



Data Appendixes B, C, and D

Totten and Eld Inlets Clean Water Projects

Final Report

July 2003

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Data Appendixes B, C, and D

Totten and Eld Inlets Clean Water Projects


Final Report

by
David Batts
Keith Seiders

Washington State Department of Ecology
Environmental Assessment Program
Watershed Ecology Section
P.O. Box 47710
Olympia, Washington 98504-7710.

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Appendix B

Water Quality Data from Totten and Eld Inlet Study Basins

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Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	MCL	MCL	08/22/1983			170		MPN																			
RS	PRY	PRY	08/22/1983			23		MPN																			
RS	MCL	MCL	09/06/1983			1600		MPN								2.90				2.90							
RS	PRY	PRY	09/06/1983			7		MPN								0.67				0.67							
RS	MCL	MCL	09/19/1983			170		MPN								6.06				6.06							
RS	PRY	PRY	09/19/1983			79		MPN								2.21				2.21							
RS	MCL	MCL	10/03/1983			1600		MPN								3.44				3.44							
RS	PRY	PRY	10/03/1983			7		MPN								1.11				1.11							
RS	MCL	MCL	10/17/1983			540		MPN								3.69				3.69							
RS	PRY	PRY	10/17/1983			33		MPN								1.15				1.15							
RS	MCL	MCL	10/31/1983			79		MPN								4.85				4.85							
RS	PRY	PRY	10/31/1983			5		MPN								0.67				0.67							
RS	PRY	PRY	11/14/1983			35		MPN								34.40				34.40							
RS	MCL	MCL	11/28/1983			33		MPN																			
RS	PRY	PRY	11/28/1983			79		MPN																			
RS	MCL	MCL	12/12/1983			79		MPN								112.60				112.60							
RS	PRY	PRY	12/12/1983			17		MPN								68.20				68.20							
RS	MCL	MCL	12/27/1983			33		MPN								32.30				32.30							
RS	PRY	PRY	12/27/1983			170		MPN								15.70				15.70							
RS	PRY	PRY	01/09/1984			27		MPN								33.10				33.10							
RS	MCL	MCL	01/10/1984			8		MPN								67.30				67.30							
RS	MCL	MCL	01/23/1984			79		MPN								67.50				67.50							
RS	PRY	PRY	01/23/1984			33		MPN								20.20				20.20							
RS	MCL	MCL	02/06/1984			8		MPN								32.90				32.90							
RS	PRY	PRY	02/06/1984			7		MPN								14.60				14.60							
RS	MCL	MCL	02/21/1984			49		MPN								64.20				64.20							
RS	PRY	PRY	02/21/1984			33		MPN								31.00				31.00							
RS	MCL	MCL	03/05/1984			5		MPN								45.30				45.30							
RS	PRY	PRY	03/05/1984			8		MPN								23.90				23.90							
RS	PRY	PRY	03/12/1984			13		MPN								112.00				112.00							
RS	MCL	MCL	03/21/1984			110		MPN								79.50				79.50							
RS	MCL	MCL	04/05/1984			2		MPN								36.90				36.90							
RS	PRY	PRY	04/05/1984			33		MPN								14.60				14.60							
RS	MCL	MCL	04/18/1984			46		MPN								54.60				54.60							
RS	PRY	PRY	04/18/1984			79		MPN								25.00				25.00							
RS	MCL	MCL	04/25/1984					MPN																			
RS	PRY	PRY	04/25/1984					MPN								25.00				25.00							
RS	MCL	MCL	05/03/1984			8		MPN								68.00				68.00							
RS	PRY	PRY	05/03/1984			49		MPN								45.70				45.70							
RS	MCL	MCL	05/16/1984			33		MPN								28.00				28.00							
RS	PRY	PRY	05/16/1984			33		MPN								13.70				13.70							
RS	MCL	MCL	05/31/1984			5		MPN								36.50				36.50							
RS	PRY	PRY	05/31/1984			23		MPN								18.00				18.00							
RS	MCL	MCL	06/12/1984			2		MPN								15.90				15.90							
RS	MCL	MCL	06/25/1984			79		MPN								9.74				9.74							
RS	PRY	PRY	06/25/1984			33		MPN								3.47				3.47							
RS	MCL	MCL	07/09/1984			79		MPN								8.19				8.19							
RS	PRY	PRY	07/10/1984			33		MPN								3.44				3.44							
RS	MCL	MCL	07/23/1984			170		MPN																			
RS	PRY	PRY	07/23/1984			33		MPN																			
RS	MCL	MCL	08/06/1984			79		MPN								4.06				4.06							
RS	PRY	PRY	08/06/1984			33		MPN								1.64				1.64							
RS	MCL	MCL	05/29/1985			142		MF								7.73				7.73							
RS	MCL	MCL	06/16/1986	9:15		10		MF																			
RS	PRY	PRY	06/16/1986	9:40		1		MF																			
RS	SHN	SHN	07/29/1986	12:10		70		MF																			
RS	KND	KND	07/29/1986	12:40		20		MF																			
RS	PIE	PIE	07/29/1986	11:45		79		MF																			
RS	BUR	BUR	07/29/1986	11:45		240		MF																			
RS	MCL	MCL	12/10/1986	10:00		10		MF								24.46				24.46							
RS	PRY	PRY	12/10/1986	9:30		30		MF								8.89				8.89							

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	SHN	SHN	12/12/1986	16:43		10		MF								9.19				9.19			6.1			
RS	KND	KND	12/12/1986	16:09		15		MF								60.00	g			60.00			7.9			
RS	PIE	PIE	12/12/1986	15:20		25		MF								0.03				0.03			5.9			
RS	BUR	BUR	12/12/1986	15:00		55		MF								0.05				0.05			6.4			
RS	MCL	MCL	02/03/1987	14:03		15		MF								100.41				100.41						
RS	PRY	PRY	02/03/1987	14:05		65		MF								76.37				76.37			7.8			
RS	SHN	SHN	02/04/1987	12:05		2		MF								32.46				32.46			7.7			
RS	KND	KND	02/04/1987	12:32		1		MF								150.00	g			150.00			7.7			
RS	PIE	PIE	02/04/1987	13:25		15		MF								0.34				0.34			8.2			
RS	BUR	BUR	02/04/1987	13:45		55		MF								0.25				0.25			8.3			
RS	MCL	MCL	04/06/1987	17:18		20		MF								21.60				21.60			10.3			
RS	PRY	PRY	04/06/1987	16:55		10		MF								3.50				3.50			9.8			
RS	KND	KND	04/06/1987	9:17		1		MF								30.00	g			30.00			8.9			
RS	PIE	PIE	04/06/1987	10:04		90		MF								0.06				0.06			8.3			
RS	BUR	BUR	04/06/1987	9:50		1100		MF								0.09				0.09			9.2			
RS	SHN	SHN	04/07/1987	8:55		5		MF								7.72				7.72			8.4			
RS	MCL	MCL	07/27/1987	12:25		315		MF								2.31				2.31			14.7			
RS	PRY	PRY	07/27/1987	12:08		75		MF								0.77				0.77			13.7			
RS	SHN	SHN	07/27/1987	13:06		75		MF								0.56				0.56			14.8			
RS	KND	KND	07/27/1987	14:01		5		MF								4.14				4.14			16.1			
RS	PIE	PIE	07/27/1987			360		MF																		
RS	BUR	BUR	07/27/1987																							
RS	MCL	MCL	12/01/1987	10:15		1000		MF								32.96				32.96			9.5			
RS	PRY	PRY	12/01/1987	11:05		1000		MF								15.85				15.85			8.0			
RS	SHN	SHN	12/07/1987	14:13		45		MF								33.10				33.10			7.8			
RS	KND	KND	12/07/1987	14:50		55		MF								134.90				134.90			7.8			
RS	PIE	PIE	12/07/1987	13:20		115		MF								0.45				0.45			7.8			
RS	BUR	BUR	12/07/1987	12:50		285		MF								0.18				0.18			7.5			
RS	MCL	MCL	01/05/1988	11:22		65		MF								13.33				13.33			3.8			
RS	PRY	PRY	01/05/1988	11:49		5		MF								5.48				5.48			3.2			
RS	SHN	SHN	01/06/1988	10:20		1		MF								5.21				5.21			3.5			
RS	KND	KND	01/06/1988	10:41		15		MF								22.09				22.09			6.5			
RS	PIE	PIE	01/06/1988	11:00																						
RS	BUR	BUR	01/06/1988	10:45		255		MF								0.11				0.11			3.3			
RS	SHN	SHN	02/01/1988	9:00		1		MF								8.76				8.76			2.5			
RS	KND	KND	02/01/1988	9:30		5		MF								53.77				53.77			3.0			
RS	PIE	PIE	02/01/1988	10:45		5		MF								0.08				0.08			3.5			
RS	BUR	BUR	02/01/1988	10:18		60		MF								0.08				0.08			1.8			
RS	MCL	MCL	02/02/1988	14:10		30		MF								25.20				25.20			3.5			
RS	PRY	PRY	02/02/1988	13:44		10		MF								12.75				12.75			3.0			
RS	KND	KND	02/29/1988	11:30		4		MF								31.76				31.76			9.0			
RS	PIE	PIE	02/29/1988	10:18		24		MF								0.01				0.01			8.3			
RS	BUR	BUR	02/29/1988	10:00		56		MF								0.12				0.12			9.5			
RS	MCL	MCL	03/01/1988	13:30		250		MF								23.66				23.66			9.0			
RS	PRY	PRY	03/01/1988	14:30		10		MF								9.00				9.00			9.0			
RS	MCL	MCL	07/05/1988	11:15		250		MF								5.64				5.64			11.8			
RS	PRY	PRY	07/05/1988	10:45		55		MF								1.71				1.71			11.8			
RS	SHN	SHN	07/05/1988	12:30		230		MF								1.10				1.10			11.0			
RS	KND	KND	07/05/1988	13:04		5		MF								9.16				9.16			10.4			
RS	PIE	PIE	07/05/1988	14:02		160		MF								0.10				0.10			15.7			
RS	BUR	BUR	07/05/1988	14:45		50		MF															10.4			
RS	MCL	MCL	08/02/1988	12:40		320		MF								2.79				2.79			14.0			
RS	PRY	PRY	08/02/1988	12:07		210		MF								0.89				0.89			13.0			
RS	SHN	SHN	08/03/1988	13:05		160		MF								0.72				0.72			13.7			
RS	KND	KND	08/03/1988	13:23		1		MF								4.43				4.43			15.0			
FD	KND	KND	08/03/1988	13:28		10		MF								4.43				4.43			15.0			
RS	PIE	PIE	08/03/1988	14:00		35		MF								0.09				0.09			25.5			
FD	PIE	PIE	08/03/1988	14:05		45		MF								0.09				0.09			25.5			
RS	SHN	SHN	12/06/1988	11:25		1		MF								16.42				16.42			8.7			
RS	KND	KND	12/06/1988	13:10		1		MF								86.12				86.12			7.3			
RS	PIE	PIE	12/06/1988	10:10		60		MF								0.74				0.74			9.5			

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	BUR	BUR	12/06/1988	9:25		740		MF								0.53				0.53			9.0			
RS	BUR	BUR	12/06/1988	9:25		725		MF								0.53				0.53			9.0			
RS	MCL	MCL	12/07/1988	13:03		5		MF								48.34				48.34			9.0			
RS	PRY	PRY	12/07/1988	12:17		50		MF								18.39				18.39			9.0			
RS	SHN	SHN	01/03/1989	14:02		30		MF								6.99				6.99			1.8			
RS	SHN	SHN	01/03/1989	9:35		5		MF								34.31				34.31			12.5			
RS	KND	KND	01/03/1989	10:40		1		MF								162.98				162.98			12.0			
FD	PIE	PIE	01/03/1989	14:45		20		MF								0.11				0.11			8.5			
RS	PIE	PIE	01/03/1989	8:20		55		MF								0.47				0.47			7.0			
RS	BUR	BUR	01/03/1989	8:52		480		MF								0.65				0.65			7.2			
FD	BUR	BUR	01/03/1989	8:52		385		MF								0.65				0.65			7.2			
RS	MCL	MCL	01/04/1989	10:39		1		MF								103.83				103.83			7.2			
RS	PRY	PRY	01/04/1989	10:00		40		MF								38.15				38.15			6.0			
RS	SHN	SHN	03/06/1989	9:30		5		MF								38.09				38.09			5.5			
RS	KND	KND	03/06/1989	11:15		5		MF								122.98				122.98			6.0			
RS	PIE	PIE	03/06/1989	10:25		130		MF								1.64				1.64			6.5			
RS	BUR	BUR	03/06/1989	10:00		3750		MF								1.34				1.34			6.5			
RS	BUR	BUR	03/06/1989	10:00		3125		MF								1.34				1.34			6.5			
RS	MCL	MCL	03/07/1989	10:00		45		MF								72.07				72.07			3.5			
RS	PRY	PRY	03/07/1989	9:30		25		MF								41.89				41.89			5.0			
RS	SHN	SHN	04/03/1989	9:15		20		MF								49.16				49.16			6.5			
RS	KND	KND	04/03/1989	10:30		1		MF								203.98				203.98			6.0			
RS	MCL	MCL	04/04/1989	11:00		15		MF								90.20				90.20			7.0			
RS	PRY	PRY	04/04/1989	10:25		10		MF								51.32				51.32			7.5			
RS	PIE	PIE	04/04/1989	11:30		10		MF								1.32				1.32			8.5			
FD	BUR	BUR	04/04/1989	11:55		135		MF								0.62				0.62			8.5			
RS	BUR	BUR	04/04/1989	11:55		100		MF								0.62				0.62			8.5			
RS	SHN	SHN	07/03/1989	10:07		185		MF								2.63				2.63			13.0			
RS	KND	KND	07/03/1989	10:50		20		MF								19.50				19.50			12.0			
RS	PIE	PIE	07/03/1989	10:37		140		MF															16.0			
FD	BUR	BUR	07/03/1989	12:22		120		MF								0.03				0.03			17.0			
RS	BUR	BUR	07/03/1989	12:22		135		MF								0.03				0.03			17.0			
RS	MCL	MCL	07/05/1989	10:17		180		MF								7.51				7.51			11.0			
RS	PRY	PRY	07/05/1989	9:30		85		MF								2.18				2.18			11.0			
RS	SHN	SHN	08/07/1989	14:18		320		MF								1.02				1.02			16.0			
RS	KND	KND	08/07/1989	15:00		45		MF								4.53				4.53			17.0			
RS	PIE	PIE	08/07/1989	13:25		545		MF															26.0			
RS	BUR	BUR	08/07/1989	13:55		455		MF																		
RS	MCL	MCL	08/08/1989	10:55		375		MF								3.36				3.36			14.5			
RS	PRY	PRY	08/08/1989	10:30		95		MF								0.10				0.10			13.0			
RS	SHN	SHN	11/06/1989	9:35		190		MF								2.72				2.72			9.5			
RS	KND	KND	11/06/1989	10:15		85		MF								17.01				17.01			9.5			
RS	PIE	PIE	11/06/1989	8:30		125		MF															9.8			
RS	BUR	BUR	11/06/1989	8:55		1150		MF															10.0			
RS	MCL	MCL	11/07/1989	11:30		150		MF								19.74				19.74			9.0			
RS	PRY	PRY	11/07/1989	10:30		80		MF								0.95				0.95			8.0			
RS	SHN	SHN	12/04/1989	12:45		280		MF															6.3			
RS	KND	KND	12/04/1989	12:00		165		MF															6.8			
RS	PIE	PIE	12/04/1989	15:30		215		MF															6.2			
RS	BUR	BUR	12/04/1989	14:30		250		MF								1.85				1.85			5.9			
RS	MCL	MCL	12/05/1989	15:25		35		MF															6.0			
RS	PRY	PRY	12/05/1989	14:50		20		MF								116.07				116.07			10.0			
RS	MCL	MCL	01/02/1990	10:30		115		MF								21.77				21.77			5.0			
RS	PRY	PRY	01/02/1990	9:50		45		MF								9.02				9.02			7.0			
RS	SHN	SHN	01/03/1990	14:02		30		MF								6.99				6.99			6.0			
RS	KND	KND	01/03/1990	13:23		1		MF								47.00				47.00			3.2			
RS	PIE	PIE	01/03/1990	14:45		200		MF								0.11				0.11			7.0			
FD	BUR	BUR	01/03/1990	14:35		190		MF								0.20				0.20			7.0			
RS	BUR	BUR	01/03/1990	14:35		190		MF								0.20				0.20			7.0			
RS	SHN	SHN	03/05/1990	14:45		35		MF								11.97				11.97			9.0			
RS	KND	KND	03/05/1990	14:00		10		MF								63.70				63.70			4.2			

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Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	PIE	PIE	03/05/1990	15:45		10		MF								0.12				0.12			4.8			
RS	BUR	BUR	03/05/1990	15:25		85		MF								0.18				0.18			6.2			
RS	MCL	MCL	03/07/1990	11:00		210		MF								99.25				99.25			7.8			
RS	PRY	PRY	03/07/1990	10:15		25		MF								38.25				38.25			7.7			
RS	SHN	SHN	07/09/1990	11:36		70		MF								1.04				1.04			14.5			
RS	KND	KND	07/09/1990	10:30		70		MF								11.93				11.93			14.0			
RS	PIE	PIE	07/09/1990	12:30		100		MF															16.5			
FD	BUR	BUR	07/09/1990	13:39		370		MF																		
RS	BUR	BUR	07/09/1990	13:39		320		MF																		
RS	MCL	MCL	07/10/1990	13:38		150		MF								6.12				6.12			15.5			
RS	PRY	PRY	07/10/1990	14:15		15		MF								2.57				2.57			15.0			
RS	SHN	SHN	08/13/1990	14:02		130		MF								0.65				0.65			16.5			
RS	KND	KND	08/13/1990	13:08		30		MF								4.05				4.05			16.5			
RS	PIE	PIE	08/13/1990	15:00																						
RS	BUR	BUR	08/13/1990	15:00																						
FD	MCL	MCL	08/14/1990	13:35		150		MF								4.04				4.04			15.0			
RS	MCL	MCL	08/14/1990	13:35		175		MF								4.04				4.04			15.0			
RS	PRY	PRY	08/14/1990	14:10		45		MF								0.62				0.62			14.0			
RS	MCL	MCL	11/06/1990	9:40		20		MF								87.50				87.50			8.0			
RS	PRY	PRY	11/06/1990	8:55		25		MF								32.83				32.83			8.0			
RS	SHN	SHN	11/13/1990	9:25		2812		MF								31.67				31.67			10.5			
RS	KND	KND	11/13/1990	8:58		50		MF															11.0			
RS	PIE	PIE	11/13/1990	10:10		730		MF								2.19				2.19			9.5			
RS	BUR	BUR	11/13/1990	10:30		710		MF								0.93				0.93			9.3			
RS	MCL	MCL	12/10/1990	11:10		30		MF								88.37				88.37			8.5			
RS	PRY	PRY	12/10/1990	10:54		85		MF								44.77				44.77			8.0			
RS	SHN	SHN	12/10/1990	9:50		5		MF								44.54				44.54			8.0			
RS	KND	KND	12/10/1990	9:10		15		MF								188.18				188.18			9.0			
RS	PIE	PIE	12/10/1990	14:25		35		MF								0.77				0.77			8.5			
RS	BUR	BUR	12/10/1990	14:00		45		MF								0.70				0.70			9.2			
RS	MCL	MCL	01/10/1991	12:20		70		MF								131.21				131.21			5.0			
RS	PRY	PRY	01/10/1991	11:45		25		MF								71.26				71.26			6.1			
RS	SHN	SHN	01/10/1991	10:45		75		MF								44.03				44.03			5.0			
RS	KND	KND	01/10/1991	9:45		5		MF								218.58				218.58			6.0			
RS	PIE	PIE	01/10/1991	8:30		205		MF								0.60				0.60			4.3			
RS	BUR	BUR	01/10/1991	8:03		80		MF								0.59				0.59			5.0			
RS	MCL	MCL	02/06/1991	10:20		10		MF								129.17				129.17			5.5			
RS	PRY	PRY	02/06/1991	11:05		10		MF								87.24				87.24			6.0			
RS	SHN	SHN	02/06/1991	13:10		15		MF								48.26				48.26			6.2			
RS	KND	KND	02/06/1991	12:10		5		MF								179.23				179.23			6.0			
FD	PIE	PIE	02/06/1991	14:40		85		MF								0.47				0.47			7.4			
RS	PIE	PIE	02/06/1991	14:40		120		MF								0.47				0.47			7.4			
RS	BUR	BUR	02/06/1991	14:10		30		MF								0.57				0.57			7.0			
RS	MCL	MCL	03/05/1991	9:50		1		MF								117.36				117.36			5.5			
RS	PRY	PRY	03/05/1991	10:30		65		MF								64.23				64.23			5.5			
RS	SHN	SHN	03/05/1991	11:15		40		MF								50.27				50.27			5.5			
RS	KND	KND	03/05/1991	12:00		1		MF								178.02				178.02			6.0			
FD	PIE	PIE	03/05/1991	13:05		105		MF								0.36				0.36			7.5			
RS	PIE	PIE	03/05/1991	13:05		50		MF								0.36				0.36			7.5			
RS	BUR	BUR	03/05/1991	13:25		50		MF								0.51				0.51			7.0			
RS	PIE	PIE	07/07/1991	9:35		80		MF																		
RS	BUR	BUR	07/07/1991	9:18		800		MF																		
RS	MCL	MCL	07/09/1991	16:05		105		MF								5.06				5.06			13.5			
RS	PRY	PRY	07/09/1991	15:25		85		MF								1.22				1.22			13.5			
RS	SHN	SHN	07/09/1991	11:45		10		MF								1.59				1.59			14.0			
RS	KND	KND	07/09/1991	10:21		20		MF								9.06				9.06			13.8			
FD	SHN	SHN	08/06/1991	9:20		150		MF								1.15				1.15			14.5			
RS	SHN	SHN	08/06/1991	9:20		150		MF								1.15				1.15			14.5			
RS	KND	KND	08/06/1991	10:10		15		MF								6.40				6.40			14.7			
RS	PIE	PIE	08/06/1991																							
RS	BUR	BUR	08/06/1991																							

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	MCL	MCL	08/07/1991	15:00		425		MF								2.87				2.87			15.8			
FD	PRY	PRY	08/07/1991	15:25		80		MF								0.74				0.74			15.0			
RS	PRY	PRY	08/07/1991	15:25		85		MF								0.74				0.74			15.0			
RS	MCL	MCL	11/18/1991	14:55		55		MF								19.74				19.74			8.6			
RS	PRY	PRY	11/18/1991	15:36		20		MF								9.17				9.17			8.4			
RS	MCL	MCL	12/10/1991	10:45		40		MF								54.39				54.39			6.1			
RS	PRY	PRY	12/10/1991	10:07		15		MF								32.53				32.53			6.1			
RS	SHN	SHN	12/16/1991	10:02		20		MF								10.05				10.05			3.6			
RS	KND	KND	12/16/1991	10:45		1		MF								86.78				86.78			6.0			
RS	PIE	PIE	12/16/1991	9:22		15		MF								0.10				0.10			4.2			
FD	BUR	BUR	12/16/1991	8:30		205		MF								0.08				0.08			4.8			
RS	BUR	BUR	12/16/1991	8:30		900		MF								0.08				0.08			4.8			
RS	MCL	MCL	01/28/1992	11:59		80		MF															9.0			
FD	PRY	PRY	01/28/1992	12:30		40		MF															9.0			
RS	PRY	PRY	01/28/1992	12:30		60		MF															9.0			
RS	SHN	SHN	01/28/1992	13:45		160		MF															9.0			
RS	KND	KND	01/28/1992	11:25		50		MF															8.8			
RS	PIE	PIE	01/28/1992	14:18		70		MF							2.49				2.49			9.8				
RS	BUR	BUR	01/28/1992	14:46		940		MF							2.49				2.49			9.0				
RS	MCL	MCL	02/18/1992	9:30		45		MF							67.78				67.78			7.0				
FD	PRY	PRY	02/18/1992	15:10		75		MF								39.06				39.06			7.0			
RS	PRY	PRY	02/18/1992	15:10		110		MF								39.06				39.06			7.0			
RS	SHN	SHN	02/18/1992	13:30		25		MF								24.02				24.02			7.0			
RS	KND	KND	02/18/1992	14:15		15		MF								91.11				91.11			7.1			
RS	PIE	PIE	02/18/1992	11:45		180		MF								1.05				1.05			7.0			
RS	BUR	BUR	02/18/1992	11:30		345		MF								0.73				0.73			6.7			
RS	MCL	MCL	07/14/1992	14:00		170		MF								3.01				3.01			14.9			
RS	PRY	PRY	07/14/1992	14:40		30		MF								0.97				0.97			14.9			
RS	SHN	SHN	07/21/1992	14:50		335		MF								0.75				0.75			15.5			
RS	KND	KND	07/21/1992	15:10		40		MF								3.82				3.82			15.0			
RS	PIE	PIE	07/21/1992	15:45		355		MF								0.03				0.03			22.0			
RS	BUR	BUR	07/21/1992	16:00																						
RS	MCL	MCL	08/13/1992	15:10		405		MF							2.25				2.25			19.0				
RS	PRY	PRY	08/13/1992	14:36		35		MF							0.52				0.52			16.8				
RS	SHN	SHN	08/17/1992	12:00		65		MF							0.64				0.64			16.0				
RS	KND	KND	08/17/1992	12:35		20		MF							3.12				3.12			16.1				
RS	PIE	PIE	08/17/1992	11:45											0.00				0.00							
RS	BUR	BUR	08/17/1992	11:00																						
LS	QA	BUR	11/11/1992	13:00	92469100	2700		MF																		
FD	QA	BUR	11/11/1992	13:00	92469100	2400		MF	13		21												8.6			
RS	MCL	MCL	11/11/1992	9:15	92469102	110		MF	11.0		3.5				14.59		19	18	14.59			7.5			93	
RS	PRY	PRY	11/11/1992	9:45	92469103	140		MF	16.0		2.7		1.1		4.52		20	13	4.52			7.3			100	
RS	SHN	SHN	11/11/1992	11:15	92469104	380		MF	11.0		3.8				3.53		24	18	3.53			7.75			115	
RS	KND	KND	11/11/1992	11:45	92469105	35		MF	15.0		3.2		0.8		20.70		22	19	20.70			8.2			106	
RS	PIE	PIE	11/11/1992	13:30	92469107	3000	J	MF	4		31				0.069	jf	13	10	0.069	jf		8.3			105	
RS	BUR	BUR	11/11/1992	13:00	92469108	2300		MF	10		19				0.137	jf	8	1	0.137	jf		8.6			355	
LS	BUR	BUR	11/11/1992	13:00	92469108						13															
RS	MCL	MCL	11/17/1992	11:40	92479102	240		MF	17.0		4.9				11.41		24	22	11.41			9.3			96	
RS	PRY	PRY	11/17/1992	10:50	92479103	46		MF	18.0		3.0		1.0		4.47		22	20	4.47			8.7			105	
RS	SHN	SHN	11/17/1992	9:30	92479104	83		MF	4.0		2.4				3.74		21	13	3.74			8.8			126	
RS	KND	KND	11/17/1992	10:10	92479105	9		MF	10.0		2.5		0.9		22.52		23	22	22.52			9.3			105	
RS	PIE	PIE	11/17/1992	15:30	92479107	77		MF	2		21				0.035	jf	11	6	0.035	jf		9.8			97	
RS	BUR	BUR	11/17/1992	15:55	92479108	400		MF	104		35				0.083	jf	7	0	0.083	jf		10.3			791	
LS	BUR	BUR	11/17/1992	15:55	92479108						109															
LS	QA	KND	11/23/1992	13:20	92489100	13		MF																		
FD	QA	KND	11/23/1992	13:20	92489100	10		MF	8.0		3.0				100.62		26	21	100.62						79	
RS	MCL	MCL	11/23/1992	10:00	92489102	60		MF	11.0		4.0				52.95		24	18	52.95			6.3			76	
RS	PRY	PRY	11/23/1992	10:25	92489103	10		MF	9.0		3.0		1.4		28.93		24	22	28.93			6.1			80	
RS	SHN	SHN	11/23/1992	13:40	92489104	340	XS	MF	6.0		5.5				17.42		18	14	17.42			6.3			88	
RS	KND	KND	11/23/1992	13:20	92489105	11		MF	8.0		2.5				97.98		26	21	97.98			7.0			80	
RS	PIE	PIE	11/23/1992	11:30	92489107	84	S	MF	3		14				0.146	jf	13	10	0.146	jf		5.3			64	

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	BUR	BUR	11/23/1992	11:05	92489108	190		MF	4		11					0.091	jf	10	3	0.091	jf		6.4		548	
LS	BUR	BUR	11/23/1992	11:05	92489108				4		10															
LS	QA	PIE	12/01/1992	12:15	92499100	62		MF			14															
FD	QA	PIE	12/01/1992	12:15	92499100	75		MF	2		14					0.16	jf	15	7	0.16	jf		5.3		66	
RS	MCL	MCL	12/01/1992	14:05	92499102	26		MF	5.0		2.1					26.82		19	17	26.82			6.6		80	
RS	PRY	PRY	12/01/1992	13:05	92499103	6		MF	4.0		1.6		1.1			15.58		26	24	15.58			6.4		83	
RS	SHN	SHN	12/01/1992	10:10	92499104	16	SX	MF	6.0		5.2					9.81		27	25	9.81			5.5		93	
RS	KND	KND	12/01/1992	11:05	92499105	22		MF	2.0		1.1		1.4			54.68		31	22	54.68			6.4		83	
RS	PIE	PIE	12/01/1992	11:40	92499107	51		MF	2		14					0.151	jf	15	7	0.151	jf		5.1		66	
RS	BUR	BUR	12/01/1992	7:10	92499108	100		MF	3		12					0.145	jf	8	1	0.145	jf		5.4		192	
LS	PIE	PIE	12/01/1992	11:40	92499107				2																	
LS	QA	SHN	12/08/1992	13:40	92509100	136	?ja	MF																		
FD	QA	SHN	12/08/1992	13:40	92509100	120	Sja	MF	4.0		4.5		0.9			11.06		17	15	11.06			5.1		90	
RS	MCL	MCL	12/08/1992	9:40	92509102	79	ja	MF	4.0		1.9		0.5			20.36		19	17	20.36			5.4		80	
RS	PRY	PRY	12/08/1992	8:50	92509103	35	ja	MF	5.0		1.9		1.1			16.16		26	24	16.16			5.0		74	
RS	SHN	SHN	12/08/1992	13:20	92509104	170	Xja	MF	4.0		3.9		0.9			11.02		27	24	11.02			5.1		90	
RS	KND	KND	12/08/1992	12:35	92509105	28	ja	MF	2.0		0.4		1.1			40.76		24	22	40.76			6.1		88	
RS	PIE	PIE	12/08/1992	10:25	92509107	1200	Jja	MF	5		20		0			0.380	jf	18	7	0.380	jf		4.7		66	
RS	BUR	BUR	12/08/1992	10:55	92509108	1000	ja	MF	50	ja	18	ja				0.336	jfa	8	4	0.336	jfa		5.3		160	
LS	BUR	BUR	12/08/1992	10:55	92509108				48	ja	18	ja														
RS	MCL	MCL	12/15/1992	11:10	92519102	47		MF	2.0		1.6		0.7					0	0	43.99	jr	0.930	5.1		77	
RS	PRY	PRY	12/15/1992	13:20	92519103	4		MF	3.0		1.5		1.3			27.24		26	24	27.24			5.7		58	
RS	SHN	SHN	12/15/1992	14:25	92519104	31		MF	1.1		3.9		1.0			15.52		29	26	15.52			5.5		82	
RS	KND	KND	12/15/1992	15:00	92519105	6		MF	3.0		1.5		2.0			107.35		24	22	107.35			6.2		70	
RS	PIE	PIE	12/15/1992	17:20	92519107	22		MF	1.1		9.0		0.3			0.094	jf	12	0	0.094	jf		4.5		67	
RS	BUR	BUR	12/15/1992	16:35	92519108	69		MF	3.0		8.5					0.099	jf	8	0	0.099	jf		5.0		424	
LS	QA	PRY	12/21/1992	13:50	92529100	19		MF	5.0		2.1															
FD	QA	PRY	12/21/1992	13:50	92529100	12		MF	4.0		2.0												6.4		69	
RS	MCL	MCL	12/21/1992	14:35	92529102	27		MF	7.0		2.5		1.5			98.86		32	29	98.86			6.6		65	
RS	PRY	PRY	12/21/1992	13:40	92529103	16		MF	5.0		2.0		1.8			58.60		24	23	58.60			6.5		69	
RS	SHN	SHN	12/21/1992	12:50	92529104	28	X	MF	5.0		5.0		1.4			35.13		20	17	35.13			5.3		72	
RS	KND	KND	12/21/1992	12:00	92529105	21		MF	14.0		4.6		2.5			190.48		30	28	190.48			5.8		68	
RS	PIE	PIE	12/21/1992	10:10	92529107	96		MF	1.1		9.5		0.4			0.644	jf	17	15	0.644	jf		4.0		66	
RS	BUR	BUR	12/21/1992	9:35	92529108	150		MF	3.0		8.0					0.363	jf	15	0	0.363	jf		4.5		159	
LS	QA	KND	12/28/1992	12:30	93019100	8		MF	2.0		0.7															
FD	QA	KND	12/28/1992	12:30	93019100	10		MF	2.0		0.7		1.9			99.56		26	24	99.56			4.9		72	
RS	MCL	MCL	12/28/1992	15:40	93019102	27		MF	2.0		1.5		1.0			69.38		27	25	69.38			6.0		69	
RS	PRY	PRY	12/28/1992	10:50	93019103	22		MF	3.0		1.1		1.4			28.21		24	23	28.21			4.9		73	
RS	SHN	SHN	12/28/1992	11:25	93019104	33		MF	4.0		4.9		1.2	m		27.49		25	21	27.49			4.3		74	
RS	KND	KND	12/28/1992	12:30	93019105	5		MF	2.0		1.4		1.9			97.38		26	24	97.38			4.9		72	
RS	PIE	PIE	12/28/1992	14:25	93019107	180		MF	3.0		9.0		0.5			0.849	jf	17	15	0.849	jf		4.9		65	
RS	BUR	BUR	12/28/1992	14:50	93019108	450		MF	8.0		9.5					0.490	jf	9	6	0.490	jf		5.4		187	
LS	QA	SHN	01/05/1993	13:00	93029100	47		MF	2.0		3.0															
FD	QA	SHN	01/05/1993	13:00	93029100	41		MF	1.1		3.1		1.0			17.72		16	14	17.72			3.3		77	
RS	MCL	MCL	01/05/1993	9:15	93029102	57		MF	2.0		1.6		0.8			43.14		23	16	43.14			3.7		70	
RS	PRY	PRY	01/05/1993	14:55	93029103	9		MF	1.1		0.6		1.2			21.79		24	22	21.79			3.5		73	
RS	SHN	SHN	01/05/1993	12:45	93029104	56		MF	2.0		2.9		1.0			19.12		16	14	19.12			3.3		77	
RS	KND	KND	01/05/1993	12:15	93029105	5		MF	1.1		0.5		1.8			80.21		21	16	80.21			4.0		73	
RS	PIE	PIE	01/05/1993	10:35	93029107	32		MF	1.1		6.5		0.4			0.172	jf	13	0	0.172	jf		1.5		65	
RS	BUR	BUR	01/05/1993	9:55	93029108	54		MF	8.0		7.7					0.157	jf	9	2	0.157	jf		3.2		130	
LS	QA	MCL	01/12/1993	11:35	93039100	8		MF	3.0		1.3															
FD	QA	MCL	01/12/1993	11:35	93039100	28		MF	3.0		1.6		0.4										2.7		78	
RS	MCL	MCL	01/12/1993	11:35	93039102	21		MF	4.0		0.8		0.4			21.25		29	28	21.25			2.7		78	
RS	PRY	PRY	01/12/1993	11:05	93039103	7		MF	1.1		0.5		0.9			11.25		23	21	11.25			1.7		80	
RS	SHN	SHN	01/12/1993	12:25	93039104	8		MF	1.1		1.8		0.8			6.98		27	23	6.98			1.5		88	
RS	KND	KND	01/12/1993	12:55	93039105	4		MF	2.0		0.5		1.0			37.65		28	23	37.65			2.2		82	
RS	PIE	PIE	01/12/1993	14:00	93039107	32		MF	1.1		4.8		0.3			0.0402	jf	13	0	0.040	jf		1.2		1287	j
RS	BUR	BUR	01/12/1993	14:25	93039108	130		MF	23.0		8.2					0.0405	jf	11	0	0.041	jf		0.3		77	
RS	MCL	MCL	01/19/1993	9:30	93049102	83	JH	MF	4.0		1.8		0.5			20.33		30	26	20.33			3.65		78	
RS	PRY	PRY	01/19/1993	13:10	93049103	84	JH	MF	10.0		5.4		1.4			33.69		28	26	33.69			3.5		68	
RS	SHN	SHN	01/19/1993	12:30	93049104	800	JH	MF	37		18		1			36.66		20	17	36.66			2.4		66	

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	KND	KND	01/19/1993	12:00	93049105	57	JH	MF	5.0		1.4		1.1			42.09		28	23				3.8		81	
RS	PIE	PIE	01/19/1993	10:30	93049107	2000	JH>	MF	28		27		1			2.81	jf	19	15	2.81	jf		0.6		53	
RS	BUR	BUR	01/19/1993	9:50	93049108	2000	JH >	MF	113		41					1.63	jf	17	12	1.63	jf		1.3		107	
LS	QA	PIE	01/26/1993	14:25	93059100	40		MF	2.00		7.55															
FD	QA	PIE	01/26/1993	14:25	93059100	49		MF	2.0		7.6		0.5			0.78		15	10	0.78			7.7		60	
RS	MCL	MCL	01/26/1993	11:05	93059102	13		MF	18.0		6.5		2.0			191.32		24	16	191.32			7.2		60	
RS	PRY	PRY	01/26/1993	10:10	93059103	7		MF	7.0		2.7		2.0			110.78		20	19	110.78			7.3		64	
RS	SHN	SHN	01/26/1993	10:55	93059104	20		MF	16.0		6.7		2.2	jt		86.83		28	23	86.83			7.0		62	
RS	KND	KND	01/26/1993	12:20	93059105	9		MF	21.0		6.4		3.2				0	0	254.21	jrj	0.919	7.0		63		
RS	PIE	PIE	01/26/1993	14:25	93059107	35		MF	1.1		7.7		0.5			0.870	jf	15	10	0.870	jf		7.7		60	
RS	BUR	BUR	01/26/1993	13:45	93059108	52		MF	5.0		6.9					0.739	jf	22	6	0.739	jf		7.1		175	
RS	MCL	MCL	02/02/1993	10:15	93069102	6		MF	2.0		1.1		0.7			42.96		25	22	42.96			5.5		68	
RS	PRY	PRY	02/02/1993	10:55	93069103	5		MF	1.1	U	0.6		1.2			24.31		28	25	24.31			5.4		72	
RS	SHN	SHN	02/02/1993	12:35	93069104	9		MF	2.0		2.1		1.1			15.96		17	14	15.96			5.5		78	
RS	KND	KND	02/02/1993	14:10	93069105	1	U	MF	3.0		1.1		2.1			84.17		19	17	84.17			5.7		69	
RS	PIE	PIE	02/02/1993	16:05	93069107	20		MF	1.1	U	6.3		0.3				0	0	0.095	jr	0.950	6.40		68		
RS	BUR	BUR	02/02/1993	16:25	93069108	44		MF	3.0		6.7						0	0	0.090	jrj	0.969	6.10		244		
LS	QA	BUR	02/09/1993	13:20	93079100	37		MF	12.0		8.0															
FD	QA	BUR	02/09/1993	13:20	93079100	61		MF	11.0		7.8					0.085	jf	12	0	0.085	jf		8.2		940	
RS	MCL	MCL	02/09/1993	10:10	93079102	39		MF	2.0		1.1		0.3			26.72		31	28	26.72			7.1		74	
RS	PRY	PRY	02/09/1993	10:40	93079103	10		MF	1.1		0.5		1.0			12.33		27	24	12.33			7.1		78	
RS	SHN	SHN	02/09/1993	11:20	93079104	25		MF	2.0		1.9		1.0			8.39		17	14	8.39			7.0		88	
RS	KND	KND	02/09/1993	12:00	93079105	1		MF	2.0		0.6		1.6			49.63		31	24	49.63			7.2		78	
RS	PIE	PIE	02/09/1993	13:50	93079107	16		MF	1.1	U	6.5		0.3	m		0.067	jf	16	0	0.067	jf		7.5		83	
RS	BUR	BUR	02/09/1993	13:20	93079108	36		MF	10.0		8.3					0.072	jf	11	0	0.072	jf		8.2		940	
LS	QA	PRY	02/16/1993	12:30	93089100	6		MF	1.00	U	0.37															
FD	QA	PRY	02/16/1993	12:30	93089100	5		MF	1.10	U	0.37		0.88										2.7		80	
RS	MCL	MCL	02/16/1993	11:55	93089102	25		MF	2.0		1.4		0.1			16.09		27	23	16.09			3.2		76	
RS	PRY	PRY	02/16/1993	12:30	93089103	8		MF	1.1	U	0.3		0.9			6.51		24	21	6.51			2.7		80	
RS	SHN	SHN	02/16/1993	11:10	93089104	10		MF	1.1	U	1.4		0.9			5.97		25	21	5.97			2.9		92	
RS	KND	KND	02/16/1993	10:35	93089105	2		MF	2.0		0.5		1.1			23.21		29	21	23.21			3.1		82	
RS	PIE	PIE	02/16/1993	8:20	93089107	20	j	MF	21.0	j	4.8	j	0.3			0.095	jf	14	3	0.095	jf		1.9		68	
RS	BUR	BUR	02/16/1993	8:45	93089108	37	j	MF	20.0	j	8.7	j				0.039	jf	15	0	0.039	jf		1.5		335	
LS	QA	SHN	02/23/1993	15:05	93099100	3		MF	1.1		1.5															
FD	QA	SHN	02/23/1993	15:05	93099100	3		MF	1.1	U	1.5		0.8			5.73		25	21	5.73			4.1		96	
RS	MCL	MCL	02/23/1993	9:55	93099102	31		MF	1.1		0.6		0.1			14.63		25	20	14.63			3.3		76	
RS	PRY	PRY	02/23/1993	11:05	93099103	14		MF	1.1		0.4		0.9			6.08		24	19	6.08			3.2		79	
RS	SHN	SHN	02/23/1993	14:50	93099104	5		MF	1.1		1.6		0.9			5.70		24	21	5.70			4.0		95	
RS	KND	KND	02/23/1993	14:20	93099105	3		MF	2.0		0.7		1.0			19.54		19	13	19.54			4.3		88	
RS	PIE	PIE	02/23/1993	12:00	93099107	12		MF	2.0		4.7		0.3			0.031	jf	13	0	0.031	jf		2.1		74	
RS	BUR	BUR	02/23/1993	12:20	93099108	17		MF	5.0		6.9					0.047	jf	6	0	0.047	jf		3.8		915	
LS	QA	MCL	03/02/1993	9:40	93109100	18		MF	2.00		0.85															
FD	QA	MCL	03/02/1993	9:40	93109100	14		MF	2.00		0.88		0.04			13.95		26	21	13.95					80	
RS	MCL	MCL	03/02/1993	9:40	93109102	10		MF	1.1		0.9		0.0			13.86		26	21	13.86			4.9		78	
RS	PRY	PRY	03/02/1993	10:10	93109103	7		MF	1.1		0.3		0.8			5.49		25	18	5.49			4.5		81	
RS	SHN	SHN	03/02/1993	12:00	93109104	18		MF	1.1		1.8		0.8			4.13		25	20	4.13			4.8		97	
RS	KND	KND	03/02/1993	12:30	93109105	4		MF	1.1		3.6		0.8			17.05		19	14	17.05			5.4		89	
RS	PIE	PIE	03/02/1993	14:00	93109107	18		MF	2.0		4.8		0.3			0.034	jf	11	4	0.034	jf		4.5		74	
RS	BUR	BUR	03/02/1993	14:25	93109108	52		MF	4.0		7.1					0.044	jf	7	0	0.044	jf		6.7		538	
LS	QA	KND	03/09/1993	14:45	93119100	1	U	MF	1.00		0.37															
FD	QA	KND	03/09/1993	14:45	93119100	1	U	MF	2.00		0.46		0.96			24.96		19	16	24.96					86	
RS	MCL	MCL	03/09/1993	11:10	93119102	80		MF	2.0		1.0		0.2			24.93		16	12	24.93			6.3		73	
RS	PRY	PRY	03/09/1993	11:45	93119103	19		MF	1.1		0.4		1.0			12.44		27	24	12.44			6.0		78	
RS	SHN	SHN	03/09/1993	15:15	93119104	4		MF	2.0		1.5		0.9			7.48		24	22	7.48			8.0		93	
RS	KND	KND	03/09/1993	14:45	93119105	1	U	MF	1.1		0.4		1.0			24.58		19	16	24.58			7.4		86	
RS	PIE	PIE	03/09/1993	12:55	93119107	6		MF	1.1		5.2		0.3			0.084	jf	13	1	0.084	jf		6.8		73	
RS	BUR	BUR	03/09/1993	12:20	93119108	27		MF	3.0		6.8					0.044	jf	6	0	0.044	jf		8.7		870	
RS	MCL	MCL	03/16/1993	11:15	93129102	13		MF	1.1		0.7		0.2			24.16		18	15	24.16			6.0		73	
RS	PRY	PRY	03/16/1993	10:45	93129103	7		MF	1.1		0.5		1.0			11.04		26	23	11.04			5.6		76	
RS	SHN	SHN	03/16/1993	12:40	93129104	17		MF	1.1		2.7		0.9			9.30		25	23	9.30			6.4		90	
RS	KND	KND	03/16/1993	13:00	93129105	4		MF	2.0		0.5		1.1			32.62		19	16	32.62			6.3		80	

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	PIE	PIE	03/16/1993	14:35	93129107	22		MF	3.0		6.4		0.3			0.078	jf	16	0	0.078			7.2		74		
RS	BUR	BUR	03/16/1993	15:00	93129108	51		MF	12.0		9.1					0.079	jf	8	0	0.079	jf		7.3		304		
LS	QA	PIE	03/23/1993	13:45	93139100	110	?	MF	6		12																
FD	QA	PIE	03/23/1993	13:45	93139100	110	S	MF	6		12		0			1.01	jf	16	10	1.01	jf		12.3		63		
RS	MCL	MCL	03/23/1993	12:00	93139102	55	S	MF	19.0		6.3		1.6			135.77		24	21	135.77			8.8		63		
RS	PRY	PRY	03/23/1993	12:35	93139103	40		MF	8.0		3.4		1.8			67.31		19	16	67.31			8.3		67		
RS	SHN	SHN	03/23/1993	16:00	93139104	36	S	MF	18.0		9.5		1.7			55.84		23	20	55.84			9.9		68		
RS	KND	KND	03/23/1993	15:25	93139105	7		MF	21.0		5.9		2.8				0	0	192.03	jrj	0.919		8.8		65		
RS	PIE	PIE	03/23/1993	13:45	93139107	130	S	MF	7		12		0			0.922	jf	14	9	0.922	jf		12.3		63		
RS	BUR	BUR	03/23/1993	13:15	93139108	84		MF	7.0		9.0					0.705	jf	15	10	0.705	jf		11.1		182		
RS	MCL	MCL	03/30/1993	11:00	93149102	27		MF	1.1		0.5		0.4			34.37		21	19	34.37			7.2		70		
RS	PRY	PRY	03/30/1993	10:25	93149103	21		MF	2.0		2.0		1.2			18.31		19	17	18.31			6.8		75		
RS	SHN	SHN	03/30/1993	11:45	93149104	4		MF	1.1		1.7		0.9			11.20		28	25	11.20			7.5		84		
RS	KND	KND	03/30/1993	12:15	93149105	2		MF	3.0		1.0		1.5			58.19		30	24	58.19			7.6		75		
RS	PIE	PIE	03/30/1993	13:30	93149107	19		MF	3.0		4.5		0.3			0.053	jf	15	0	0.053	jf		8.8		75		
RS	BUR	BUR	03/30/1993	13:55	93149108	9		MF	8.0		6.4					0.110	jf	10	0	0.110	jf		11.5		890		
LS	QA	BUR	04/06/1993	12:15	93159100	31		MF	6.0		7.0																
FD	QA	BUR	04/06/1993	12:15	93159100	19		MF	7.0		7.0					0.084		11		0.08			9.3		781		
RS	MCL	MCL	04/06/1993	10:30	93159102	64		MF	1.1		2.1		0.2			28.26		30		28.26			8.1		72		
RS	PRY	PRY	04/06/1993	11:05	93159103	2		MF	1.1	U	1.8		1.0			12.85		26		12.85			7.8		78		
RS	SHN	SHN	04/06/1993	14:30	93159104	4		MF	1.1		2.6		0.9			8.87		27		8.87			9.1		89		
RS	KND	KND	04/06/1993	13:50	93159105	1	U	MF	1.1		1.7		1.2			39.66		26		39.66			8.5		80		
RS	PIE	PIE	04/06/1993	11:50	93159107	12		MF	2.0		3.5		0.3			0.080	jf	16		0.080	jf		8.8		78		
RS	BUR	BUR	04/06/1993	12:15	93159108	32		MF	10.0		9.3					0.092	jf	11		0.092	jf		9.3		816		
LS	QA	MCL	04/13/1993	10:25	93169100	34		MF	6.0		2.8																
FD	QA	MCL	04/13/1993	10:25	93169100	36		MF	6.0		2.8		0.8			75.09		18		75.09			7.75		70		
RS	MCL	MCL	04/13/1993	10:25	93169102	43		MF	6.0		3.1		0.8			75.37		19		75.37			7.75		70		
RS	PRY	PRY	04/13/1993	11:10	93169103	31		MF	3.0		1.4		1.4			35.92		29		35.92			7.5		72		
RS	SHN	SHN	04/13/1993	12:40	93169104	1		MF	3.0		2.2		1.1			20.79		30		20.79			8.5		80		
RS	KND	KND	04/13/1993	13:10	93169105	2		MF	3.0		0.8		1.8			94.28		29		94.28			8.1		73		
RS	PIE	PIE	04/13/1993	14:30	93169107	14		MF	4.0		5.7		0.4			0.208	jf	17		0.208	jf		10.1		73		
RS	BUR	BUR	04/13/1993	14:50	93169108	26		MF	15.0		8.2					0.201	jf	13		0.201	jf		9.9		482		
LS	QA	KND	11/16/1993	15:50	93479200	56		MF	10.00		5.05																
FD	QA	KND	11/16/1993	15:50	93479200	52		MF	10.00		5.17		0.10										6.6		108		
RS	MCL	MCL	11/16/1993	12:30	93479202	65		MF	15.0		6.4		0.0			4.33		32	27	4.33			5.9		92		
RS	PRY	PRY	11/16/1993	11:50	93479203	28		MF	3.0		1.2					1.57		21	15	1.57			6.1		95		
RS	SHN	SHN	11/16/1993	14:40	93479204	40		MF	1.0	U	0.9		0.6			1.05		20	9	1.05			5.9		117		
RS	KND	KND	11/16/1993	15:50	93479205	96		MF	11.0		5.4		0.1			6.49		19	14	6.49			6.6		109		
RS	PIE	PIE	11/16/1993	14:15	93479207								0.24					0	0	0	jf						
RS	BUR	BUR	11/16/1993	13:30	93479208	2700	J	MF	36		32					0.0554		4	0	0.055			7.2		3903	L	
OS	PRY	PRY	11/17/1993	11:45									0.88			1.41		19	14	1.41							
LS	QA	MCL	11/22/1993	13:25	93489200	37		MF	10.90		6.68																
FD	QA	MCL	11/22/1993	13:25	93489200	47		MF	11.10		7.07												3.8		88		
RS	MCL	MCL	11/22/1993	13:20	93489202	33		MF	10.0		7.7		0.0			4.32				4.32			3.8		88		
RS	PRY	PRY	11/22/1993	12:45	93489203	3		MF	3.0		2.3		0.9			1.86				1.86			3.9		92		
RS	SHN	SHN	11/22/1993	11:18	93489204	8		MF	1.0		2.3		0.6			1.57	20	11		1.57			4.0		109		
RS	KND	KND	11/22/1993	12:00	93489205	53		MF	14.0		5.1		0.3			9.95				9.95			4.8		86		
RS	PIE	PIE	11/22/1993	10:40	93489207								0.26							0	jf						
RS	BUR	BUR	11/22/1993	10:30	93489208																						
LS	QA	PRY	11/30/1993	12:30	93499200	22		MF	29																		
FD	QA	PRY	11/30/1993	12:30	93499200	17		MF	33.0		9.3															93	
RS	MCL	MCL	11/30/1993	10:55	93499202	120		MF	23.0		9.0		0.0			8.29		25	20	8.29			5.0		89		
RS	PRY	PRY	11/30/1993	12:20	93499203	33		MF	16.0		6.9		0.9			3.20		22	15	3.20			4.9		88		
RS	SHN	SHN	11/30/1993	14:45	93499204	27	S	MF	4.0		3.2		0.6			1.59		20	12	1.59			5.0		117		
RS	KND	KND	11/30/1993	15:25	93499205	20		MF	9.0		3.8		0.3			13.08		21	18	13.08			5.7		97		
RS	PIE	PIE	11/30/1993	14:10	93499207	3000		MF	3		34		0			0.0054		14	0	0.005			5.5		119		
RS	BUR	BUR	11/30/1993	13:15	93499208	2200		MF	61		54					0.065		5	0	0.065			5.8		1287	J	
LS	QA	PIE	12/07/1993	8:50	93509200	1700		MF																			
FD	QA	PIE	12/07/1993	8:50	93509200	1300		MF	4		24		0										4.6		68		
RS	MCL	MCL	12/07/1993	13:10	93509202	40		MF	11.0		7.7		0.5			28.46		21	18	28.46			5.9		78		

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	PRY	PRY	12/07/1993	11:20	93509203	65		MF	9.0		8.7		1.4			20.39		14	13	20.39			5.5		75		
RS	SHN	SHN	12/07/1993	10:25	93509204	440	S	MF	7.0		7.9		1.0			12.95		14	13	12.95			4.8		94		
RS	KND	KND	12/07/1993	9:40	93509205	16		MF	5.0		3.5		1.4			59.49		21	15	59.49			5.9		66		
RS	PIE	PIE	12/07/1993	8:25	93509207	1600		MF	6		25		0			0.656		21	10	0.656			4.6		64		
RS	BUR	BUR	12/07/1993	7:40	93509208	2500		MF	23.0		34.6					0.609		10	7	0.609			5.1		137		
LS	BUR	BUR	12/07/1993	7:40	93509208				24.0		34.7																
LS	QA	BUR	12/14/1993	13:00	93519200	210		MF	6		18																
FD	QA	BUR	12/14/1993	13:00	93519200	200		MF	6		18												8.0	jq<		281	
OS	SCR	SCR	12/14/1993	11:40	93519201											15.11		18	16	15.11							
RS	MCL	MCL	12/14/1993	10:40	93519202	55		MF	6.0		4.7		0.8			47.09		25	20	47.09			7.8	jq<		63	
RS	PRY	PRY	12/14/1993	10:20	93519203	7		MF	7.0		4.3		1.6			35.20		22	20	35.20			7.2	jq<		65	
RS	SHN	SHN	12/14/1993	14:55	93519204	31	X	MF	5.0		6.0		1.4			26.79		20	18	26.79			7.7	jq<		75	
RS	KND	KND	12/14/1993	14:15	93519205	12		MF	6.0		3.6		2.3			134.42		23	17	134.42			8.0	jq<		64	
RS	PIE	PIE	12/14/1993	12:25	93519207	160		MF	2		11		0			0.33		20	8	0.33			7.7	jq<		65	
RS	BUR	BUR	12/14/1993	13:00	93519208	210		MF	6		18					0.2362		10	0	0.24			8.0	jq<		286	
LS	QA	BUR	12/21/1993	7:50	93529200	130		MF																			
FD	QA	BUR	12/21/1993	7:50	93529200	120		MF	6		14												4.9			246	
OS	SCR	SCR	12/14/1993	8:45	93519201											5.42		19	15	5.42							
RS	MCL	MCL	12/21/1993	8:15	93529202	12		MF	5.0		1.2		0.3			19.12		13	12	19.12			5.5			71	
RS	PRY	PRY	12/21/1993	9:25	93529203	8		MF	4.0		0.8		1.3			10.82		14	11	10.82			5.7			72	
RS	SHN	SHN	12/21/1993	9:45	93529204	22	S	MF	3.0		2.0		1.0							8.47	jr	0.973	5.4			84	
RS	KND	KND	12/21/1993	10:15	93529205	9		MF	2.0		1.0		1.3			51.81		13	12	51.81			6.4			70	
RS	PIE	PIE	12/21/1993	7:40	93529207	31		MF	1.0	U	7.2		0.3							0.035	jrx	0.999	4.6			74	
RS	BUR	BUR	12/21/1993	7:25	93529208	165		MF	5		15									0.066	jrg	0.867	4.8			261	
LS	BUR	BUR	12/21/1993	7:25	93529208				5		15																
LS	QA	SHN	12/28/1993	11:10	93539200						1.4																
FD	QA	SHN	12/28/1993	11:10	93539200	26		MF	1.0	U	1.4		0.9										4.1			92	
RS	MCL	MCL	12/28/1993	10:00	93539202	20		MF	3.0		2.1		0.1							11.38	jr	0.993	4.2			75	
RS	PRY	PRY	12/28/1993	9:45	93539203	27		MF	2.0		0.9		1.2			6.36		21	16	6.36			3.8			73	
RS	SHN	SHN	12/28/1993	11:10	93539204	12		MF	1.0		1.4		0.9			3.58		28	23	3.58			4.1			91	
RS	KND	KND	12/28/1993	10:35	93539205	8		MF	1.0		0.8		0.7							23.04	jr	0.981	4.9			77	
RS	PIE	PIE	12/28/1993	12:05	93539207	28		MF	1.0		7.0		0.3							0.011	jrx	0.733	3.6			79	
RS	BUR	BUR	12/28/1993	11:40	93539208	180		MF	22.0		16.3					0.021	jf	13	0	0.021			4.8			1861	
LS	BUR	BUR	12/28/1993	11:40	93539208				22																		
LS	QA	PIE	01/04/1994	16:20	94019200	130		MF	10		18																
FD	QA	PIE	01/04/1994	16:20	94019200	150		MF	11		17		1														
OS	SCR	SCR	01/04/1994	13:45	94019201											68.14		16	13	68.14							
RS	MCL	MCL	01/04/1994	12:55	94019202	76		MF	36		16		2			189.58		26	24	189.58			8.8			51	
RS	PRY	PRY	01/04/1994	12:15	94019203	63		MF	38		17		2			120.19		23	21	120.19			8.7			54	
RS	SHN	SHN	01/04/1994	15:00	94019204	56	S	MF	18		15		2			57.798		13	11	57.80			8.7			60	
RS	KND	KND	01/04/1994	15:15	94019205	19		MF	32		16		3			202.38		28	25	202.38			8.6			55	
RS	PIE	PIE	01/04/1994	16:20	94019207	100		MF	10		17		1			2.276		26	19	2.28			8.6			53	
RS	BUR	BUR	01/04/1994	16:50	94019208	630		MF	20		21					1.467		16	13	1.47			8.2			112	
LS	QA	SHN	01/11/1994	12:35	94029200	17		MF	2.0		4.5																
FD	QA	SHN	01/11/1994	12:35	94029200	14		MF	3.0		4.4		1.2										8.1			73	
RS	MCL	MCL	01/11/1994	11:10	94029202	8		MF	3.0		2.5		1.0							71.30	jr	0.993	8.3			58	
RS	PRY	PRY	01/11/1994	10:50	94029203	1		MF	2.0		1.7		1.7			35.94		18	15	35.944			8.3			63	
RS	SHN	SHN	01/11/1994	12:35	94029204	8		MF	3.0		4.7		1.2							17.34	jr	0.973	8.2			70	
RS	KND	KND	01/11/1994	12:20	94029205	4		MF	3.0		2.2		1.7							87.36	jr	0.981	8.3			63	
RS	PIE	PIE	01/11/1994	12:00	94029207	63		MF	3		10		0							0.210	jr	0.996	8.7			64	
RS	BUR	BUR	01/11/1994	11:45	94029208	300		MF	29		31					0.2593		16	5	0.25934			8.5			286	
LS	QA	PRY	01/18/1994	12:05	94039200																						
FD	QA	PRY	01/18/1994	12:05	94039200	3		MF	2.0		1.1		1.4			18.08		14	12	18.08			6.0			68	
OS	SCR	SCR	01/18/1994	12:05	94039201											9.42		18	15	9.42							
RS	MCL	MCL	01/18/1994	12:20	94039202	31		MF	9.0		3.8		0.5			33.56		19	17	33.56			6.3			63	
RS	PRY	PRY	01/18/1994	11:55	94039203	6		MF	1.0		1.0		1.4			17.91		14	12	17.91			6.0			66	
RS	SHN	SHN	01/18/1994	14:05	94039204	3		MF	2.0		2.5		1.0							8.79	jr	0.973	6.3			80	
RS	KND	KND	01/18/1994	13:40	94039205	2		MF	2.0		1.0		1.1			55.92		25	24	55.92			6.5			69	
RS	PIE	PIE	01/18/1994	14:40	94039207	37		MF	1.0		6.5		0.3			0.0545		13	0	0.0545			6.1			74	
RS	BUR	BUR	01/18/1994	15:00	94039208	170		MF	7		13					0.0676		13	0	0.0676			6.4			494	
OS	MCL	MCL	01/23/1994	9:05	94049212	31		MF	3.0		2.4		0.6							40.44	jr	0.993	8.4			64	

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r^2 for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
OS	PRY	PRY	01/23/1994	8:50	94049213	22		MF	3.0		1.7		1.4							17.34	jr	0.958	8.5		69	
OS	SHN	SHN	01/23/1994	10:00	94049214	11	S	MF	4.0		4.9		1.1							10.92	jr	0.973	8.3		80	
OS	KND	KND	01/23/1994	10:15	94049215	24		MF	3.0		1.6		1.1							39.81	jr	0.981	8.5		73	
OS	PIE	PIE	01/23/1994	9:40	94049217	130		MF	5		14		0							0.268	jr	0.996	8.3		70	
OS	BUR	BUR	01/23/1994	9:30	94049218	250		MF	14		21									0.226	jrg	0.867	8.3		139	
LS	PIE	PIE	01/23/1994	9:30	94049217	110		MF																		
LS	BUR	BUR	01/23/1994	9:30	94049218				14		21															
LS	QA	SHN	01/25/1994	11:40	94049200	13	?	MF	4.0		6.0															
FD	QA	SHN	01/25/1994	11:40	94049200	14	S	MF	4.0		5.8		1.1										7.7		78	
RS	MCL	MCL	01/25/1994	9:50	94049202	27		MF	2.0		2.3		0.6							38.29	jr	0.993	7.5		62	
RS	PRY	PRY	01/25/1994	10:20	94049203	4		MF	1.0		1.3		1.4		17.13	jf	14	12		17.13	jf		7.5		69	
RS	SHN	SHN	01/25/1994	11:30	94049204	17	S	MF	4.0		6.0		1.1							12.54	jr	0.973	7.7		78	
RS	KND	KND	01/25/1994	11:55	94049205	8		MF	2.0		1.6		1.1							39.81	jr	0.981	7.8		69	
RS	PIE	PIE	01/25/1994	11:10	94049207	68		MF	3		11		0							0.268	jr	0.996	7.5		68	
RS	BUR	BUR	01/25/1994	10:45	94049208	180		MF	12		18				0.1394	jf	9	0		0.1394	jf		7.8		165	
LS	QA	PIE	02/01/1994	14:05	94059200	120		MF	1.0		5.4															
FD	QA	PIE	02/01/1994	14:05	94059200	130	a	MF	1.0		5.3		0.3													
RS	MCL	MCL	02/01/1994	13:05	94059202	12		MF	1.0		1.1		0.3							20.91	jr	0.993	5.2		67	
RS	PRY	PRY	02/01/1994	12:35	94059203	9		MF	1.0		0.8		1.3							11.79	jr	0.958	4.7		66	
RS	SHN	SHN	02/01/1994	11:50	94059204	45		MF	1.0		1.9		0.9							6.98	jr	0.973	4.5		82	
RS	KND	KND	02/01/1994	11:00	94059205	28		MF	1.0		1.0		0.7							23.04	jr	0.981	4.8		71	
RS	PIE	PIE	02/01/1994	14:05	94059207	140		MF	1.0		5.3		0.3							0.046	jrx	0.996	4.6		73	
RS	BUR	BUR	02/01/1994	14:30	94059208	190		MF	5		11									0.079	jrg	0.867	5.6		583	
LS	QA	BUR	02/08/1994	11:00	94069200	150		MF	32		12												1.9		1287	
FD	QA	BUR	02/08/1994	11:00	94069200	170		MF	28		12												3.1		48	
RS	MCL	MCL	02/08/1994	13:25	94069202	8		MF	2.0		1.5		0.2							14.85	jr	0.993	2.9		73	
RS	PRY	PRY	02/08/1994	14:25	94069203	5		MF	1.0		0.7		1.2		7.136		22	16		7.136			2.2		86	
RS	SHN	SHN	02/08/1994	12:05	94069204	4		MF	1.0		2.2		0.9							5.22	jr	0.973	3.2		76	
RS	KND	KND	02/08/1994	12:35	94069205	6		MF	1.0		0.7		0.5							16.24	jr	0.981	0.9		85	
RS	PIE	PIE	02/08/1994	11:30	94069207	210		MF	2.0		4.7		0.3							0.015	jrx	0.733	1.8		2178	J
RS	BUR	BUR	02/08/1994	10:45	94069208	150		MF	43		14									0.055	jrg	0.867	1.8			
LS	QA	KND	02/14/1994	15:55	94079210	17		MF	7.0		3.9												6.4		58	
FD	QA	KND	02/14/1994	15:55	94079210	12		MF	6.0		3.6												6.4		62	
OS	MCL	MCL	02/14/1994	14:55	94079212	51	S	MF	5.0		4.0		1.0							73.03	jr	0.993	6.4		58	
OS	PRY	PRY	02/14/1994	14:40	94079213	20		MF	3.0		2.5		1.8							41.17	jr	0.958	6.4		62	
OS	SHN	SHN	02/14/1994	15:40	94079214	150	S	MF	8.0		9.3		1.4							29.98	jr	0.973	6.7		64	
OS	KND	KND	02/14/1994	15:55	94079215	13		MF	6.0		4.0		1.8							99.10	jr	0.981	6.4		61	
OS	PIE	PIE	02/14/1994	13:25	94079217	80	X	MF	5.0		13.0		0.4							0.411	jr	0.996	7.4		61	
OS	BUR	BUR	02/14/1994	15:15	94079218	77		MF	6.0		13.0									0.296	jrg	0.867	6.9		152	
LS	QA	PIE	02/15/1994	17:00	94079200	100	?	MF	20		25												7.4		47	
FD	QA	PIE	02/15/1994	17:00	94079200	120	S	MF	19		25												6.8		50	
RS	MCL	MCL	02/15/1994	13:00	94079202	260		MF	40		24		2		157.04		18	16		157.04			6.7		55	
RS	PRY	PRY	02/15/1994	12:35	94079203	96		MF	37		21		2		88.92		20	19		88.92			6.9		58	
RS	SHN	SHN	02/15/1994	15:15	94079204	110	S	MF	24		16		2		54.56		23	21		54.56			6.8		58	
RS	KND	KND	02/15/1994	14:30	94079205	10		MF	18		12		2		152.11		24	23		152.11			6.8		58	
RS	PIE	PIE	02/15/1994	16:25	94079207	100		MF	21		25		1		3.13		22	17		3.13			7.5		48	
RS	BUR	BUR	02/15/1994	15:55	94079208	630		MF	24		28				2.04	jf	12	11		2.04			7.2		82	
LS	QA	SHN	02/22/1994	11:00	94089200	2		MF	3.0		4.5												5.7		66	
FD	QA	SHN	02/22/1994	11:00	94089200	1		MF	4.0		4.6												5.5		56	
RS	MCL	MCL	02/22/1994	8:20	94089202	49		MF	4.0		3.4		1.0							73.03	jr	0.993	5.5		65	
RS	PRY	PRY	02/22/1994	8:55	94089203	1	U	MF	2.0		1.6		1.8		32.82		24	22		51.79			5.7		66	
RS	SHN	SHN	02/22/1994	10:55	94089204	7		MF	3.0		4.4		1.3							24.04	jr	0.973	5.7		66	
RS	KND	KND	02/22/1994	11:20	94089205	6		MF	20.0		2.6		2.0							118.24	jr	0.981	6.0		59	
RS	PIE	PIE	02/22/1994	10:20	94089207	110		MF	2.0		8.4		0.4		0.22		13	3		32.93			5.9		58	
RS	BUR	BUR	02/22/1994	9:45	94089208	42		MF	5		11				0.26		14	0		32.93			5.0		167	
LS	QA	BUR	03/01/1994	14:55	94099200	240		MF	11		15												9.1		55	
FD	QA	BUR	03/01/1994	14:55	94099200	260		MF	13		16												9.1		60	
RS	MCL	MCL	03/01/1994	12:50	94099202	16		MF	6.0		3.0		1.3							102.51	jr	0.993	9.1		55	
RS	PRY	PRY	03/01/1994	12:20	94099203	4		MF	3.0		2.4		1.9							57.92	jr	0.958	9.1		60	
RS	SHN	SHN	03/01/1994	14:15	94099204	14		MF	7.0		3.9		1.4							28.41	jr	0.973	9.9		68	
RS	KND	KND	03/01/1994	13:45	94099205	1	U	MF	6.0		4.4		2.1							133.21	jr	0.981	8.8		59	

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	PIE	PIE	03/01/1994	15:20	94099207	140		MF	6		12		0							0.495	jr	0.996	11.3		60	
RS	BUR	BUR	03/01/1994	14:55	94099208	310		MF	10		15									0.336	jrg	0.867	10.0		141	
LS	QA	PRY	03/02/1994	15:00	94099210	60		MF	14.0		8.4															
FD	QA	PRY	03/02/1994	15:00	94099210	61		MF	13.0		8.4															
OS	MCL	MCL	03/02/1994	15:20	94099212	80		MF	28.0		14.0		1.9							160.29	jr	0.993	9.6		51	
OS	PRY	PRY	03/02/1994	15:00	94099213	52		MF	14.0		8.2		2.1							83.04	jr	0.958	9.6		56	
OS	SHN	SHN	03/02/1994	16:05	94099214	40		MF	15.0		10.0		1.5							40.80	jr	0.973	10.2		65	
OS	KND	KND	03/02/1994	8:30	94099215	1		MF	12.0		6.4		2.3							156.82	jr	0.981	9.3		58	
OS	PIE	PIE	03/02/1994	15:50	94099217	76		MF	13.0		18.0		0.5							1.488	jr	0.996	12.2		55	
OS	BUR	BUR	03/02/1994	15:40	94099218	310		MF	16.0		21.0									0.8503	jrg	0.867	10.6		107	
LS	QA	BUR	03/08/1994	9:45	94109200	37		MF	6.0		7.7															
FD	QA	BUR	03/08/1994	9:45	94109200	56		MF	6.0		7.4															
RS	MCL	MCL	03/08/1994	8:50	94109202	12		MF	4.0		2.6		0.8							58.81	jr	0.993	5.8		56	
RS	PRY	PRY	03/08/1994	8:40	94109203	4		MF	2.0		1.5		1.7							39.13	jr	0.958	5.7		62	
RS	SHN	SHN	03/08/1994	9:10	94109204	13		MF	5.0		3.8		1.2							19.02	jr	0.973	6.2		68	
RS	KND	KND	03/08/1994	9:25	94109205	1		MF	7.0		3.3		1.8							95.09	jr	0.981	6.3		61	
RS	PIE	PIE	03/08/1994	10:00	94109207	80		MF	3.0		5.8		0.3							0.065	jr	0.996	5.2		64	
RS	BUR	BUR	03/08/1994	9:45	94109208	63		MF	5.0		7.9									0.1087	jrg	0.867	5.5		165	
LS	QA	BUR	03/15/1994	14:10	94119200	88		MF	6.0		8.3															
FD	QA	BUR	03/15/1994	14:10	94119200	100		MF	8.0		8.2															
RS	MCL	MCL	03/15/1994	12:15	94119202	6		MF	3.0		2.0		0.4							28.64	jr	0.993	8.9		63	
RS	PRY	PRY	03/15/1994	13:15	94119203	1		MF	2.0		1.2		1.5			11.60		19	16	11.60			9.0		69	
RS	SHN	SHN	03/15/1994	14:35	94119204	2		MF	3.0		2.2		1.0							9.12	jr	0.973	9.8		83	
RS	KND	KND	03/15/1994	14:55	94119205	1		MF	3.0		1.3		1.1							41.0	jr	0.981	9.2		63	
RS	PIE	PIE	03/15/1994	13:45	94119207	200		MF	4.0		6.9		0.3							0.0496	jr	0.996	10.7		84	
RS	BUR	BUR	03/15/1994	14:10	94119208	120		MF	6.0		8.6									0.0662	jrg	0.867	10.3		345	
LS	QA	BUR	03/21/1994	15:25	94129210	220		MF	9		12															
FD	QA	BUR	03/21/1994	15:25	94129210	200		MF	10		12															
OS	MCL	MCL	03/21/1994	14:25	94129212	80		MF	5.0		3.6		1.4							108.43	jr	0.993	7.1		54	
OS	PRY	PRY	03/21/1994	14:30	94129213	5		MF	4.0		2.8		2.0							74.43	jr	0.958	6.7		58	
OS	SHN	SHN	03/21/1994	15:10	94129214	66		MF	10.0		7.9		1.5							44.96	jr	0.973	7.1		63	
OS	KND	KND	03/21/1994	15:00	94129215	2		MF	7.0		4.1		2.1							136.80	jr	0.981	6.9		56	
OS	PIE	PIE	03/21/1994	15:30	94129217	63		MF	5		11		0							0.5883	jr	0.996	9.7		61	
OS	BUR	BUR	03/21/1994	15:25	94129218	210		MF	9		12									0.3812	jrg	0.867	8.8		112	
LS	QA	BUR	03/22/1994	11:35	94129200	17		MF	4.0		2.6															
FD	QA	BUR	03/22/1994	11:35	94129200	12		MF	3.0		2.8															
RS	MCL	MCL	03/22/1994	11:35	94129202	16		MF	3.0		2.9		1.3							96.71	jr	0.993	6.5		48	
RS	PRY	PRY	03/22/1994	11:10	94129203	15		MF	2.0		2.0		1.9							65.03	jr	0.958	6.3		60	
RS	SHN	SHN	03/22/1994	10:30	94129204	8		MF	5.0		5.3		1.5			38.61		22	20	38.61			6.0		63	
RS	KND	KND	03/22/1994	10:45	94129205	1		MF	5.0		3.1		2.0							116.02	jr	0.981	6.1		56	
RS	PIE	PIE	03/22/1994	9:40	94129207	31		MF	4.0		8.1		0.4			0.401		19	11	0.401			5.7		60	
RS	BUR	BUR	03/22/1994	8:50	94129208	180		MF	4.0		8.1					0.322		12	0	0.322			5.4		123	
LS	QA	PRY	03/29/1994	15:15	94139200	2		MF	2.0		1.2															
FD	QA	PRY	03/29/1994	15:15	94139200	5		MF	2.0		1.0															
RS	MCL	MCL	03/29/1994	15:45	94139202	21		MF	3.0		1.6		0.5							35.46	jr	0.993	11.2		62	
RS	PRY	PRY	03/29/1994	15:15	94139203	3		MF	2.0		1.0		1.5							23.36	jr	0.958	9.8		70	
RS	SHN	SHN	03/29/1994	14:05	94139204	5		MF	3.0		2.3		1.0							9.81	jr	0.973	11.3		78	
RS	KND	KND	03/29/1994	14:40	94139205	1	U	MF	3.0		1.5		1.0							38.64	jr	0.981	10.4		68	
RS	PIE	PIE	03/29/1994	13:40	94139207	17		MF	7.0		8.0		0.3							0.015	jrx	0.733	12.9		78	
RS	BUR	BUR	03/29/1994	13:20	94139208	28		MF	12.0		8.0									0.0555	jrg	0.867	14.7		553	
LS	QA	MCL	04/05/1994	10:50	94149200	13		MF	2.0		1.6															
FD	QA	MCL	04/05/1994	10:50	94149200	12		MF	2.0		1.5															
RS	MCL	MCL	04/05/1994	10:50	94149202	16		MF	3.0		1.5		0.3							20.91	jr	0.993	8.4		63	
RS	PRY	PRY	04/05/1994	10:35	94149203	2		MF	2.0		1.3		1.4							15.31	jr	0.958	8.4		68	
RS	SHN	SHN	04/05/1994	10:00	94149204	3		MF	3.0		2.1		0.9							6.70	jr	0.973	7.7		83	
RS	KND	KND	04/05/1994	10:15	94149205	1	U	MF	2.0		1.0		0.7							20.76	jr	0.981	8.1		72	
RS	PIE	PIE	04/05/1994	9:45	94149207	13		MF	5.0		8.9		0.3							0.011	jrx	0.733	7.2		80	
RS	BUR	BUR	04/05/1994	9:35	94149208	40		MF	11.0		8.1									0.0462	jrg	0.867	8.5		682	
LS	QA	BUR	04/06/1994	10:55	94149210	2400		MF	16		18															
FD	QA	BUR	04/06/1994	10:55	94149210	1800	J	MF	16		18															
OS	MCL	MCL	04/06/1994	9:45	94149212	92		MF	5.0		3.2		0.6							37.58	jr	0.993	8.4		60	

Appendix B.

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
OS	PRY	PRY	04/06/1994	9:30	94149213	88		MF	10.0		3.5		1.5							23.36	jr	0.958	8.1		65		
OS	SHN	SHN	04/06/1994	10:10	94149214	24	SX	MF	5.0		3.2		1.0							9.12	jr	0.973	8.5		80		
OS	KND	KND	04/06/1994	10:20	94149215	9		MF	3.0		1.7		0.8							26.39	jr	0.981	8.4		69		
OS	PIE	PIE	04/06/1994	10:40	94149217	690		MF	14		18		0							0.0513	jr	0.996	8.8		78		
OS	BUR	BUR	04/06/1994	10:55	94149218	2100	J	MF	16		18									0.0926	jrg	0.867	9.3		350		
LS	QA	SHN	04/12/1994	12:55	94159200	11	?	MF	4.0		2.8																
FD	QA	SHN	04/12/1994	12:55	94159200	12	S	MF	4.0		2.7																
RS	MCL	MCL	04/12/1994	12:20	94159202	12		MF	3.0		2.0		0.5							35.46	jr	0.993	9.8		62		
RS	PRY	PRY	04/12/1994	12:00	94159203	32		MF	2.0		1.4		1.6							27.67	jr	0.958	9.2		63		
RS	SHN	SHN	04/12/1994	12:45	94159204	7		MF	4.0		2.5		1.1							10.92	jr	0.973	11.0		76		
RS	KND	KND	04/12/1994	13:05	94159205	1	U	MF	3.0		2.0		1.0							36.37	jr	0.981	10.0		63		
RS	PIE	PIE	04/12/1994	13:30	94159207	19		MF	10		12		0							0.020	jrx	0.733	12.6		74		
RS	BUR	BUR	04/12/1994	13:40	94159208	60		MF	9		12									0.0662	jrg	0.867	13.9		375		
LS	QA	SHN	04/19/1994	13:50	94169200				2.0		2.0																
FD	QA	SHN	04/19/1994	13:50	94169200	9		MF	2.0		2.0																
RS	MCL	MCL	04/19/1994	13:20	94169202	9		MF	3.0		1.5		0.3							20.91	jr	0.993	11.2		79		
RS	PRY	PRY	04/19/1994	13:00	94169203	3		MF	2.0		1.0		1.4							16.82	jr	0.958	10.8		82		
RS	SHN	SHN	04/19/1994	13:50	94169204	15		MF	2.0		2.0		0.9							6.44	jr	0.973	12.6		97		
RS	KND	KND	04/19/1994	14:15	94169205	1		MF	2.0		1.1		0.7							21.12	jr	0.981	12.0		83		
RS	PIE	PIE	04/19/1994	14:45	94169207	7		MF	9		14		0							0.008	jrx	0.733	13.3		96		
RS	BUR	BUR	04/19/1994	15:00	94169208	130		MF	15		12									0.0383	jrg	0.867	13.9		652		
LS	BUR	BUR	04/19/1994	15:00	94169208	110																					
OS	SCR	SCR	05/04/1994	13:20												4.95		17	15	4.95							
RS	MCL	MCL	05/04/1994	12:45									0.21			15.40		16	14	15.40							
RS	PRY	PRY	05/04/1994	14:15									1.33			7.69		16	14	7.69							
RS	SHN	SHN	05/04/1994	11:10									0.86			4.69		15	12	4.69							
RS	KND	KND	05/04/1994	11:40									0.5			21.26		15	13	21.26							
RS	PIE	PIE	05/04/1994	10:20									0.28			0.0217	jf	10	0	0.02	jf						
RS	BUR	BUR	05/04/1994	10:00												0.0615	jf	6	0	0.06	jf						
LS	QA	BCUL	11/15/1994	9:50	94469300	2000	j	MF	15	j	25	j															
FD	QA	BCUL	11/15/1994	9:50	94469300	2300	j	MF	14	j	25	j												7.7	j	60	j
RS	MCL	MCL	11/15/1994	8:40	94469302	37		MF	11.0		4.0		0.3		4.26					13.15	jrx	0.797	7.6		61		
RS	PRY	PRY	11/15/1994	9:05	94469303	33		MF	7.0		3.7		1.2							21.99	jr	0.947	7.5		63		
RS	SHN	SHN	11/15/1994	10:30	94469304	18	S	MF	3.0		2.8		0.9							8.20	jr	0.960	7.6		72		
RS	KND	KND	11/15/1994	10:15	94469305	25		MF	9.0		4.3		1.1							32.70	jrx	0.708	8.3		65		
RS	PIE	PIE	11/15/1994	9:30	94469307	1000		MF	3.0		8.1		0.4							0.43	jr	0.970	7.3		45		
RS	BUR	BUR	11/15/1994	9:45	94469308	2000		MF	146		90									0.19	jrg	0.992	7.7		484		
LS	QA	MCL	11/21/1994	8:05	94479300	27		MF	8		4																
FD	QA	MCL	11/21/1994	8:05	94479300	35		MF	8.0		4.2															56	
RS	MCL	MCL	11/21/1994	8:05	94479302	35		MF	7.0		4.5		0.5		4.38					16.87	jrx	0.797	4.3		52		
RS	PRY	PRY	11/21/1994	7:45	94479303	14		MF	8.0		3.3		1.3							23.15	jr	0.950	3.9		60		
RS	SHN	SHN	11/21/1994	7:05	94479304	53		MF	2.0		3.8		1.0							10.48	jr	0.960	3.5		72		
RS	KND	KND	11/21/1994	6:45	94479305	4		MF	6.0		2.7		1.1							34.82	jr	0.708	5.4		58		
RS	PIE	PIE	11/21/1994	6:15	94479307	470		MF	1.0		6.0		0.4							0.43	jr	0.970	2.4		39		
RS	BCUL	BCUL	11/21/1994	5:55	94479308	300	j	MF	10	j	16	j								0.19	jrg	0.992	3.8			a	
LS	QA	BCUL	11/29/1994	8:35	94489300	3200	j	MF	18	j	27	j															
FD	QA	BCUL	11/29/1994	8:35	94489300	2600	j	MF	18	j	26	j															
RS	MCL	MCL	11/29/1994	10:25	94489302	310		MF	67		38		2							222.87	jr	0.941	6.7		45		
RS	PRY	PRY	11/29/1994	10:00	94489303	380		MF	64		38		2							175.33	jr	0.950	6.7		48		
RS	SHN	SHN	11/29/1994	9:15	94489304	150	S	MF	49		34		2							47.03	jr	0.990	6.0		59		
RS	KND	KND	11/29/1994	9:35	94489305	59		MF	40		15		3	ja	3.27					319.21	jrgmx	0.655	6.8		55		
RS	PIE	PIE	11/29/1994	8:55	94489307	2400		MF	9		14		1							3.27	jr	0.970	5.8		43		
RS	BUR	BUR	11/29/1994	8:20	94489308	3000		MF	26		30									2.37	jrg	0.992	6.2		83		
LS	QA	BCUL	12/06/1994	14:40	94499300	110	j	MF	2.0	j	9.1	j															
FD	QA	BCUL	12/06/1994	14:40	94499300	200	j	MF	2.0	j	9.0	j															
RS	MCL	MCL	12/06/1994	13:00	94499302	35		MF	11.0		6.0		1.0							35.10	jr	0.941	5.0		50		
RS	PRY	PRY	12/06/1994	12:40	94499303	14		MF	15.0		6.2		1.6							52.03	jr	0.950	4.8		56		
RS	SHN	SHN	12/06/1994	13:35	94499304	21		MF	5.0		4.5		1.4							31.44	jr	0.990	3.5		61		
RS	KND	KND	12/06/1994	14:00	94499305	6		MF	6.0		3.0		1.8							83.23	jr	0.708	5.1		55		
RS	PIE	PIE	12/06/1994	14:25	94499307	830		MF	2.0		4.7		0.4							0.43	jr	0.970	2.5		46		
RS	BUR	BUR	12/06/1994	14:35	94499308	120		MF	4.0		9.2									0.19	jrg	0.992	4.0		365		

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
LS	QA	BCUL	12/13/1994	9:05	94509300	260	j	MF	5	j	15	j														
FD	QA	BCUL	12/13/1994	9:05	94509300	320	j	MF	6	j	15	j											4.4	j	45	j
RS	MCL	MCL	12/13/1994	12:20	94509302	12		MF	16.0		7.6		1.0			57.53		40		57.53			5.6		58	
RS	PRY	PRY	12/13/1994	11:55	94509303	9		MF	10.0		5.3		1.6			37.06		25		37.06			5.6		63	
RS	SHN	SHN	12/13/1994	9:55	94509304	6		MF	4.0		4.0		1.4			25.49		21		25.49			4.8		65	
RS	KND	KND	12/13/1994	10:40	94509305	22		MF	3.0		2.4		1.7			108.46		23		108.46			5.7		63	
RS	PIE	PIE	12/13/1994	8:30	94509307	180		MF	1.0	U	5.1		0.4		0.1761	jf	19		0.18	jf		3.4		53		
RS	BUR	BUR	12/13/1994	8:50	94509308	310		MF	8		18				0.1897	jf	10		0.19	jf		4.4		48		
LS	QA	BCUL	12/19/1994	12:45	94519310	730	j	MF	9	j	18	j														
FD	QA	BCUL	12/19/1994	12:45	94519310	770	j	MF	11	j	18	j											8.3	j	41	j
OS	MCL	MCL	12/19/1994	10:50	94519312	84	S	MF	29		15		2						213.78	jrx	0.879	8.2		41		
OS	PRY	PRY	12/19/1994	11:15	94519313	52		MF	25		15		2						186.35	jrx	0.947	8.2		46		
OS	SHN	SHN	12/19/1994	11:45	94519314	49	S	MF	24		17		2						133.60	jrx	0.990	8.2		44		
OS	KND	KND	12/19/1994	12:05	94519315	15		MF	13.0		8.2		3.1						307.88	jrgmx	0.655	8.0		48		
OS	PIE	PIE	12/19/1994	12:25	94519317	590		MF	8		17		1						4.41	jr	0.970	8.8		33		
OS	BUR	BUR	12/19/1994	12:40	94519318	1000		MF	11		19								3.32	jr	0.992	8.3		56		
LS	QA	PIE	12/20/1994	13:50	94519300	520		MF	4.0		9.6														33	
FD	QA	PIE	12/20/1994	13:50	94519300	590		MF	4		10														33	
RS	MCL	MCL	12/20/1994	11:40	94519302	40		MF	126		75		4	j					733.95	jrx>	0.879	8.4		32		
RS	PRY	PRY	12/20/1994	12:25	94519303	53		MF	211		130		3						657.30	jrx>	0.947	8.5		36		
RS	SHN	SHN	12/20/1994	13:00	94519304	260		MF	94		100		4						441.27	jrx>	0.990	8.7		35		
RS	KND	KND	12/20/1994	13:20	94519305	29		MF	186		110		5	j					943.63	jrgmx>	0.802	8.4		35		
RS	PIE	PIE	12/20/1994	13:50	94519307	480		MF	4.0		9.3		0.7						4.83	jrx>	0.970	8.5		33		
RS	BUR	BUR	12/20/1994	13:40	94519308	270		MF	8		13								3.67	jrx>	0.992	8.4		47		
LS	QA	MCL	12/27/1994	10:30	94529300	140	JS	MF	235		140														25	
FD	QA	MCL	12/27/1994	10:30	94529300	124	JS	MF	204		130														32	
RS	MCL	MCL	12/27/1994	10:30	94529302	116		MF	238		140		5	ja					1248.91	jrx>	0.941	8.0		25		
RS	PRY	PRY	12/27/1994	10:00	94529303	116	JS	MF	266		160		4	j					1185.42	jrx>	0.947	8.9		32		
RS	SHN	SHN	12/27/1994	8:50	94529304	180	JS	MF	78		55		4	j					407.1	jrx>	0.990	8.8		35		
RS	KND	KND	12/27/1994	9:15	94529305	57		MF	179		120		5	ja					1441.5	jrgmx>	0.655	8.5		36		
RS	PIE	PIE	12/27/1994	8:10	94529307	460		MF	7		10		1						6.44	jrx>	0.970	8.9		30		
RS	BUR	BUR	12/27/1994	7:50	94529308	370		MF	13		17								5.05	jrx>	0.992	8.4	ja	35		
LS	QA	SHN	01/03/1995	11:55	95019200	6		MF	4.0		3.7														57	
FD	QA	SHN	01/03/1995	11:55	95019200	15		MF	3.0		4.0		1.2												46	
RS	MCL	MCL	01/03/1995	10:55	95019202	20		MF	4.0		2.7		1.2						51.91	jr	0.941	3.9		57		
RS	PRY	PRY	01/03/1995	11:20	95019203	4		MF	3.0		1.9		1.3						23.27	jr	0.950	3.8		50		
RS	SHN	SHN	01/03/1995	11:55	95019204	7		MF	3.0		3.8		1.2						17.01	jr	0.990	3.1		56		
RS	KND	KND	01/03/1995	12:35	95019205	4		MF	5.0		3.5		2.1						96.95	jrgm	0.655	4.2		53		
RS	PIE	PIE	01/03/1995	13:00	95019207	440		MF	1.0	U	5.0		0.3						0.15	jr	0.970	1.3		50		
RS	BUR	BUR	01/03/1995	13:15	95019208	45		MF	3.0		6.4								0.05	jr	0.992	3.2		271		
LS	QA	PRY	01/10/1995	11:55	95029300	47		MF	2.0		2.0														53	
FD	QA	PRY	01/10/1995	11:55	95029300	45		MF	2.0		1.9		1.2												50	
RS	MCL	MCL	01/10/1995	12:25	95029302	23		MF	3.0		3.0		1.1			56.37		24		56.37			7.2		53	
RS	PRY	PRY	01/10/1995	11:15	95029303	26		MF	3.0		2.6		1.3			30.14		28		30.14			7.2		53	
RS	SHN	SHN	01/10/1995	9:40	95029304	38		MF	5.0		5.9		1.3			32.52		18		32.52			6.0		56	
RS	KND	KND	01/10/1995	10:30	95029305	10		MF	4.0		3.0		1.9			92.99		21		92.99			6.8		55	
RS	PIE	PIE	01/10/1995	8:40	95029307	1100		MF	2.0		7.6		0.4		0.6215			14		0.62			5.5		42	
RS	BCUL	BCUL	01/10/1995	7:55	95029308	120	j	MF	3	j	11	j						0		0.49	jr	0.992	5.8		53	
LS	QA	PRY	01/17/1995	15:00	95039300	13		MF	4.0		2.9														49	
FD	QA	PRY	01/17/1995	15:00	95039300	21		MF	4.0		3.0		1.4												46	
RS	MCL	MCL	01/17/1995	15:35	95039302	100		MF	7.0		5.2		1.3						67.63	jr	0.941	6.4		46		
RS	PRY	PRY	01/17/1995	14:40	95039303	19		MF	3.0		2.8		1.4						32.31	jr	0.950	6.4		50		
RS	SHN	SHN	01/17/1995	13:25	95039304	13		MF	4.0		4.0		1.3						24.83	jr	0.990	6.0		55		
RS	KND	KND	01/17/1995	13:55	95039305	3		MF	3.0		2.0		2.0						108.58	jrgm	0.655	5.2		53		
RS	PIE	PIE	01/17/1995	12:25	95039307	310		MF	2.0		6.2		0.4						0.37	jr	0.970	5.1		42		
RS	BUR	BUR	01/17/1995	12:50	95039308	400		MF	7		12								0.15	jr	0.992	5.7		147		
LS	QA	SHN	01/24/1995	15:00	95049300	35		MF	2.0		2.7														60	
FD	QA	SHN	01/24/1995	15:00	95049300	31		MF	2.0		3.0		1.1												60	
RS	MCL	MCL	01/24/1995	13:25	95049302	10		MF	2.0		1.8		1.0			43.97		20		43.97			5.6		50	
RS	PRY	PRY	01/24/1995	12:05	95049303	4		MF	1.0	U	1.0		1.2			22.67		20		22.67			5.2		53	
RS	SHN	SHN	01/24/1995	14:30	95049304	10		MF	2.0		2.8		1.1			16.93		16		16.93			5.1		60	

Appendix B.

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	KND	KND	01/24/1995	15:50	95049305	2	j	MF	2.0	j	2.1	j	1.7			66.20	jl	22		65.17	jl		5.4	j	56	j	
RS	PIE	PIE	01/24/1995	16:35	95049307	390		MF	1.0		5.5		0.3			0.1028		11		0.10			5.5		45		
RS	BUR	BUR	01/24/1995	16:50	95049308	180		MF	2.0		9.1					0.1420		12		0.14			4.9		449		
LS	QA	SHN	01/31/1995	14:40	95059300	130	S	MF	54		38												9.6		43		
FD	QA	SHN	01/31/1995	14:40	95059300	69	S	MF	57		39		2										9.6		43		
RS	MCL	MCL	01/31/1995	10:50	95059302	92		MF	64		35		3						339.08	jrx	0.941	8.9		37			
RS	PRY	PRY	01/31/1995	11:15	95059303	27		MF	34		20		2			148.26		22		148.26			8.9		44		
RS	SHN	SHN	01/31/1995	14:05	95059304	150		MF	52		34		2			131.28		25		131.28			9.5		43		
RS	KND	KND	01/31/1995	14:55	95059305	17		MF	86		45		3						444.76	jrgmx	0.655	8.8		43			
RS	PIE	PIE	01/31/1995	13:40	95059307	270		MF	7		13		1			4.00		20		4.00			11.1		33		
RS	BUR	BUR	01/31/1995	12:35	95059308	200		MF	54		40					2.34		15		2.34			9.8		132		
LS	QA	MCL	02/07/1995	14:25	95069300	5		MF	4.0		2.3																
FD	QA	MCL	02/07/1995	14:25	95069300	8		MF	4.0		2.3																
RS	MCL	MCL	02/07/1995	14:25	95069302	13		MF	4.0		2.7		1.1						43.60	jr	0.941	8.6		50			
RS	PRY	PRY	02/07/1995	14:45	95069303	11		MF	1.0		1.3		1.2						19.13	jr	0.950	8.1		54			
RS	SHN	SHN	02/07/1995	15:10	95069304	17		MF	4.0		3.5		1.3						23.57	jr	0.990	8.7		60			
RS	KND	KND	02/07/1995	15:30	95069305	1		MF	4.0		2.2		1.9						86.31	jr	0.708	8.3		56			
RS	PIE	PIE	02/07/1995	16:00	95069307	1200		MF	2.0		6.8		0.3						0.19	jr	0.970	10.2		49			
RS	BUR	BUR	02/07/1995	16:15	95069308	220		MF	4.0		8.8								0.06	jr	0.992	9.2		182			
LS	QA	PIE	02/14/1995	12:20	95079300	550		MF	1.0		5.5																
FD	QA	PIE	02/14/1995	12:20	95079300	480	J	MF	1.0		5.3																
RS	MCL	MCL	02/14/1995	10:05	95079302	51		MF	3.0		2.2		0.8						17.23	jr	0.941	3.2		50			
RS	PRY	PRY	02/14/1995	10:40	95079303	32		MF	1.0		1.5		1.0						11.88	jr	0.950	2.9		55			
RS	SHN	SHN	02/14/1995	11:05	95079304	14		MF	1.0		2.7		1.1						14.78	jr	0.990	2.8		64			
RS	KND	KND	02/14/1995	11:40	95079305	1		MF	2.0		2.0		1.4						49.87	jr	0.708	3.8		58			
RS	PIE	PIE	02/14/1995	12:35	95079307	540		MF	1.0		6.0		0.3						0.15	jr	0.970	2.0					
RS	BUR	BUR	02/14/1995	12:20	95079308	78		MF	6		10								0.05	jr	0.992	3.6		48			
LS	QA	BUR	02/21/1995	14:55	95089300	58		MF	5.0		7.7																
FD	QA	BUR	02/21/1995	14:55	95089300	60		MF	5.0		7.8												9.8		79		
RS	MCL	MCL	02/21/1995	13:45	95089302	40		MF	23		14		2						204.17	jrx	0.879	8.5		38			
RS	PRY	PRY	02/21/1995	14:00	95089303	2		MF	8.0		5.3		1.9						96.75	jrx	0.947	8.2		45			
RS	SHN	SHN	02/21/1995	14:15	95089304	23		MF	30		17		2						94.45	jr	0.990	8.5		45			
RS	KND	KND	02/21/1995	14:25	95089305	3		MF	32		20		3						310.64	jrgmx	0.655	8.3		44			
RS	PIE	PIE	02/21/1995	14:45	95089307	680		MF	3.0		8.3		0.4						0.43	jrx	0.970	11.8		40			
RS	BUR	BUR	02/21/1995	14:55	95089308	40		MF	5.0		7.7								0.19	jrx	0.992	9.8		79			
LS	QA	SHN	02/28/1995	9:45	95099300			MF	3.0		2.9																
FD	QA	SHN	02/28/1995	9:45	95099300	6		MF	3.0		3.0																
RS	MCL	MCL	02/28/1995	9:00	95099302	16		MF	4.0		2.6		1.1						44.72	jr	0.946	4.7		47			
RS	PRY	PRY	02/28/1995	9:20	95099303	1		MF	1.0		1.6		1.2						20.07	jr	0.950	4.7		53			
RS	SHN	SHN	02/28/1995	9:40	95099304	5		MF	3.0		2.9		1.3						22.33	jr	0.990	4.6		60			
RS	KND	KND	02/28/1995	9:50	95099305	1		MF	4.0		2.4		2.1						106.64	jr	0.708	5.5		54			
RS	PIE	PIE	02/28/1995	10:30	95099307	730		MF	2.0		4.7		0.3						0.06	jr	0.970	3.2		48			
LS	PIE	PIE	02/28/1995	10:30	95099307	730		MF																			
RS	BUR	BUR	02/28/1995	10:40	95099308	220		MF	5.0		6.6								0.04	jr	0.992	4.6		216			
LS	QA	SHN	03/07/1995	14:25	95109300	15		MF	2.0		1.6																
FD	QA	SHN	03/07/1995	14:25	95109300	8		MF	2.0		1.5																
RS	MCL	MCL	03/07/1995	14:25	95109302	8		MF	1.0		1.4		1.0						35.81	jr	0.946	6.8		52			
RS	PRY	PRY	03/07/1995	14:50	95109303	5		MF	1.0	U	0.6		1.1						14.72	jr	0.950	6.3		56			
RS	SHN	SHN	03/07/1995	15:15	95109304	3		MF	1.0		2.0		1.2						16.44	jr	0.990	6.7		66			
RS	KND	KND	03/07/1995	15:40	95109305	1		MF	2.0		1.5		1.7						72.78	jr	0.708	6.6		59			
RS	PIE	PIE	03/07/1995	16:10	95109307	1400		MF	2.0		4.9		0.2						0.04	jr	0.970	7.8		50			
RS	BUR	BUR	03/07/1995	16:30	95109308	200		MF	6.0		8.5								0.07	jr	0.992	8.1		271			
LS	QA	BUR	03/14/1995	11:00	95119300	210		MF	12		16																
FD	QA	BUR	03/14/1995	11:00	95119300	240		MF	9		16																
RS	MCL	MCL	03/14/1995	9:05	95119302	100	S	MF	19		11		2						194.49	jrx	0.946	8.1		40			
RS	PRY	PRY	03/14/1995	9:30	95119303	200		MF	19		11		2						124.95	jrx	0.950	8.1		43			
RS	SHN	SHN	03/14/1995	10:00	95119304	30	S	MF	24		17		2						92.33	jrx	0.990	9.0		43			
RS	KND	KND	03/14/1995	10:15	95119305	11		MF	21		11		3						291.31	jrgmx	0.655	8.2		43			
RS	PIE	PIE	03/14/1995	10:40	95119307	230		MF	8		13		1						1.89	jrx	0.970	11.1		35			
RS	BUR	BUR	03/14/1995	11:00	95119308	200		MF	10		16								1.24	jrx	0.992	9.8		68			
LS	QA	KND	03/21/1995	13:25	95129300	6		MF	19		13																

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
FD	QA	KND	03/21/1995	13:25	95129300	10		MF	18		13															
RS	MCL	MCL	03/21/1995	10:50	95129302	35	JS	MF	8.0		5.5		1.9			153.61		26		153.65			7.6		40	
RS	PRY	PRY	03/21/1995	12:20	95129303	29	JS	MF	5.0		4.0		1.9			97.51		27		97.51			7.5		43	
RS	SHN	SHN	03/21/1995	13:00	95129304	20		MF	15		11		2			80.71		7		80.71			8.4		46	
RS	KND	KND	03/21/1995	13:25	95129305	18		MF	17		13		3					0		250.36	jrgmx	0.655	8.0		43	
RS	PIE	PIE	03/21/1995	14:00	95129307	270		MF	5		10		0		1.310	jf	20		1.31	jf		11.0		41		
RS	BUR	BUR	03/21/1995	14:30	95129308	110		MF	5		11				0.778	jf	14		0.78	jf		10.0		88		
LS	QA	MCL	03/28/1995	13:10	95139300	12		MF	2.0		1.4															
FD	QA	MCL	03/28/1995	13:10	95139300	8		MF	2.0		1.3															
RS	MCL	MCL	03/28/1995	13:10	95139302	20		MF	2.0		1.5		1.2			48.08		26		48.08			8.7		48	
RS	PRY	PRY	03/28/1995	12:45	95139303	9		MF	1.0		0.9		1.2			21.74		26		21.74			7.9		54	
RS	SHN	SHN	03/28/1995	10:30	95139304	2		MF	3.0		2.6		1.2			18.83		19		18.83			7.9		61	
RS	KND	KND	03/28/1995	10:00	95139305	1		MF	4.0		2.2		2.1			88.83		27		88.83			7.2		53	
RS	PIE	PIE	03/28/1995	12:00	95139307	390		MF	3.0		5.8		0.3		0.0859	jf	21		0.09	jf		8.8		53		
RS	BUR	BUR	03/28/1995	11:15	95139308	53		MF	4.0		6.6				0.1549	jf	14		0.15	jf		9.2		172		
LS	QA	PIE	04/04/1995	13:10	95149300	150		MF	9		12															
FD	QA	PIE	04/04/1995	13:10	95149300	150		MF	6		11												11.5		65	
RS	MCL	MCL	04/04/1995	9:45	95149302	160		MF	3.0		1.9		1.0			32.96		28		32.96			8.8		55	
RS	PRY	PRY	04/04/1995	10:30	95149303	5		MF	1.0	U	1.0		1.1			13.28		24		13.28			8.9		58	
RS	SHN	SHN	04/04/1995	11:20	95149304	16		MF	3.0		2.4		1.1			12.58		37		12.58			10.3		69	
RS	KND	KND	04/04/1995	12:25	95149305	3		MF	3.0		1.5		1.4			39.44		28		39.44			10.9		61	
RS	PIE	PIE	04/04/1995	13:10	95149307	150		MF	6		10		0		0.0512	jf	13		0.05	jf		11.5		65		
RS	BUR	BUR	04/04/1995	13:50	95149308	1200		MF	8		10				0.0989	jf	9		0.10	jf		13.0		266		
LS	QA	PRY	04/11/1995	12:15	95159300	28		MF	1.0	U	1.3												7.9		56	
FD	QA	PRY	04/11/1995	12:15	95159300	29		MF	1.0	U	1.3												8.2		54	
RS	MCL	MCL	04/11/1995	12:55	95159302	49		MF	1.0	U	1.6		1.0			31.81		27		31.81			8.2		54	
RS	PRY	PRY	04/11/1995	12:15	95159303	19		MF	1.0	U	1.2		1.2			17.81		26		17.81			7.9		56	
RS	SHN	SHN	04/11/1995	10:40	95159304	9		MF	2.0		2.7		1.1			12.56		36		12.56			8.4		69	
RS	KND	KND	04/11/1995	11:25	95159305	1	U	MF	2.0		1.7		1.5			55.35		21		55.35			7.9		58	
RS	PIE	PIE	04/11/1995	9:25	95159307	66		MF	5		11		0		0.0876		14		0.0876			7.4		57		
RS	BUR	BUR	04/11/1995	10:05	95159308	220		MF	4.0		8.3				0.1078		8		0.1078			8.4		214		
LS	QA	BCUL	04/18/1995	14:50	95169300	60	X	MF	6.0		8.0															
FD	QA	BCUL	04/18/1995	14:50	95169300	69		MF	6.0		8.0												13.2		66	
RS	MCL	MCL	04/18/1995	13:40	95169302	24		MF	2.0		1.2		0.9						35.14	jr	0.946	8.6		55		
RS	PRY	PRY	04/18/1995	14:10	95169303	13		MF	1.0		0.6		1.1			15.81		jr	0.950	15.81		8.1		57		
RS	SHN	SHN	04/18/1995	15:30	95169304	5		MF	2.0		1.8		1.1			10.57		jr	0.990	10.57		10.3		67		
RS	KND	KND	04/18/1995	16:15	95169305	1		MF	2.0		1.1		1.3			49.44		jr	0.862	49.44		9.6		62		
RS	PIE	PIE	04/18/1995	15:00	95169307	14		MF	5		10		0			0.04		jrj	0.970	0.04		10.3		58		
RS	BUR	BUR	04/18/1995	14:40	95169308	51	X	MF	7.0		8.2					0.09		jrj	0.992	0.09		13.2		444		
RS	MCL	MCL	04/28/1995	12:15									0.9			23.01		24		23.01						
RS	PRY	PRY	04/28/1995	12:45									1.07			11.53		23		11.53						
RS	SHN	SHN	04/28/1995	14:05									1.02			8.99		32		8.99						
RS	KND	KND	04/28/1995	14:40									1.11			37.64		25		37.64						
RS	PIE	PIE	04/28/1995	13:20									0.25			0.0728		14		0.0728						
RS	BUR	BUR	04/28/1995	13:45											0.1010		7		0.1010							
LS	QA	PRY	11/14/1995	10:40	95469400	20	S	MF	6.0		3.8															
FD	QA	PRY	11/14/1995	10:40	95469400	31	S	MF	6.0		3.9		1.6										10.8		56	
RS	MCL	MCL	11/14/1995	10:55	95469402	27		MF	10.0		6.0		1.8			120.70		26		120.70			10.8		48	
RS	PRY	PRY	11/14/1995	10:25	95469403	31	S	MF	6.0		3.2		1.6			42.83		21		42.83			10.7		56	
RS	SHN	SHN	11/14/1995	9:10	95469404	21		MF	11.0		9.4		1.5			34.86		21		34.86			10.3		61	
RS	KND	KND	11/14/1995	8:50	95469405	33		MF	13.0		6.9		2.5		2.89		0		214.16	jr	0.973	10.8		55		
RS	PIE	PIE	11/14/1995	8:00	95469407	310		MF	4		13		0			0.54	jf	18		0.54	jf		10.3		46	
RS	BUR	BUR	11/14/1995	7:10	95469408	320		MF	6		15				0.365	jf	13		0.365	jf		10.8		88		
LS	QA	MCL	11/20/1995	12:25	95479400	15		MF	7.0		3.9															
FD	QA	MCL	11/20/1995	12:25	95479400	10		MF	6.0		3.7															
RS	MCL	MCL	11/20/1995	12:25	95479402	21		MF	6.0		4.5		1.0			51.87		21		51.87			8.4		53	
RS	PRY	PRY	11/20/1995	12:10	95479403	11		MF	4.0		2.6		1.2			20.33		28		20.33			8.0		60	
RS	SHN	SHN	11/20/1995	11:10	95479404	7		MF	4.0		4.2		1.2			14.40		20		14.40			8.0		68	
RS	KND	KND	11/20/1995	10:35	95479405	4		MF	5.0		3.6		1.7			72.02		36		72.02			8.3		60	
RS	PIE	PIE	11/20/1995	9:10	95479407	80		MF	2.0		8.8		0.3			0.08	jf	15		0.08	jf		6.4		55	
RS	BUR	BUR	11/20/1995	8:45	95479408	89		MF	7		16				0.089	jf	9		0.089	jf		7.3		519		

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r^2 for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
LS	QA	KND	11/28/1995	12:15	95489400	34		MF	28		15															
FD	QA	KND	11/28/1995	12:15	95489400	40		MF	25		14															
RS	MCL	MCL	11/28/1995	13:25	95489402	76		MF	14.0		8.9					194.46		23		194.46			10.9			43
RS	PRY	PRY	11/28/1995	13:10	95489403	59	S	MF	11.0		6.6					97.67		21		97.67			10.8			51
RS	SHN	SHN	11/28/1995	11:35	95489404	52	S	MF	14		13					61.96		23		61.96			10.4			54
RS	KND	KND	11/28/1995	12:15	95489405	20		MF	26		15						0			376.78	jrx	0.973	10.7			50
RS	PIE	PIE	11/28/1995	15:00	95489407	210		MF	3		12					1.07	jf	16		1.07	jf		11.9			50
RS	BUR	BUR	11/28/1995	15:35	95489408	260		MF	8		14					0.804	jf	19		0.804	jf		11.4			132
LS	QA	PIE	12/05/1995	11:45	95499400	74		MF	2.0		7.2															
FD	QA	PIE	12/05/1995	11:45	95499400	76		MF	2.0		7.3															
RS	MCL	MCL	12/05/1995	9:20	95499402	19		MF	10.0		6.1					103.46		20		103.46			7.3			44
RS	PRY	PRY	12/05/1995	10:30	95499403	6		MF	6.0		3.9					63.36		18		63.36			7.4			52
RS	SHN	SHN	12/05/1995	13:10	95499404	4		MF	9.0		7.9					52.86		18		52.86			6.3			53
RS	KND	KND	12/05/1995	15:00	95499405	3		MF	10.0		7.0				2.84	193.10		23		193.10			7.8			52
RS	PIE	PIE	12/05/1995	12:05	95499407	100		MF	2.0		7.4					0.255	jf	12		0.255	jf		5.9			48
RS	BUR	BUR	12/05/1995	11:30	95499408	130		MF	4.0		7.5					0.346	jf	17		0.346	jf		6.9			97
LS	QA	BUR	12/12/1995	15:20	95509400	240		MF	6		11															
FD	QA	BUR	12/12/1995	15:20	95509400	320		MF	6		11															
RS	MCL	MCL	12/12/1995	12:35	95509402	22		MF	10.0		6.6					160.23		17		160.23			9.0			43
RS	PRY	PRY	12/12/1995	12:15	95509403	44		MF	8.0		5.6					112.27		20		112.27			9.2			46
RS	SHN	SHN	12/12/1995	13:40	95509404	28		MF	24		17					102.17		17		102.17			8.9			46
RS	KND	KND	12/12/1995	14:10	95509405	20		MF	13.0		8.9					291.17		17		291.17			9.0			47
RS	PIE	PIE	12/12/1995	15:00	95509407	170		MF	5		14					1.56	jf	12		1.56	jf		9.3			40
RS	BUR	BUR	12/12/1995	15:20	95509408	230		MF	6		12					1.16	jf	15		1.16	jf		9.1			62
LS	QA	SHN	12/19/1995	10:30	95519400	8		MF	7.0		6.2															
FD	QA	SHN	12/19/1995	10:30	95519400	12		MF	7.0		6.0															
RS	MCL	MCL	12/19/1995	7:50	95519402	56		MF	5.0		2.9					82.55		18		82.55			8.2			46
RS	PRY	PRY	12/19/1995	8:50	95519403	61		MF	4.0		2.7					50.22		19		50.22			8.2			52
RS	SHN	SHN	12/19/1995	10:30	95519404	6		MF	6.0		6.3					40.40		22		40.40			7.9			54
RS	KND	KND	12/19/1995	11:25	95519405	5		MF	7.0		4.1				2.64	173.44		18		173.44			8.5			52
RS	PIE	PIE	12/19/1995	10:00	95519407	160		MF	5.0		9.2					0.422	jf	14		0.422	jf		7.1			46
RS	BUR	BUR	12/19/1995	9:25	95519408	46		MF	4.0		9.0					0.504	jf	18		0.504	jf		7.8			102
LS	QA	PIE	12/26/1995	14:25	95529400	160		MF	2.0		7.4															
FD	QA	PIE	12/26/1995	14:25	95529400	240		MF	2.0		7.3															
RS	MCL	MCL	12/26/1995	10:50	95529402	57		MF	3.0		1.7					36.85		15		36.85			4.2			51
RS	PRY	PRY	12/26/1995	12:05	95529403	33		MF	1.1	U	0.8					14.77		19		14.77			4.2			58
RS	SHN	SHN	12/26/1995	12:45	95529404	6		MF	2.0		2.6					13.07		18		13.07			4.1			66
RS	KND	KND	12/26/1995	13:30	95529405	14		MF	3.0		1.7				1.7	71.26		21		71.26			4.6			59
RS	PIE	PIE	12/26/1995	14:10	95529407	150		MF	1.1		7.5					0.102	jf	15		0.102	jf		4.1			55
RS	BUR	BUR	12/26/1995	14:40	95529408	56		MF	2.0		7.6					0.111	jf	12		0.111	jf		5.0			370
LS	QA	SHN	01/02/1996	10:50	96019400	27		MF	6.0		4.8															
FD	QA	SHN	01/02/1996	10:50	96019400	16		MF	5.0		4.6															
RS	MCL	MCL	01/02/1996	8:15	96019402	17		MF	4.0		3.0					67.26		24		67.26			8.7			51
RS	PRY	PRY	01/02/1996	9:15	96019403	6		MF	2.0		1.7					39.60		19		39.60			8.8			54
RS	SHN	SHN	01/02/1996	10:50	96019404	26		MF	6.0		4.6					30.49		20		30.49			8.7			58
RS	KND	KND	01/02/1996	11:15	96019405	14		MF	4.0		3.0				2.2	127.49		21		127.49			8.8			53
RS	PIE	PIE	01/02/1996	10:10	96019407	210		MF	4		11					0.176	jf	15		0.176	jf		8.7			52
RS	BUR	BUR	01/02/1996	9:40	96019408	87		MF	5		12					0.284	jf	13		0.284	jf		8.7			103
LS	QA	SHN	01/09/1996	16:15	96029400	8		MF	11		10															
FD	QA	SHN	01/09/1996	16:15	96029400	10		MF	10.0		9.8															
RS	MCL	MCL	01/09/1996	13:15	96029402	14		MF	13.0		9.0					126.31		22		126.31			8.4			42
RS	PRY	PRY	01/09/1996	14:25	96029403	33		MF	3.0		3.5					70.54		21		70.54			8.5			50
RS	SHN	SHN	01/09/1996	16:05	96029404	13		MF	11.0		9.8					51.96		19		51.96			8.0			51
RS	KND	KND	01/09/1996	16:30	96029405	12		MF	10.0		5.8						0			209.74	jrx	0.973	8.4			46
RS	PIE	PIE	01/09/1996	15:35	96029407	240		MF	3		14					0.395	jf	15		0.395	jf		8.3			45
RS	BUR	BUR	01/09/1996	15:10	96029408	88		MF	6		12					0.621	jf	15		0.621	jf		8.3			109
LS	QA	PIE	01/16/1996	16:50	96039400	200		MF	4		11															
FD	QA	PIE	01/16/1996	16:50	96039400	230		MF	3		11															
RS	MCL	MCL	01/16/1996	12:45	96039402	23		MF	9.0		6.4					147.46		18		147.46			7.8			43
RS	PRY	PRY	01/16/1996	14:05	96039403	6		MF	2.0		2.7					58.42		20		58.42			7.5			48
RS	SHN	SHN	01/16/1996	15:00	96039404	24		MF	9		10					60.77		17		60.77			7.6			40

Appendix B.

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	KND	KND	01/16/1996	15:55	96039405	5		MF	8.0		6.0		2.5			244.05		17		244.05			7.7		47		
RS	PIE	PIE	01/16/1996	16:50	96039407	210		MF	4		11		0			0.511	jf	16		0.511	jf		7.7		46		
RS	BUR	BUR	01/16/1996	17:25	96039408	53		MF	4		10					0.547	jf	19		0.547	jf		7.5		115		
LS	QA	PRY	01/23/1996	12:25	96049400	11		MF	3.0		2.7												6.2		36		
FD	QA	PRY	01/23/1996	12:25	96049400	7		MF	2.0		2.8		1.9										6.2		38		
RS	MCL	MCL	01/23/1996	11:40	96049402	44		MF	7.0		5.4		2.2			191.89		19		191.89			5.8		38		
RS	PRY	PRY	01/23/1996	12:05	96049403	15		MF	3.0		2.7		1.9			95.96		20		95.96			6.2		45		
RS	SHN	SHN	01/23/1996	14:10	96049404	12		MF	16		12		2			93.42		16		93.42			5.5		45		
RS	KND	KND	01/23/1996	15:00	96049405	12		MF	7.0		5.8		2.8			305.34		19		305.34			6.4		43		
RS	PIE	PIE	01/23/1996	13:00	96049407	100		MF	3		11		0			0.850	jf	13		0.850	jf		5.8		38		
RS	BUR	BUR	01/23/1996	13:35	96049408	32		MF	4.0		8.8					0.889	jf	19		0.889	jf		6.1		107		
LS	QA	SHN	01/30/1996	14:35	96059400	19		MF	3.0		3.0												2.3		64		
FD	QA	SHN	01/30/1996	14:35	96059400	15		MF	3.0		3.4		1.4										2.3		64		
RS	MCL	MCL	01/30/1996	12:40	96059402	10		MF	2.0		2.2		0.8			52.60		17		52.60			3.0		50		
RS	PRY	PRY	01/30/1996	13:40	96059403	4		MF	1.1		1.3		1.4			22.90		21		22.90			2.5		57		
RS	SHN	SHN	01/30/1996	14:10	96059404	22		MF	3.0		3.1		1.4			25.34		18		25.34			2.3		62		
RS	KND	KND	01/30/1996	15:20	96059405	5		MF	4.0		2.7		1.6			96.31		22		96.31			3.0		56		
RS	PIE	PIE	01/30/1996	16:45	96059407	230		MF	1.1		8.8		0.3			0.142	jf	16		0.142	kf		1.4		53		
RS	BUR	BUR	01/30/1996	17:00	96059408	34		MF	233		60					0.212	jf	7		0.212	jf		1.7		271		
LS	QA	SHN	02/06/1996	16:00	96069400	180	p	MF	112		65																
FD	QA	SHN	02/06/1996	16:00	96069400	110	p	MF	108		70																
RS	MCL	MCL	02/06/1996	12:10	96069402	160		MF	68		40		3					0		360.90	jrx	0.969	6.3		38		
RS	PRY	PRY	02/06/1996	13:20	96069403	73		MF	111		60		2			160.84		20		160.838			6.8		43		
RS	SHN	SHN	02/06/1996	16:00	96069404	160		MF	119		60		3					0		219.36	jrx	0.906	5.9		43		
RS	KND	KND	02/06/1996	16:20	96069405	48		MF	135		70		3					0		507.39	jrx	0.973	6.8		43		
RS	PIE	PIE	02/06/1996	15:30	96069407	450	S	MF	42		39		1			13.07		21		13.0731			6.4		32		
RS	BUR	BUR	02/06/1996	14:20	96069408	1400		MF	43		36					8.89		14		8.89415			6.4		43		
LS	QA	BUR	02/13/1996	15:50	96079400	9	p	MF	3.0		8.6																
FD	QA	BUR	02/13/1996	15:50	96079400	29	p	MF	3.0		8.4																
RS	MCL	MCL	02/13/1996	11:45	96079402	2		MF	6.0		3.7		1.5			79.57		21		79.57			6.3		48		
RS	PRY	PRY	02/13/1996	12:55	96079403	9		MF	2.0		2.1		1.5			37.35		17		37.35			6.3		53		
RS	SHN	SHN	02/13/1996	14:35	96079404	4		MF	6.0		5.9		1.9			36.62		13		36.62			6.4		58		
RS	KND	KND	02/13/1996	13:55	96079405	3		MF	9.0		5.1		2.4			158.79		23		158.79			6.6		55		
RS	PIE	PIE	02/13/1996	15:15	96079407	120		MF	2		11					0.243	jf	12		0.243	jf		8.2		49		
RS	BUR	BUR	02/13/1996	15:50	96079408	29		MF	3.0		8.4					0.505	jf	13		0.505	jf		7.0		145		
LS	QA	PIE	02/20/1996	14:25	96089400	77		MF	4	p	15												9.2		45		
FD	QA	PIE	02/20/1996	14:25	96089400	88		MF	3	p	15												9.2		45		
RS	MCL	MCL	02/20/1996	12:50	96089402	33		MF	6.0		4.9		1.7						84.92	jr	0.969	7.7		46			
RS	PRY	PRY	02/20/1996	12:30	96089403	110		MF	5.0		5.6		1.7			62.78		jr	0.991	62.78	jr	0.991	7.5		50		
RS	SHN	SHN	02/20/1996	13:15	96089404	11		MF	8.0		8.8		2.0			62.95		jr	0.906	62.95	jr	0.906	7.8		55		
RS	KND	KND	02/20/1996	13:30	96089405	3		MF	7.0		5.1		2.3		2.45	188.51		jr	0.973	188.51	jr	0.973	7.6		52		
RS	PIE	PIE	02/20/1996	14:00	96089407	110		MF	3		15					0.52	jrg		0.846	0.52	jrg	0.846	9.2		46		
RS	BUR	BUR	02/20/1996	14:10	96089408	33		MF	4		13					0.53	jrg		0.886	0.53	jrg	0.886	8.4		132		
LS	QA	BUR	02/27/1996	17:00	96099400	15	p	MF	15		10																
FD	QA	BUR	02/27/1996	17:00	96099400	28	p	MF	16		10																
RS	MCL	MCL	02/27/1996	12:00	96099402	8		MF	2.0		2.0		1.2			68.68		18		68.68			5.0		50		
RS	PRY	PRY	02/27/1996	13:30	96099403	2		MF	2.0		1.5		1.5			35.64		17		35.64			5.0		54		
RS	SHN	SHN	02/27/1996	15:30	96099404	7		MF	5.0		4.2		1.7			35.58		13		35.58			4.7		58		
RS	KND	KND	02/27/1996	14:45	96099405	1	U	MF	4.0		2.7		2.0		2.04	116.10		17		116.10			5.3		54		
RS	PIE	PIE	02/27/1996	16:40	96099407	84		MF	2.0		8.2					0.190	jf	13		0.190	jf		4.7		51		
RS	BUR	BUR	02/27/1996	17:00	96099408	22		MF	17		11					0.281	jf	15		0.281	jf		4.5		157		
LS	QA	SHN	03/05/1996	13:35	96109400	6		MF	3.0		3.2																
FD	QA	SHN	03/05/1996	13:35	96109400	6		MF	3.0		3.4																
RS	MCL	MCL	03/05/1996	10:55	96109402	18		MF	2.0		2.1		1.1			52.61		17		52.61			6.7		52		
RS	PRY	PRY	03/05/1996	11:45	96109403	11		MF	2.0		1.7		1.3			21.68		16		21.68			6.4		56		
RS	SHN	SHN	03/05/1996	13:25	96109404	11		MF	3.0		3.2		1.6			23.75		18		23.75			6.9		67		
RS	KND	KND	03/05/1996	14:10	96109405	2		MF	3.0		2.0		1.7			81.32		21		81.32			6.8		58		
RS	PIE	PIE	03/05/1996	12:30	96109407	88		MF	4		12					0.400	jf	10		0.400	jf		7.0		50		
RS	BUR	BUR	03/05/1996	12:45	96109408	35		MF	3		12					0.284	jf	11		0.284	jf		6.5		206		
LS	QA	BUR	03/12/1996	16:10	96119400	57		MF	6		13																
FD	QA	BUR	03/12/1996	16:10	96119400	53		MF	6		13																

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r^2 for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	MCL	MCL	03/12/1996	12:35	96119402	19		MF	3.0		2.6		1.1					60.28	17	60.28			9.1		52	
RS	PRY	PRY	03/12/1996	13:25	96119403	2		MF	2.0		2.7		1.5					29.83	17	29.83			8.8		58	
RS	SHN	SHN	03/12/1996	14:55	96119404	16		MF	5.0		5.9		1.7					30.25	13	30.25			10.1		63	
RS	KND	KND	03/12/1996	14:10	96119405	1	U	MF	3.0		2.0		1.7		1.58			79.41	15	79.41			9.0		58	
RS	PIE	PIE	03/12/1996	15:35	96119407	150		MF	4		11						0.382	jf	13	0.382	jf		11.4		55	
RS	BUR	BUR	03/12/1996	16:10	96119408	51		MF	6		13						0.276	jf	11	0.276	jf		10.4		149	
LS	QA	SHN	03/19/1996	14:15	96129400	1	p	MF	3.0		2.6															
FD	QA	SHN	03/19/1996	14:15	96129400	2	p	MF	3.0		2.7												10.3		73	
RS	MCL	MCL	03/19/1996	10:35	96129402	8		MF	2.0		2.5		0.8					36.58	16	36.58			8.7		58	
RS	PRY	PRY	03/19/1996	11:55	96129403	4		MF	1.1		1.0		1.3					16.04	15	16.04			8.7		61	
RS	SHN	SHN	03/19/1996	13:50	96129404	1	U	MF	3.0		2.6		1.5					15.06	17	15.06			10.2		73	
RS	KND	KND	03/19/1996	15:00	96129405	1		MF	2.0		1.7		1.4		1.24			49.77	15	49.77			9.5		64	
RS	PIE	PIE	03/19/1996	13:00	96129407	52		MF	3.0		8.6						0.089	jf	10	0.089	jf		10.9		59	
RS	BUR	BUR	03/19/1996	12:30	96129408	22		MF	6		11						0.107	jf	10	0.107	jf		11.5		380	
LS	QA	SHN	03/26/1996	15:20	96139400	1	p	MF	2.0		1.7															
FD	QA	SHN	03/26/1996	15:20	96139400	2	p	MF	2.0		1.7												8.8		78	
RS	MCL	MCL	03/26/1996	12:20	96139402	14		MF	2.0		1.6		0.6					25.81	15	25.81			7.0		60	
RS	PRY	PRY	03/26/1996	13:15	96139403	1		MF	1.1		0.7		1.1					10.78	19	10.78			7.2		64	
RS	SHN	SHN	03/26/1996	15:05	96139404	1		MF	2.0		2.0		1.4					11.23	16	11.23			8.7		78	
RS	KND	KND	03/26/1996	14:30	96139405	1		MF	2.0		1.1		1.2					35.38	19	35.38					73	
RS	PIE	PIE	03/26/1996	16:05	96139407	23		MF	4.0		7.1				1.00			0.063	jf	9	0.063	jf	9.4		68	
RS	BUR	BUR	03/26/1996	16:25	96139408	12		MF	7		10							0.077	jf	9	0.077	jf	10.2		335	
LS	QA	MCL	04/02/1996	9:40	96149400	27		MF	2.0		2.1															
FD	QA	MCL	04/02/1996	9:40	96149400	28		MF	2.0		2.0															
RS	MCL	MCL	04/02/1996	9:40	96149402	27		MF	2.0		2.1		0.7					28.12	15	28.12			7.5		60	
RS	PRY	PRY	04/02/1996	10:45	96149403	5		MF	1.1		1.2		1.2					10.03	19	10.03			7.5		64	
RS	SHN	SHN	04/02/1996	12:35	96149404	31		MF	2.0		2.0		1.4					11.99	17	11.99			9.1		81	
RS	KND	KND	04/02/1996	13:20	96149405	1	U	MF	2.0		1.2		1.2		1.01			35.95	14	35.95			8.3		69	
RS	PIE	PIE	04/02/1996	11:55	96149407	28		MF	3		11							0.094	jf	10	0.094	jf	8.6		71	
RS	BUR	BUR	04/02/1996	11:30	96149408	25		MF	5		11							0.071	jf	10	0.071	jf	9.9		474	
LS	QA	PIE	04/09/1996	14:50	96159400	18		MF	6		11															
FD	QA	PIE	04/09/1996	14:50	96159400	22		MF	6		11															
RS	MCL	MCL	04/09/1996	12:00	96159402	22	X	MF	2.0		1.9		0.5					17.59	15	17.59			11.8		67	
RS	PRY	PRY	04/09/1996	12:50	96159403	2		MF	1.1		0.9		1.1					6.05	15	6.05			11.7		70	
RS	SHN	SHN	04/09/1996	13:25	96159404	2		MF	2.0		2.0		1.3					8.11	15	8.11			12.6		88	
RS	KND	KND	04/09/1996	13:55	96159405	1		MF	2.0		1.1		1.1		0.85			24.36	14	24.36			11.8		76	
RS	PIE	PIE	04/09/1996	14:50	96159407	20		MF	6		11							0.040	jf	10	0.040	jf	13.3		87	
RS	BUR	BUR	04/09/1996	15:15	96159408	620		MF	12		13							0.082	jf	7	0.082	jf	14.0		831	
LS	QA	KND	04/16/1996	15:45	96169400	5		MF	5.0		3.2															
FD	QA	KND	04/16/1996	15:45	96169400	11		MF	4.0		3.4															
RS	MCL	MCL	04/16/1996	10:15	96169402	410		MF	5.0		4.4		1.0					53.14	17	53.14			10.1		57	
RS	PRY	PRY	04/16/1996	11:45	96169403	120		MF	2.0		2.3		1.4					22.72	16	22.72			9.9		62	
RS	SHN	SHN	04/16/1996	14:30	96169404	49		MF	5.0		4.9		1.5					19.92	18	19.92			12.3		75	
RS	KND	KND	04/16/1996	15:45	96169405	5		MF	4.0		3.3		1.7		1.45			82.40	15	82.40			11.2		61	
RS	PIE	PIE	04/16/1996	13:20	96169407	120		MF	7		16							0.390	jf	13	0.390	jf	14.3		69	
RS	BUR	BUR	04/16/1996	12:55	96169408	1200		MF	7		16							0.236	jf	10	0.236	jf	13.4		285	
LS	QA	SHN	11/12/1996	13:15	96469500	24		MF	7.0		6.1												10.2		99	
FD	QA	SHN	11/12/1996	13:15	96469500	29		MF	7.0		6.1															
RS	MCL	MCL	11/12/1996	10:20	96469502	37		MF	13.0		6.3		0.8					26.94	15	26.94			10.2		70	
RS	PRY	PRY	11/12/1996	11:15	96469503	10		MF	12.0		5.9		1.4					10.51	16	10.51			10.3		78	
RS	SHN	SHN	11/12/1996	13:10	96469504	48		MF	8.0		5.8		1.3					4.81	13	4.81			10.2		99	
RS	KND	KND	11/12/1996	13:50	96469505	67		MF	15.0		9.4		0.8					26.22	18	26.22			10.2		76	
RS	PIE	PIE	11/12/1996	11:45	96469507	630		MF	2		22				0.84			0.092	jf	13	0.092	jf	10.5		66	
RS	BUR	BUR	11/12/1996	12:25	96469508	330		MF	18		40							0.074	jf	8	0.074	jf	11.2		1267	lab
LS	QA	PRY	11/19/1996	11:45	96479500	11		MF	10.0		4.5															
FD	QA	PRY	11/19/1996	11:45	96479500	6	P	MF	9.0		4.5												4.6		62	
RS	MCL	MCL	11/19/1996	10:55	96479502	92		MF	13.0		8.2		1.2					55.58	16	55.58			5.0		56	
RS	PRY	PRY	11/19/1996	11:35	96479503	25		MF	9.0		4.4		1.6					18.11	19	18.11			4.6		62	
RS	SHN	SHN	11/19/1996	9:15	96479504	21		MF	7.0		7.6		1.4					14.10	16	14.10			4.2		72	
RS	KND	KND	11/19/1996	9:45	96479505	31		MF	12.0		5.5		1.6		1.71			91.44	20	91.44			5.8		49	
RS	PIE	PIE	11/19/1996	8:35	96479507	930		MF	4		22							0.570	jf	15	0.570	jf	3.4		44	

Appendix B.

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	BUR	BUR	11/19/1996	8:15	96479508	1400		MF	20		33					0.391	jf	14		0.391			5.2		271	
LS	QA	MCL	11/25/1996	10:03	96489500	71		MF	22		10															
FD	QA	MCL	11/25/1996	10:03	96489500	60		MF	21		10		2												52	
RS	MCL	MCL	11/25/1996	10:03	96489502	77		MF	20.0		9.8		1.7			111.92		18		111.92			7.2		52	
RS	PRY	PRY	11/25/1996	10:50	96489503	36		MF	18.0		6.8		2.1			56.45		14		56.45			7.1		59	
RS	SHN	SHN	11/25/1996	12:32	96489504	34		MF	13		11		2			27.45		17		27.45			6.1		70	
RS	KND	KND	11/25/1996	13:02	96489505	63		MF	26		10		2		2.45		0		223.84		jr	0.958	7.4		61	
RS	PIE	PIE	11/25/1996	11:39	96489507	450		MF	2		14		0			0.551	jf	15		0.551			7.1		49	
RS	BUR	BUR	11/25/1996	12:00	96489508	71		MF	11		20					0.225	jf	13		0.225			7.4		319	
LS	QA	MCL	12/03/1996	12:15	96499500	17		MF	7.0		4.6															
FD	QA	MCL	12/03/1996	12:15	96499500	17		MF	7.0		4.6															
RS	MCL	MCL	12/03/1996	12:15	96499502	19		MF	8.0		4.5		1.6			113.75		18		113.75			6.3		49	
RS	PRY	PRY	12/03/1996	11:55	96499503	17		MF	6.0		3.7		2.0			60.82		21		60.82			6.0		55	
RS	SHN	SHN	12/03/1996	9:55	96499504	19	X	MF	4.0		6.1		1.8			43.12		21		43.12			4.8		58	
RS	KND	KND	12/03/1996	10:40	96499505	17		MF	13.0		6.6		2.0		2.24	183.41		17		183.41			6.3		56	
RS	PIE	PIE	12/03/1996	9:00	96499507	280		MF	1.0		9.3		0.3			0.512	jf	14		0.512		jf	3.7		53	
RS	BUR	BUR	12/03/1996	7:40	96499508	92	X	MF	3		14					0.320	jf	11		0.320		jf	5.2		110	
LS	QA	PIE	12/10/1996	11:20	96509500	220		MF	2		12															
FD	QA	PIE	12/10/1996	11:20	96509500	210		MF	2		12															47
RS	MCL	MCL	12/10/1996	9:30	96509502	65		MF	8.0		5.4		1.7			127.11		18		127.11			7.8		47	
RS	PRY	PRY	12/10/1996	10:30	96509503	18		MF	5.0		4.0		2.1			81.34		21		81.34			7.9		53	
RS	SHN	SHN	12/10/1996	12:25	96509504	15	X	MF	9.0		7.3		2.1			62.35		18		62.35			7.4		54	
RS	KND	KND	12/10/1996	13:05	96509505	36		MF	11.0		7.0		2.5		2.76	244.10		16		244.10			7.9		53	
RS	PIE	PIE	12/10/1996	11:20	96509507	270		MF	2		12		0			1.481	jf	16		1.481		jf	7.4		47	
RS	BUR	BUR	12/10/1996	11:00	96509508	180		MF	6		15					0.893	jf	9		0.893		jf	7.5		88	
LS	QA	KND	12/17/1996	9:30	96519500	15		MF	5.0		3.0															
FD	QA	KND	12/17/1996	9:30	96519500	19		MF	5.0		3.1															58
RS	MCL	MCL	12/17/1996	10:15	96519502	29		MF	4.0		2.5		1.1			65.86		18		65.86			5.0		53	
RS	PRY	PRY	12/17/1996	11:20	96519503	4		MF	2.0		1.9		1.8			33.69		19		33.69			5.3		56	
RS	SHN	SHN	12/17/1996	8:10	96519504	1		MF	4.0		3.7		1.6			27.56		16		27.56			4.5		56	
RS	KND	KND	12/17/1996	9:30	96519505	16		MF	5.0		3.0		1.6		1.65	127.84		20		127.84			5.4		58	
RS	PIE	PIE	12/17/1996	7:25	96519507	55		MF	1.0		7.5		0.3			0.178	jf	12		0.178		jf	2.0		54	
RS	BUR	BUR	12/17/1996	7:00	96519508	31		MF	7		12					0.244	jf	12		0.244		jf	3.8		205	
LS	QA	BUR	12/22/1996	11:00	96529500	75		MF	2	p	13															
FD	QA	BUR	12/22/1996	11:00	96529500	81		MF	3	p	14															115
RS	MCL	MCL	12/22/1996	9:00	96529502	36		MF	4.0		2.6		1.3			75.06		19		75.06			6.0		50	
RS	PRY	PRY	12/22/1996	10:05	96529503	32		MF	3.0		1.6		1.8			31.55		18		31.55			6.0		55	
RS	SHN	SHN	12/22/1996	13:10	96529504	19		MF	2.0		4.0		1.6			30.89		21		30.89			5.4		61	
RS	KND	KND	12/22/1996	13:40	96529505	15	X	MF	5.0		3.2		1.6		1.62	119.18		14		119.18			6.2		56	
RS	PIE	PIE	12/22/1996	11:50	96529507	200		MF	2.0		9.9		0.4			0.566	jf	16		0.566		jf	5.3		48	
RS	BUR	BUR	12/22/1996	11:00	96529508	60		MF	2		13					0.407	jf	14		0.407		jf	5.6		117	
LS	QA	PIE	01/07/1997	11:30	97029500	110		MF	2.0		9.8															
FD	QA	PIE	01/07/1997	11:30	97029500	120		MF	2.0		9.7		0.5													38
RS	MCL	MCL	01/07/1997	8:25	97029502	38		MF	8.0		4.7		2.4					0		183.07		jr	0.956	6.8		39
RS	PRY	PRY	01/07/1997	9:35	97029503	9		MF	4.0		3.4		2.3			84.52		21		84.52			7.0		47	
RS	SHN	SHN	01/07/1997	12:20	97029504	25		MF	8.0		7.5		1.8			77.51		18		77.51			7.0		48	
RS	KND	KND	01/07/1997	12:55	97029505	30		MF	14.0		8.6		3.3		3.85		0		505.23		jr	0.958	7.5		46	
RS	PIE	PIE	01/07/1997	11:30	97029507	80		MF	2.0		9.9		0.5			1.17		17		1.171			7.5		38	
RS	BUR	BUR	01/07/1997	10:05	97029508	40		MF	4		10					1.16	jf	12		1.156			6.9		95	
LS	QA	SHN	01/14/1997	13:25	97039500	5		MF	2.0		3.6															
FD	QA	SHN	01/14/1997	13:25	97039500	7		MF	2.0		3.6		1.5													61
RS	MCL	MCL	01/14/1997	11:35	97039502	24		MF	3.0		2.8		1.1			49.39		20		49.39			3.4		49	
RS	PRY	PRY	01/14/1997	12:45	97039503	10		MF	1.0		1.4		1.8			24.74		19		24.74			3.4		51	
RS	SHN	SHN	01/14/1997	13:20	97039504	6		MF	3.0		3.4		1.5			19.44		16		19.44			3.1		61	
RS	KND	KND	01/14/1997	14:00	97039505	14		MF	7.0		4.1		1.5		1.60	101.99		17		101.99			4.2		54	
RS	PIE	PIE	01/14/1997	14:50	97039507	660		MF	1.0		8.3		0.3			0.191	jf	13		0.191		jf	1.6		49	
RS	BUR	BUR	01/14/1997	15:10	97039508	16		MF	4		11					0.268	jf	12		0.268		jf	3.0		268	
LS	QA	KND	01/21/1997	12:35	97049500	11		MF	4.0		3.2															
FD	QA	KND	01/21/1997	12:35	97049500	15		MF	4.0		3.1															
RS	MCL	MCL	01/21/1997	9:15	97049502	30		MF	3.0		2.7		1.7			110.08		17		110.08			7.0		45	
RS	PRY	PRY	01/21/1997	10:10	97049503	6		MF	2.0		1.9		2.2			61.92		20		61.92			7.0		49	

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r^2 for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	SHN	SHN	01/21/1997	11:50	97049504	27	S	MF	5.0		5.2		2.0			59.43		20		59.43			6.7		51	
RS	KND	KND	01/21/1997	12:35	97049505	11		MF	5.0		2.7		2.1		2.28	200.31		18		200.31			7.0		50	
RS	PIE	PIE	01/21/1997	11:10	97049507	120		MF	2.0		9.6		0.4			0.751	jf	12		0.751	jf		6.4		40	
RS	BUR	BUR	01/21/1997	10:35	97049508	69		MF	4		11					0.621	jf	17		0.621	jf		6.5		106	
LS	QA	MCL	01/28/1997	10:20	97059500	56		MF	3.0		3.1															
FD	QA	MCL	01/28/1997	10:20	97059500	58		MF	3.0		3.1		1.4										5.3		46	
RS	MCL	MCL	01/28/1997	9:57	97059502	66		MF	3.0		4.1		1.4			89.53		29		89.53			5.2		45	
RS	PRY	PRY	01/28/1997	11:05	97059503	7		MF	1.0	U	2.0		2.0			39.41		15		39.41			5.7		46	
RS	SHN	SHN	01/28/1997	12:05	97059504	13		MF	2.0		4.3		1.7			30.67		18		30.67			4.3		57	
RS	KND	KND	01/28/1997	12:58	97059505	33		MF	2.0		2.8		1.6		1.59	112.83		22		112.83			5.3		53	
RS	PIE	PIE	01/28/1997	13:38	97059507	160		MF	3		12		0			0.519	jf	16		0.519	jf		6.2		41	
RS	BUR	BUR	01/28/1997	14:10	97059508	130		MF	6		13					0.387	jf	18		0.387	jf		5.4		182	
LS	QA	SHN	02/04/1997	11:30	97069500	4	P	MF	3.0		3.2															
FD	QA	SHN	02/04/1997	11:30	97069500	7	P	MF	3.0		3.2		1.7										5.1		57	
RS	MCL	MCL	02/04/1997	8:10	97069502	31	X	MF	3.0		2.2		1.3			64.55		20		64.55			5.2		46	
RS	PRY	PRY	02/04/1997	8:45	97069503	4		MF	2.0		1.5		1.9			37.59		17		37.59			5.1		52	
RS	SHN	SHN	02/04/1997	11:05	97069504	6		MF	3.0		3.1		1.7			26.88		17		26.88			5.0		55	
RS	KND	KND	02/04/1997	11:45	97069505	1		MF	3.0		2.1		1.7		1.58	122.50		21		122.50			5.3		54	
RS	PIE	PIE	02/04/1997	10:25	97069507	69		MF	2.0		7.7		0.3			0.185	jfa	13		0.185	jf		2.1		47	
RS	BUR	BUR	02/04/1997	10:00	97069508	6		MF	4		11					0.284	jf	12		0.284	jf		3.8		76	
LS	QA	PRY	02/11/1997	13:25	97079500	1	UP	MF	1.0		1.3															
FD	QA	PRY	02/11/1997	13:25	97079500	2	P	MF	1.0	U	1.3															
RS	MCL	MCL	02/11/1997	12:00	97079502	14		MF	2.0		1.5		0.9			40.72		18		40.72			5.4		56	
RS	PRY	PRY	02/11/1997	13:10	97079503	2		MF	1.0		1.7		1.7			18.92		16		18.92			5.3		56	
RS	SHN	SHN	02/11/1997	15:35	97079504	8		MF	2.0		2.6		1.5			17.96		17		17.96			5.2		62	
RS	KND	KND	02/11/1997	16:25	97079505	1		MF	2.0		1.3		1.2		1.12	68.37		17		68.37			5.4		53	
RS	PIE	PIE	02/11/1997	14:15	97079507	96		MF	6		11		0			0.347	jf	14		0.347	jf		4.8		46	
RS	BUR	BUR	02/11/1997	14:35	97079508	17		MF	8		16					0.296	jf	12		0.296	jf		4.8		271	
LS	QA	BUR	02/18/1997	10:28	97089500	29		MF	3		11															
FD	QA	BUR	02/18/1997	10:28	97089500	27		MF	3		12												6.8		111	
RS	MCL	MCL	02/18/1997	8:48	97089502	13		MF	3.0		2.5		1.4			82.73		20		82.73			7.0		68	
RS	PRY	PRY	02/18/1997	9:37	97089503	10	S	MF	1.0		1.7		2.0			42.22		18		42.22			7.2		52	
RS	SHN	SHN	02/18/1997	11:27	97089504	8		MF	3.0		3.9		1.8			35.41		15		35.41			7.3		43	
RS	KND	KND	02/18/1997	11:50	97089505	4		MF	4.0		2.3		1.9		1.96	155.20		23		155.20			7.2		52	
RS	PIE	PIE	02/18/1997	10:50	97089507	100		MF	1.0		8.3		0.4			0.319	jf	12		0.319	jf		6.9		49	
RS	BUR	BUR	02/18/1997	10:22	97089508	36		MF	3		11					0.317	jf	17		0.317	jf		6.8		109	
LS	QA	PIE	02/25/1997	13:55	97099500	120		MF	5.0		7.8															
FD	QA	PIE	02/25/1997	13:55	97099500	96		MF	4.0		7.7												8.2		51	
RS	MCL	MCL	02/25/1997	12:24	97099502	4		MF	3.0		1.4		1.2			58.84		14		58.84			7.2		71	
RS	PRY	PRY	02/25/1997	13:12	97099503	8		MF	2.0		1.1		1.9			32.28		17		32.28			7.5		54	
RS	SHN	SHN	02/25/1997	14:44	97099504	13		MF	3.0		2.7		1.7			23.71		12		23.71			7.7		60	
RS	KND	KND	02/25/1997	15:30	97099505	6		MF	4.0		2.7		1.5		1.48	100.31		21		100.31			7.8		56	
RS	PIE	PIE	02/25/1997	13:55	97099507	120		MF	5.0		7.8		0.3			0.126		11		0.126			8.2		51	
RS	BUR	BUR	02/25/1997	14:16	97099508	22		MF	4.0		9.5					0.158		13		0.158			7.6		137	
LS	QA	MCL	03/04/1997	13:05	97109500	2		MF	3.0		2.0															
FD	QA	MCL	03/04/1997	13:05	97109500	1	P	MF	3.0		1.8												6.5		45	
RS	MCL	MCL	03/04/1997	12:10	97109502	4		MF	3.0		2.4		1.7			105.46		17		105.46			6.5		45	
RS	PRY	PRY	03/04/1997	13:45	97109503	7		MF	2.0		1.7		2.2			62.86		20		62.86			6.5		49	
RS	SHN	SHN	03/04/1997	15:20	97109504	2		MF	4.0		3.7		1.9			52.97	ja	15		52.97	ja		6.2		51	
RS	KND	KND	03/04/1997	15:40	97109505	3		MF	3.0		2.3		1.9		1.90	0		0		157.72	jr	0.958	6.5		50	
RS	PIE	PIE	03/04/1997	16:25	97109507	36		MF	3.0		8.4		0.4			0.481		0		0.481	jr	0.927	8.0		47	
RS	BUR	BUR	03/04/1997	16:40	97109508	14		MF	3		11							0		0.383	jrg	0.933	7.0		139	
LS	QA	SHN	03/11/1997	13:44	97119500	10		MF	4.0		3.7	J=<														
FD	QA	SHN	03/11/1997	13:44	97119500	11		MF	4.0		3.7	J=<	1.9										7.7		53	
RS	MCL	MCL	03/11/1997	11:27	97119502	4		MF	4.0		2.6	J=<	1.6			113.65		17		113.65			7.5		45	
RS	PRY	PRY	03/11/1997	12:08	97119503	5		MF	2.0		1.9	J=<	2.1			49.88		18		49.88			7.2		50	
RS	SHN	SHN	03/11/1997	13:39	97119504	10		MF	3.0		3.7	J=<	1.9			40.66		13		40.66			7.7		52	
RS	KND	KND	03/11/1997	14:12	97119505	3		MF	3.0		2.2	J=<	1.9		1.94	184.45		22		184.45			7.5		48	
RS	PIE	PIE	03/11/1997	12:49	97119507	65		MF	2		10		0			0.370	jf	16		0.370	jf		9.3		47	
RS	BUR	BUR	03/11/1997	13:08	97119508	75		MF	3		10					0.334	jf	17		0.334	jf		8.5		223	
LS	QA	PIE	03/18/1997	9:59	97129500	61		MF	10		17															

Appendix B.

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r^2 for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
FD	QA	PIE	03/18/1997	9:59	97129500	47		MF	9		17		1													ja
RS	MCL	MCL	03/18/1997	7:37	97129502	28		MF	8.0		6.0		2.0			137.48		24		137.48			9.2			42
RS	PRY	PRY	03/18/1997	8:37	97129503	30		MF	9.0		6.4		2.4			103.88		18		103.88			7.8			41
RS	SHN	SHN	03/18/1997	10:46	97129504	54		MF	10.0		7.9		2.4			66.68		18		66.68			7.9			36
RS	KND	KND	03/18/1997	11:08	97129505	13		MF	8.0		4.2		2.4					0		269.14	jr	0.958	8.4			47
RS	PIE	PIE	03/18/1997	9:57	97129507	57		MF	8		16		1			1.897	jf	18		1.897	jf		9.2			29
RS	BUR	BUR	03/18/1997	9:28	97129508	140		MF	8		17					1.420	jf	17		1.420	jf		8.4			55
LS	QA	SHN	03/25/1997	14:30	97139500	2	P	MF	6.0		3.6															
FD	QA	SHN	03/25/1997	14:30	97139500	4	P	MF	6.0		3.5															
RS	MCL	MCL	03/25/1997	12:15	97139502	1		MF	4.0		2.4		1.4			77.76		18		77.76			9.3			49
RS	PRY	PRY	03/25/1997	12:55	97139503	1	U	MF	2.0		2.0		1.9			29.78		20		29.78			9.0			53
RS	SHN	SHN	03/25/1997	14:25	97139504	1		MF	5.0		3.4		1.7			27.67		18		27.67			10.5			60
RS	KND	KND	03/25/1997	14:50	97139505	2		MF	6.0		3.0		1.5		1.65	133.01		14		133.01			9.7			55
RS	PIE	PIE	03/25/1997	13:30	97139507	69		MF	5.0		9.8		0.3			0.122	jf	10		0.122	jf		14.2			50
RS	BUR	BUR	03/25/1997	13:50	97139508	8		MF	5		10					0.276	jf	11		0.276	jf		13.3			102
LS	QA	MCL	04/01/1997	12:26	97149500	5	P	MF	2.0	p	1.9															
FD	QA	MCL	04/01/1997	12:26	97149500	1	UP	MF	1.0	p	2.0															
RS	MCL	MCL	04/01/1997	12:19	97149502	2		MF	2.0		1.9		1.2			50.15		19		50.15			7.6			52
RS	PRY	PRY	04/01/1997	13:21	97149503	1		MF	1.0	U	1.0		1.7			19.42		17		19.42			7.7			55
RS	SHN	SHN	04/01/1997	14:56	97149504	1	U	MF	2.0		2.3		1.6			18.42		17		18.42			9.3			66
RS	KND	KND	04/01/1997	15:32	97149505	2		MF	2.0		1.9		1.3		1.20	81.40		21		81.40			8.4			56
RS	PIE	PIE	04/01/1997	14:55	97149507	35		MF	4.0		9.9		0.3			0.133	jf	13		0.133	jf		10.7			55
RS	BUR	BUR	04/01/1997	14:19	97149508	32		MF	5		11					0.139	jf	12		0.139	jf		10.5			84
LS	QA	BUR	04/08/1997	14:10	97159500	210		MF	23		26															
FD	QA	BUR	04/08/1997	14:10	97159500	260		MF	23		25															
RS	MCL	MCL	04/08/1997	12:35	97159502	13		MF	2.0		1.6		0.9			27.22		16		27.22			8.8			56
RS	PRY	PRY	04/08/1997	13:30	97159503	1		MF	1.0		0.7		1.6			11.69		21		11.69			8.7			57
RS	SHN	SHN	04/08/1997	15:00	97159504	1	U	MF	2.0		1.7		1.5			12.06		12		12.06			9.5			73
RS	KND	KND	04/08/1997	16:20	97159505	6		MF	3.0		1.4		1.1		0.82	49.54		17		49.54			9.3			62
RS	PIE	PIE	04/08/1997	14:30	97159507	24		MF	5		11		0			0.05	jf	11		0.05	jf		10.2			58
RS	BUR	BUR	04/08/1997	14:10	97159508	270		MF	24		24					0.09	jf	12		0.09	jf		10.2			315
LS	QA	BUR	04/15/1997	8:55	97169500	620		MF	13		14															
FD	QA	BUR	04/15/1997	8:55	97169500	650		MF	12		13												9.8			263
RS	MCL	MCL	04/15/1997	6:59	97169502	19		MF	6.0		3.8		1.0			42.13		17		42.13			9.1			57
RS	PRY	PRY	04/15/1997	8:02	97169503	1	U	MF	1.0		1.0		1.6			15.01		17		15.01			8.9			59
RS	SHN	SHN	04/15/1997	9:59	97169504	2		MF	2.0		2.2		1.5			12.24		17		12.24			9.7			75
RS	KND	KND	04/15/1997	10:36	97169505	4		MF	3.0		1.4		1.1		0.82	51.93		16		51.93			9.3			62
RS	PIE	PIE	04/15/1997	9:24	97169507	88		MF	7		14		0			0.14	jf	14		0.14	jf		10.2			67
RS	BUR	BUR	04/15/1997	8:53	97169508	480		MF	9		13					0.13	jf	13		0.13	jf		9.8			261
LS	QA	SHN	11/11/1997	12:45	97469600	8	P	MF	5.0		3.9															
FD	QA	SHN	11/11/1997	12:45	97469600	4	P	MF	4.0		3.8															
RS	MCL	MCL	11/11/1997	9:15	97469602	160	J	MF	3.0		2.5		1.0			32.99		21		32.99			7.1			62
RS	PRY	PRY	11/11/1997	10:45	97469603	34		MF	2.0		1.8		1.7			14.03		19		14.03			7.3			68
RS	SHN	SHN	11/11/1997	12:45	97469604	5		MF	5.0		4.0		1.4			10.50		17		10.50			7.8			73
RS	KND	KND	11/11/1997	13:35	97469605	7		MF	5.0		1.7		1.1			58.58		15		58.58			8.2			68
RS	PIE	PIE	11/11/1997	12:00	97469607	71		MF	2.0		7.2		0.4			0.08	jf	8		0.08	jf		7.3			
RS	BUR	BUR	11/11/1997	11:20	97469608	160		MF	3.0		9.0							0		0.13	jf	0.806	7.8			177
LS	QA	PRY	11/18/1997	12:35	97479600	7	P	MF	5.0		3.0															
FD	QA	PRY	11/18/1997	12:35	97479600	13	P	MF	5.0		3.0															
RS	MCL	MCL	11/18/1997	11:05	97479602	88		MF	5.0		4.3		1.0			43.39		21		43.39			8.10	j		66
RS	PRY	PRY	11/18/1997	12:20	97479603	17		MF	5.0		3.5		1.7			17.98		21		17.98			8.20	j		59
RS	SHN	SHN	11/18/1997	13:10	97479604	35		MF	4.0		4.9		1.5			16.23		16		16.23			8.00	j		78
RS	KND	KND	11/18/1997	13:50	97479605	6		MF	6.0		3.4		1.2			79.96		22		79.96			8.50	j		67
RS	PIE	PIE	11/18/1997	14:35	97479607	120		MF	3		14		0			0.186		15		0.186			9.60	j		65
RS	BUR	BUR	11/18/1997	14:55	97479608	970		MF	51		50					0.126		12		0.126			9.10	j		593
LS	QA	BUR	11/24/1997	9:15	97489600	350		MF	7		17															
FD	QA	BUR	11/24/1997	9:15	97489600	360		MF	7		17															
RS	MCL	MCL	11/24/1997	7:45	97489602	27		MF	9.0		5.3		1.6			111.30		27		111.30			9.00			56
RS	PRY	PRY	11/24/1997	8:40	97489603	20		MF	8.0		5.3		2.2			66.13		22		66.13			9.0			58
RS	SHN	SHN	11/24/1997	10:40	97489604	22	JS	MF	8.0		7.3		1.9			41.31		23		41.31			8.9			60
RS	KND	KND	11/24/1997	11:25	97489605	16		MF	6.0		4.5		1.8					0		186.16	jr	0.974	9.1			57

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	PIE	PIE	11/24/1997	9:50	97489607	78		MF	4		15		0			0.539		18		0.539			8.1		56	
RS	BUR	BUR	11/24/1997	9:15	97489608	330		MF	5		16					0.386		14		0.386			8.5		110	
LS	QA	PIE	12/02/1997	14:20	97499600	40		MF	3		10															
FD	QA	PIE	12/02/1997	14:20	97499600	34		MF	3		10															
RS	MCL	MCL	12/02/1997	10:35	97499602	9		MF	4.0		3.0							25		76.97			7.1		54	
RS	PRY	PRY	12/02/1997	11:35	97499603	8		MF	4.0		3.0		2.1					21		44.34			7.3		60	
RS	SHN	SHN	12/02/1997	12:10	97499604	10		MF	4.0		4.0		1.7					19		32.03			6.8		65	
RS	KND	KND	12/02/1997	12:05	97499605	6		MF	3.0		1.8		1.6					17		132.91			7.3		58	
RS	PIE	PIE	12/02/1997	14:20	97499607	36		MF	3		11		0					15		0.267			7.5		62	
RS	BUR	BUR	12/02/1997	13:45	97499608	92		MF	6		12							20		0.202			7.0		266	
LS	QA	KND	12/09/1997	9:55	97509600	7		MF	3.0		1.2															
FD	QA	KND	12/09/1997	9:55	97509600	9		MF	3.0		1.3															
RS	MCL	MCL	12/09/1997	10:55	97509602	16		MF	4.0		1.7		0.9			34.16		16		34.16			6.3		59	
RS	PRY	PRY	12/09/1997	10:35	97509603	6		MF	4.0		1.6		1.7			17.06		17		17.06			6.3		64	
RS	SHN	SHN	12/09/1997	9:25	97509604	15		MF	3.0		2.4		1.4			13.50		18		13.50			5.1		73	
RS	KND	KND	12/09/1997	9:55	97509605	10		MF	2.0		1.1		1.1			63.96		18		63.96			6.3		59	
RS	PIE	PIE	12/09/1997	8:50	97509607	25		MF	3.0		7.8		0.4			0.065	jf	13		0.065	jf		3.8		65	
RS	BUR	BUR	12/09/1997	8:25	97509608	73		MF	5.0		9.5					0.081	jf	11		0.081	jf		4.4		296	
LS	QA	PRY	12/16/1997	12:40	97519600	220		MF	86		55												8.4		48	
FD	QA	PRY	12/16/1997	12:40	97519600	140		MF	82		55		3										8.4		48	
RS	MCL	MCL	12/16/1997	11:30	97519602	430		MF	114		70		3	jr				0		342.65	jrgx	0.821	8.3		36	
RS	PRY	PRY	12/16/1997	12:30	97519603	180		MF	90		50		3			192.15		17		192.15			8.4		48	
RS	SHN	SHN	12/16/1997	14:10	97519604	230		MF	94		50		3					0		104.99	jrx	0.953	7.9		51	
RS	KND	KND	12/16/1997	14:50	97519605	100		MF	80		40		3					0		451.79	jrx	0.974	8.3		49	
RS	PIE	PIE	12/16/1997	13:25	97519607	330		MF	36		45		1			9.43	j	17		9.43	j		8.5		39	
RS	BUR	BUR	12/16/1997	13:40	97519608	2700		MF	92		100							0		3.86	jrgx	0.694	8.5		272	
LS	QA	PRY	12/22/1997	11:00	97529600	4	P	MF	2.0	p	1.6															
FD	QA	PRY	12/22/1997	11:00	97529600	8	P	MF	1.0	p	1.7															
RS	MCL	MCL	12/22/1997	11:25	97529602	15		MF	3.0		2.9		1.2			74.29		18		74.29			6.2		52	
RS	PRY	PRY	12/22/1997	10:45	97529603	21		MF	2.0		1.7		2.1			35.54		17		35.54			6.2		58	
RS	SHN	SHN	12/22/1997	9:10	97529604	6		MF	4.0		4.6		1.9			31.21		19		31.21			5.2		64	
RS	KND	KND	12/22/1997	9:50	97529605	7		MF	4.0		2.5		1.4			123.01		17		123.01			6.1		56	
RS	PIE	PIE	12/22/1997	8:30	97529607	63		MF	3		11		1			0.23	jf	11		0.23	jf		3.8		56	
RS	BUR	BUR	12/22/1997	7:50	97529608	91		MF	5		10					0.21	jf	8		0.21	jf		4.7		105	
LS	QA	PIE	12/29/1997	12:35	98019600	47		MF	4		12															
FD	QA	PIE	12/29/1997	12:35	98019600	49		MF	3		13															
RS	MCL	MCL	12/29/1997	9:40	98019602	34		MF	3.0		2.7		1.1			65.66		17		65.66			8.1		53	
RS	PRY	PRY	12/29/1997	10:30	98019603	16		MF	1.0		1.1		1.9			23.84		17		23.84			8.3		62	
RS	SHN	SHN	12/29/1997	11:05	98019604	20		MF	2.0		3.0		1.6			18.76		18		18.76			7.7		70	
RS	KND	KND	12/29/1997	11:30	98019605	7		MF	2.0		2.3		1.4			112.69		16		112.69			8.2		58	
RS	PIE	PIE	12/29/1997	12:35	98019607	47		MF	4		13		1			0.19		12		0.19			8.8		58	
RS	BUR	BUR	12/29/1997	12:05	98019608	120		MF	5		12					0.19		10		0.19			8.6		241	
LS	QA	MCL	01/06/1998	11:05	98029600	190		MF	46		24															
FD	QA	MCL	01/06/1998	11:05	98029600	240		MF	44		20															
RS	MCL	MCL	01/06/1998	11:05	98029602	240		MF	42		24		3	j				0		228.73	jrxg	0.871	7.3		41	
RS	PRY	PRY	01/06/1998	11:45	98029603	56		MF	34		19		3			178.67		15		178.67			7.4		48	
RS	SHN	SHN	01/06/1998	8:30	98029604	130		MF	28		18		2			58.33	ja	19		61.72	jrm	0.953	6.4		54	
RS	KND	KND	01/06/1998	9:20	98029605	25		MF	25		13		3			372.93	ja	17		372.93	ja		7.1		48	
RS	PIE	PIE	01/06/1998	7:40	98029607	92	J	MF	18		30		1			3.01		20		3.01			6.0		43	
RS	BUR	BUR	01/06/1998	7:15	98029608	880		MF	55		60					1.86		13		1.86			6.4		86	
LS	QA	BUR	01/12/1998	12:55	98039600	33		MF	18		12															
FD	QA	BUR	01/12/1998	12:55	98039600	37		MF	17		13															
RS	MCL	MCL	01/12/1998	10:45	98039602	96		MF	4.0		2.4		1.1			61.91		17		61.91			4.2		50	
RS	PRY	PRY	01/12/1998	12:10	98039603	3		MF	1.0		1.4		1.9			25.29		19		25.29			4.2		56	
RS	SHN	SHN	01/12/1998	14:35	98039604	5		MF	3		3		2			20.97		17		20.97			2.5		61	
RS	KND	KND	01/12/1998	15:20	98039605	8		MF	3.0		1.8		1.3			98.05		20		98.05			3.5		56	
RS	PIE	PIE	01/12/1998	13:35	98039607	27		MF	3.0		8.4		0.5			0.11		12		0.11			1.3		54	
RS	BUR	BUR	01/12/1998	12:55	98039608	43		MF	15		11					0.20		8		0.20			2.3		167	
LS	QA	SHN	01/20/1998	7:50	98049600	20	P	MF	8.0		6.4												6.7		57	
FD	QA	SHN	01/20/1998	7:50	98049600	10	P	MF	9.0		6.7												7.0		47	
RS	MCL	MCL	01/20/1998	8:45	98049602	28		MF	6.0		3.5		1.7			131.49		16		131.49			7.0		47	

Appendix B.

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	PRY	PRY	01/20/1998	9:35	98049603	7		MF	2.0		2.7		2.2			62.13		18		62.13			7.0		45	
RS	SHN	SHN	01/20/1998	7:50	98049604	23		MF	8.0		6.4		2.0	jt		49.42		22		49.42			6.7		58	
RS	KND	KND	01/20/1998	8:10	98049605	84		MF	7.0		4.1		1.9					0		225.06	jr	0.974	6.8		53	
RS	PIE	PIE	01/20/1998	6:55	98049607	28		MF	11		13		1			0.39		13		0.39			5.6		50	
RS	BUR	BUR	01/20/1998	6:30	98049608	80		MF	6		11					0.52		13		0.52			6.1		73	
LS	QA	PRY	01/27/1998	10:21	98059600	3		MF	3.0		2.2												7.5		48	
FD	QA	PRY	01/27/1998	10:21	98059600	3		MF	3.0		2.4												7.5		47	
RS	MCL	MCL	01/27/1998	9:25	98059602	19		MF	6.0		3.6		1.8			139.60		17		139.60			7.5		47	
RS	PRY	PRY	01/27/1998	10:19	98059603	1		MF	3.0		2.5		2.3			76.34		19		76.34			7.5		49	
RS	SHN	SHN	01/27/1998	12:20	98059604	11		MF	10.0		7.8		2.2			63.25		16		63.25			7.6		55	
RS	KND	KND	01/27/1998	13:02	98059605	9		MF	6.0		4.2		2.1			248.72	j	25		251.01	jrm	0.974	7.5		52	
RS	PIE	PIE	01/27/1998	11:42	98059607	39		MF	5		13		1			0.389		15		0.389			7.7		41	
RS	BUR	BUR	01/27/1998	11:17	98059608	84		MF	7.0		9.3					0.595		15		0.595			7.4		80	
LS	QA	MCL	02/03/1998	9:05	98069600	9		MF	3.0		1.6												7.2		51	
FD	QA	MCL	02/03/1998	9:05	98069600	13		MF	2.0		1.5												7.2		51	
RS	MCL	MCL	02/03/1998	9:05	98069602	7		MF	2.0		2.1		1.1	ja		43.76		18		43.76			7.1		58	
RS	PRY	PRY	02/03/1998	10:15	98069603	15		MF	2.0		2.0		2.1			25.08		18		25.08			7.1		58	
RS	SHN	SHN	02/03/1998	11:00	98069604	7		MF	3.0		3.4		1.7			23.49		19		23.49			6.9		66	
RS	KND	KND	02/03/1998	11:45	98069605	3		MF	4.0		2.4		1.3			101.64		21		101.64			7.1		58	
RS	PIE	PIE	02/03/1998	7:20	98069607	52		MF	5		12		1			0.20		15		0.20			5.8		57	
RS	BUR	BUR	02/03/1998	6:45	98069608	60		MF	8		12							0		0.25	j	0.731	6.1		78	
LS	QA	KND	02/10/1998	12:43	98079600	3	P	MF	4.0		2.1												7.0		56	
FD	QA	KND	02/10/1998	12:43	98079600	5	P	MF	4.0		2.1												7.0		56	
RS	MCL	MCL	02/10/1998	9:10	98079602	20		MF	4.0		1.9		1.0			51.68		17		51.68			6.5		56	
RS	PRY	PRY	02/10/1998	10:16	98079603	24		MF	2.0		1.8		1.9			24.45		18		24.45			6.7		59	
RS	SHN	SHN	02/10/1998	11:58	98079604	15		MF	3.0		3.6		1.7			23.01		15		23.01			6.9		66	
RS	KND	KND	02/10/1998	12:43	98079605	9		MF	3.0		1.8		1.2			91.42		21		91.42			7.0		59	
RS	PIE	PIE	02/10/1998	11:02	98079607	56		MF	23		24		1			0.46		16		0.46			6.7		54	
RS	BUR	BUR	02/10/1998	11:21	98079608	110		MF	12		22					0.42		12		0.42			7.1		121	
LS	QA	KND	02/17/1998	14:44	98089600	11		MF	4.0		2.1												8.2		58	
FD	QA	KND	02/17/1998	14:44	98089600	8		MF	3.0		2.1												8.2		58	
RS	MCL	MCL	02/17/1998	12:23	98089602	19		MF	4.0		2.6		1.2			67.16		17		67.16			8.0		50	
RS	PRY	PRY	02/17/1998	13:30	98089603	3		MF	2.0		1.6		2.0			31.07		18		31.07			8.2		58	
RS	SHN	SHN	02/17/1998	14:14	98089604	15		MF	5.0		4.3		1.7			31.06		20		31.06			8.2		60	
RS	KND	KND	02/17/1998	14:44	98089605	10		MF	4.0		2.2		1.3			115.74		21		115.74			8.2		58	
RS	PIE	PIE	02/17/1998	15:35	98089607	33		MF	9		16		1			0.179		15		0.179			10.1		56	
RS	BUR	BUR	02/17/1998	15:56	98089608	100		MF	9		13					0.281		13		0.28			9.2		109	
LS	QA	MCL	02/24/1998	8:19	98099600	4	P	MF	3.0		2.4												5.5		43	
FD	QA	MCL	02/24/1998	8:19	98099600	13	P	MF	3.0		2.4												5.5		46	
RS	MCL	MCL	02/24/1998	8:19	98099602	9		MF	3.0		3.0		1.2			72.67		17		72.67			5.5		46	
RS	PRY	PRY	02/24/1998	9:11	98099603	4		MF	2.0		1.7		2.1			43.80		19		43.80			5.5		55	
RS	SHN	SHN	02/24/1998	10:51	98099604	3		MF	3.0		3.6		1.7			30.50		15		30.50			5.8		61	
RS	KND	KND	02/24/1998	11:25	98099605	4		MF	3.0		2.1		1.4			135.84		22		135.84			5.9		55	
RS	PIE	PIE	02/24/1998	9:56	98099607	27		MF	9		16		1			0.212		16		0.21			3.5		54	
RS	BUR	BUR	02/24/1998	10:20	98099608	29		MF	5.0		8.7					0.280		13		0.28			4.6		104	
LS	QA	BUR	03/03/1998	15:34	98109600		P	MF	6		13												7.0		51	
FD	QA	BUR	03/03/1998	15:34	98109600	59	P	MF	6		13												7.0		51	
RS	MCL	MCL	03/03/1998	12:40	98109602	25		MF	4.0		3.6		1.3			87.53		18		87.53			7.5		65	
RS	PRY	PRY	03/03/1998	14:10	98109603	10		MF	1.0		2.0		2.0			30.95		19		30.95			7.2		56	
RS	SHN	SHN	03/03/1998	16:11	98109604	5		MF	3.0		3.8		1.7			28.48		14		28.48			7.5		65	
RS	KND	KND	03/03/1998	16:58	98109605	2		MF	2.0		2.0		1.2			104.70		23		104.70			7.5		56	
RS	PIE	PIE	03/03/1998	15:05	98109607	23		MF	12		19		1			0.47		11		0.47			9.4		53	
RS	BUR	BUR	03/03/1998	15:34	98109608	35		MF	6		12					0.28		12		0.28			8.5		196	
LS	QA	SHN	03/10/1998	11:18	98119600	10		MF	7		6.8												7.8		62	
FD	QA	SHN	03/10/1998	11:18	98119600	10		MF	7		6.8												7.8		62	
RS	MCL	MCL	03/10/1998	8:47	98119602	31		MF	8		5.8		1.6			133.55		16		133.55			7.5		49	
RS	PRY	PRY	03/10/1998	9:45	98119603	14		MF	3		2.7		2.09			47.22		19		47.22			7.6		55	
RS	SHN	SHN	03/10/1998	11:18	98119604	15		MF	7		6.8		1.86			36.78		15		36.78			7.9		62	
RS	KND	KND	03/10/1998	11:57	98119605	7		MF	6		3.6		1.4			137.54		22		137.54			7.5		45	
RS	PIE	PIE	03/10/1998	10:25	98119607	110		MF	11		18		0.59			0.63		16		0.63			8.6		50	
RS	BUR	BUR	03/10/1998	10:45	98119608	44		MF	27		26					0.52		14		0.52			8.2		72	

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
LS	QA	SHN	03/17/1998	15:55	98129600	11	P	MF	3.0		2.9															
FD	QA	SHN	03/17/1998	15:55	98129600	7	P	MF	3		2.8															
RS	MCL	MCL	03/17/1998	13:01	98129602	8		MF	3		2			0.91		48.74		16		48.74			9.8			70
RS	PRY	PRY	03/17/1998	13:52	98129603	3		MF	2		1.3		1.86			22.23		17		22.23			8.0			61
RS	SHN	SHN	03/17/1998	15:55	98129604	6		MF	3		2.8		1.54					14		18.38	jr	0.943	9.8			70
RS	KND	KND	03/17/1998	16:37	98129605	1	U	MF	2		1.6		1.1				20		79.30	jr	0.974	8.9				
RS	PIE	PIE	03/17/1998	15:10	98129607	53		MF	11		22		0.45			0.048	jf	13		0.048	jf		11.9			67
RS	BUR	BUR	03/17/1998	14:42	98129608	64		MF	8		11					0.107	jf	12		0.107	jf		10.3			145
LS	QA	PIE	03/24/1998	11:03	98139600	150	P	MF	12		21															
FD	QA	PIE	03/24/1998	11:03	98139600	84	P	MF	11		21												10.1			53
RS	MCL	MCL	03/24/1998	8:43	98139602	190	JX	MF	8		6.2		1.29			84.75		19		84.75			8.9			52
RS	PRY	PRY	03/24/1998	9:41	98139603	35		MF	4		3.5		2.08			43.62		25		43.62			8.8			56
RS	SHN	SHN	03/24/1998	12:10	98139604	34		MF	8		7.1		1.86					16		38.06	jr	0.943	10.2			62
RS	KND	KND	03/24/1998	13:00	98139605	8		MF	6.0		4.0		1.4		135.39		17		135.39			9.5			56	
RS	PIE	PIE	03/24/1998	11:03	98139607	79		MF	13		21		0.6					15		0.489	jr	0.996	10.1			53
RS	BUR	BUR	03/24/1998	10:30	98139608	330		MF	10		17				0.35	jq	17					10.2				128
LS	QA	KND	03/31/1998	16:00	98149600	5	P	MF	2		1.7															
FD	QA	KND	03/31/1998	16:00	98149600	2	P	MF	3		1.6															
RS	MCL	MCL	03/31/1998	12:10	98149602	21		MF	2		1.9		0.88			45.78		16		45.78			8.1			55
RS	PRY	PRY	03/31/1998	13:25	98149603	2		MF	1		1.3		1.88			23.74		19		23.74			8.0			60
RS	SHN	SHN	03/31/1998	15:30	98149604	3		MF	2		2.7		1.6			21.40		19		21.40			8.8			68
RS	KND	KND	03/31/1998	16:00	98149605	1	U	MF	2		1.5		1.1			79.09		19		79.09			8.5			59
RS	PIE	PIE	03/31/1998	14:10	98149607	27		MF	9		17		0.51			0.117	jf	13		0.117	jf		9.9			60
RS	BUR	BUR	03/31/1998	14:30	98149608	120		MF	7		14				0.180	jf	18		0.180	jf		9.4				266
LS	QA	SHN	04/07/1998	12:30	98159600	5		MF	2		2.7															
FD	QA	SHN	04/07/1998	12:30	98159600	5		MF	2		2.4															
RS	MCL	MCL	04/07/1998	10:00	98159602	34		MF	2		2.2		0.68			28.68		14		28.68			8.1			49
RS	PRY	PRY	04/07/1998	10:35	98159603	8		MF	1.0		1.0		1.7			13.32		17		13.32			7.8			60
RS	SHN	SHN	04/07/1998	12:30	98159604	7		MF	3		2.7		1.45			9.30		15		9.30			9.6			75
RS	KND	KND	04/07/1998	12:55	98159605	1		MF	2		1.9					43.52		14		43.52			9.1			61
RS	PIE	PIE	04/07/1998	11:45	98159607	140		MF	8		14		0.45			0.028	jf	9		0.028	jf		8.7			68
RS	BUR	BUR	04/07/1998	11:15	98159608	14		MF	7		9.8				0.077	jf	11		0.077	jf		9.3				180
LS	QA	BUR	04/14/1998	15:15	98169600	29		MF	6		9.8															
FD	QA	BUR	04/14/1998	15:15	98169600	29		MF	6		10															
RS	MCL	MCL	04/14/1998	13:45	98169602	9		MF	3		1.5		0.6			25.03		20		25.03			9.2			62
RS	PRY	PRY	04/14/1998	14:25	98169603	3		MF	1		0.8		1.68			7.11		21		7.11			9.2			63
RS	SHN	SHN	04/14/1998	16:00	98169604	1		MF	2.0		2.1		1.4			9.14		15		9.14			10.8			83
RS	KND	KND	04/14/1998	16:40	98169605	1	U	MF	2.0		1.5		0.7	j		38.87		18		38.87			10.3			62
RS	PIE	PIE	04/14/1998	15:00	98169607	20		MF	10		17		0			0.053	jf	11		0.053	jf		11.4			67
RS	BUR	BUR	04/14/1998	15:15	98169608	29		MF	7.0		9.4					0.104	jf	13		0.104	jf		12.7			405
RS	MCL	MCL	10/02/1998	8:44	98409702								0.2			2.40		17		2.40			10.7			97
RS	PRY	PRY	10/02/1998	9:30	98409703								1.4	a		0.570	j	22		0.570	j		10.4			93
RS	SHN	SHN	10/02/1998	10:45	98409704								1.2			0.611		17		0.611			11.5			109
RS	KND	KND	10/02/1998	11:20	98409705											4.38		21		4.38			11.9			
RS	PIE	PIE	10/02/1998	10:15	98409707								0.3			0.00	j			0.00	j					
RS	BUR	BUR	10/02/1998	10:25	98409708											0.00				0.00						
LS	QA	SHN	10/07/1998	15:15	98419700	130		MF	1.0		1.1					0.0										
FD	QA	SHN	10/07/1998	15:15	98419700	130		MF	1.0	U	1.2					0.0							12.0			112
RS	MCL	MCL	10/07/1998	12:47	98419702	130		MF	1.0	U	2.3		0.2			3.06	j	16		3.06	j		11.4			93
RS	PRY	PRY	10/07/1998	13:52	98419703	18		MF	1.0	U	0.8		1.4	a		1.427	j	17		1.427	j		11.2			95
RS	SHN	SHN	10/07/1998	15:15	98419704	180		MF	1.0	U	1.0		1.1			0.987	j	16		0.987	j		12.1			112
RS	KND	KND	10/07/1998	16:06	98419705	150		MF	1.0	U	0.5					4.70	j	24		4.70	j		12.2			102
RS	PIE	PIE	10/07/1998	14:27	98419707								0.3			0.00				0.00						
RS	BUR	BUR	10/07/1998	14:33	98419708											0.00				0.00						
LS	QA	KND	10/13/1998	13:40	98429700	180		MF	5.0		4.0															
FD	QA	KND	10/13/1998	13:40	98429700	180		MF	5.0		4.0															
RS	MCL	MCL	10/13/1998	9:26	98429702	840	J	MF	4.0		5.3		0.5	a		10.87		19		10.87			11.3			84
RS	PRY	PRY	10/13/1998	10:35	98429703	420		MF	14.0		9.4		1.6			5.31	j	17		5.31	j		11.6			85
RS	SHN	SHN	10/13/1998	12:30	98429704	750	J	MF	3.0		2.3		1.3			2.43		20		2.43			11.5			122
RS	KND	KND	10/13/1998	13:40	98429705	170		MF	5.0		2.9					17.22		25		17.22			11.8			94
RS	PIE	PIE	10/13/1998	11:40	98429707								0.4			0.004	jf	1		0.0045	jf		11.5			

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	BUR	BUR	10/13/1998	11:25	98429708											0.029	jf	1		0.0292	jf						
LS	QA	PRY	10/20/1998	14:08	98439700	31		MF	1.0	U	0.5																
FD	QA	PRY	10/20/1998	14:08	98439700	20		MF	1.0	U	0.5	U													94		
RS	MCL	MCL	10/20/1998	15:10	98439702	49		MF	1.0	U	1.7					2.75		14		2.75			8.5		91		
RS	PRY	PRY	10/20/1998	14:08	98439703	3		MF	1.0	U	0.6		1.4			0.483	j	19		0.483	j		8.7		95		
RS	SHN	SHN	10/20/1998	11:48	98439704	49		MF	1.0	U	1.0		1.2			0.732		18		0.732			7.8				
RS	KND	KND	10/20/1998	10:43	98439705	61		MF	5.0		2.7					5.76		22		5.76			8.5		100		
RS	PIE	PIE	10/20/1998	12:51	98439707								0.3			0.000	j			0.0000	j		9.0				
RS	BUR	BUR	10/20/1998	13:18	98439708											0.006	jf	1		0.0057	jf		11.5				
LS	QA	SHN	10/27/1998	11:00	98449700	100		MF	2.0		1.5																
FD	QA	SHN	10/27/1998	11:00	98449700	93		MF	1.0		1.4														116		
RS	MCL	MCL	10/27/1998	8:30	98449702	84		MF	3.0		2.9		0.2			2.49		16		2.49			8.9		88		
RS	PRY	PRY	10/27/1998	10:08	98449703	15		MF	24.0		1.4	1.4				0.572	j	18		0.572	j		9.1		94		
RS	SHN	SHN	10/27/1998	11:00	98449704	85		MF	3.0		1.5	1.2				0.540		17		0.540			9.6		116		
RS	KND	KND	10/27/1998	12:12	98449705	150		MF	11.0		5.7	3.7				4.40		18		4.40			10.4		105		
RS	PIE	PIE	10/27/1998	7:57	98449707								0.3			0	j			0	j						
RS	BUR	BUR	10/27/1998	7:24	98449708											0.0004	jf	1		0.0004	jf						
LS	QA	MCL	11/03/1998	9:00	98459700	91		MF	17.0		7.7																
FD	QA	MCL	11/03/1998	9:00	98459700	93		MF	16.0		7.6														93		
RS	MCL	MCL	11/03/1998	9:00	98459702	110		MF	28.0		7.7		0.2	m		2.73		16		2.73			7.7		89		
RS	PRY	PRY	11/03/1998	10:00	98459703	8		MF	2.0		1.4	1.5				0.502	j	16		0.502	j		8.0		93		
RS	SHN	SHN	11/03/1998	12:15	98459704	48		MF	10.0		13.0	1.1				0.64	m	18		0.64	m		8.6		117		
RS	KND	KND	11/03/1998	13:05	98459705	22		MF	11.0		8.0	3.7				5.28		24		5.28			9.3		112		
RS	PIE	PIE	11/03/1998	11:12	98459707								0.3			0.000	j			0.0	j						
RS	BUR	BUR	11/03/1998	10:50	98459708											0.0013	jf	1		0.0013	jf						
LS	QA	PRY	11/11/1998	11:42	98469700	12		MF	8.0		3.9																
FD	QA	PRY	11/11/1998	11:42	98469700	5		MF	8.0		3.9																
RS	MCL	MCL	11/11/1998	12:18	98469702	92	J	MF	32.00	J	13.00	J	0.23			3.28				3.28			8.6		96		
RS	PRY	PRY	11/11/1998	11:42	98469703	8		MF	9.0		4.3	1.3				1.059	j			1.059	j		8.4		96		
RS	SHN	SHN	11/11/1998	9:15	98469704	100		MF	12.0		9.8	1.1				1.07				1.07			8.0		123		
RS	KND	KND	11/11/1998	10:25	98469705	310		MF	17.0		9.0	3.8				7.63				7.63			8.8		115		
RS	PIE	PIE	11/11/1998	8:25	98469707								0.3			0.0003	jf			0.0003	jf		9.2				
RS	BUR	BUR	11/11/1998	7:47	98469708	2000	Jc	MF	62.0	c	19.0	c				0.0208	jf			0.0208	jf		8.9		989		
LS	QA	SHN	11/17/1998	13:35	98479700	69		MF	11.0		10.0															97	
FD	QA	SHN	11/17/1998	13:35	98479700	65		MF	10.0		9.7																
RS	MCL	MCL	11/17/1998	9:00	98479702	63		MF	15.0		7.7		0.8			29.96				29.96			8.0		73		
RS	PRY	PRY	11/17/1998	10:30	98479703	12		MF	7.0		4.9	1.7				11.77				11.77			7.8		75		
RS	SHN	SHN	11/17/1998	13:35	98479704	62	m	MF	13.0		9.7	1.3				7.08				7.08			8.3		96		
RS	KND	KND	11/17/1998	14:45	98479705	9		MF	9.0		6.2	4.4				42.30				42.30			8.4		81		
RS	PIE	PIE	11/17/1998	12:20	98479707	200	s	MF	1.0	U	20.0	s	0.5			0.027	jf			0.0271	jf		8.0		65	s	
RS	BUR	BUR	11/17/1998	11:45	98479708	1800	s	MF	3.0	c	15.0	s				0.045	jf			0.0448	jf		8.7		335		
LS	QA	MCL	11/23/1998	11:15	98489700	61		MF	22.0		11.0																
FD	QA	MCL	11/23/1998	11:15	98489700	60		MF	20.0		11.0												8.6		51		
RS	MCL	MCL	11/23/1998	11:15	98489702	49		MF	22.0		11.0		2.2			153.79				153.79			8.5		50		
RS	PRY	PRY	11/23/1998	13:05	98489703	38		MF	12.0		7.3	2.5				85.28				85.28			8.7		52		
RS	SHN	SHN	11/23/1998	14:35	98489704	260	J	MF	15.0		12.0	2.0				55.59				55.59			8.05		60		
RS	KND	KND	11/23/1998	15:15	98489705	22		MF	13.0		8.0	5.8			2.15					246.48	jrx	0.965	8.9		47		
RS	PIE	PIE	11/23/1998	16:35	98489707	250		MF	2.0	s	13.0	0.7				0.830	jf			0.8301	jf		8.3		48		
RS	BUR	BUR	11/23/1998	16:00	98489708	700		MF	3.0	s	12.0					0.567	jf			0.5668	jf		8.5		87		
LS	QA	PIE	12/01/1998	11:15	98499700	210		MF	22.0		27.0																
FD	QA	PIE	12/01/1998	11:15	98499700	180		MF	21.0		27.0															31	
RS	MCL	MCL	12/01/1998	9:25	98499702	85		MF	11.0		5.9	1.9				117.81				117.81			7.8		48		
RS	PRY	PRY	12/01/1998	13:10	98499703	86		MF	23.0		10.0	2.6				114.56				114.56			7.8		48		
RS	SHN	SHN	12/01/1998	14:20	98499704	220		MF	79.0		60.0	2.2				78.65				78.65			7.0		48		
RS	KND	KND	12/01/1998	15:00	98499705	72		MF	25.0		11.0	6.1	jr	2.36						289.42	jrx	0.965	7.9		50		
RS	PIE	PIE	12/01/1998	11:15	98499707	160		MF	23.0		27.0	0.8				2.288	jf			2.2882	jf		6.5		36		
RS	BUR	BUR	12/01/1998	10:35	98499708	2000		MF	15.0		19.0					1.564	jf			1.5638	jf		7.0		58		
LS	QA	KND	12/08/1998	14:40	98509700	5		MF	5.0		3.6																
FD	QA	KND	12/08/1998	14:40	98509700	6		MF	4.0		3.6															53	
RS	MCL	MCL	12/08/1998	11:33	98509702	110		MF	10.0		6.1	1.9				122.43				122.43			6.5		47		
RS	PRY	PRY	12/08/1998	12:51	98509703	44		MF	6.0		3.7	2.5				56.82				56.82			6.4		52		

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	SHN	SHN	12/08/1998	13:41	98509704	9		MF	8.0		5.5		2.0							46.44			5.9		53	
RS	KND	KND	12/08/1998	14:40	98509705	6		MF	5.0		3.6		5.3		1.72	165.17				165.17			7.1		53	
RS	PIE	PIE	12/08/1998	16:26	98509707	69		MF	1.0		8.6		0.7							0.5928	jf		6.0		41	
RS	BUR	BUR	12/08/1998	16:01	98509708	200		MF	2.0		7.8								0.406	jf		6.3		84		
LS	QA	PRY	12/15/1998	12:45	98519700	44		MF	7.0																	
FD	QA	PRY	12/15/1998	12:45	98519700	43		MF	6.0		3.8														50	
RS	MCL	MCL	12/15/1998	11:20	98519702	77		MF	11.0		6.2		2.1							141.73	jr	0.980	7.8		46	
RS	PRY	PRY	12/15/1998	12:45	98519703	55		MF	6.0		4.0			a	2.318	77.45			77.45			8.0		50		
RS	SHN	SHN	12/15/1998	14:20	98519704	15		MF	9.0		7.1		2.1			54.80			54.80			7.8		52		
RS	KND	KND	12/15/1998	15:00	98519705	8		MF	7.0		5.4		5.5		1.90				201.23	jr	0.965	8.0		53		
RS	PIE	PIE	12/15/1998	9:55	98519707	53		MF	2.0		8.9		0.7						0.40	jr	0.914	6.5		40		
RS	BUR	BUR	12/15/1998	10:35	98519708	310		MF	2.0		7.6								0.425	jrg	0.908	7.3		63		
LS	BUR	BUR	12/15/1998	10:35	98519708						7.6															
LS	QA	PRY	12/22/1998	12:50	98529700	12		MF	2.0																	
FD	QA	PRY	12/22/1998	12:50	98529700	17		MF	1.0		0.9															
RS	MCL	MCL	12/22/1998	12:25	98529702	150		MF	2.0		1.4		1.1						35.35	jr	0.980	2.3				
RS	PRY	PRY	12/22/1998	12:50	98529703	12		MF	1.0		1.2		2.1						35.94	jr	0.944	2.2				
RS	SHN	SHN	12/22/1998	14:00	98529704	17		MF	1.0		1.9		1.5						8.43	jr	0.927	1.8				
RS	KND	KND	12/22/1998	13:38	98529705	8		MF	2.0		1.7		4.3						63.35	jr	0.965	2.8				
RS	PIE	PIE	12/22/1998	14:25	98529707	47		MF	1.0	Uc	6.6	c	0.6						0.07	jr	0.914	0.5				
RS	BUR	BUR	12/22/1998	14:40	98529708	140		MF	4.0		8.3								0.150	jrg	0.881	1.6				
LS	QA	BUR	12/29/1998	8:50	98539700	420		MF	20.0		19.0														44	
FD	QA	BUR	12/29/1998	8:50	98539700	390		MF	21.0		18.0															
RS	MCL	MCL	12/29/1998	12:05	98539702	92		MF	78.0		37.0				4.01				524.48	jrgx	0.974	8.2		34		
RS	PRY	PRY	12/29/1998	12:45	98539703	47		MF	53.0		27.0		3.1						474.86	jrgx	0.944	8.4		33		
RS	SHN	SHN	12/29/1998	10:45	98539704	67		MF	54.0		29.0		3.3		jam	170.75			173.22			8.2		31		
RS	KND	KND	12/29/1998	11:15	98539705	22		MF	49.0		28.0				jax				649.45	jrgx	0.963	8.0		38		
RS	PIE	PIE	12/29/1998	9:30	98539707	150		MF	11.0		17.0		1.0			5.92			5.92			8.3		33		
RS	BUR	BUR	12/29/1998	8:50	98539708	590		MF	18.0		19.0					4.58			4.58			8.1		45		
LS	QA	MCL	01/04/1999	11:50	99019700	130		MF	3.0		2.1														49	
FD	QA	MCL	01/04/1999	11:50	99019700	100		MF	4.0		2.2															
RS	MCL	MCL	01/04/1999	11:50	99019702	110		MF	3.0		2.2		1.6			64.89			64.89			5.9		50		
RS	PRY	PRY	01/04/1999	13:25	99019703	18		MF	1.0		1.4		1.9			28.93			28.93			6.1		54		
RS	SHN	SHN	01/04/1999	15:45	99019704	6		MF	3.0		3.0		1.6			26.18			26.18			5.6		58		
RS	KND	KND	01/04/1999	16:50	99019705	18		MF	5.0		2.8		4.9			115.30			115.30			5.2		42		
RS	PIE	PIE	01/04/1999	14:45	99019707	48		MF	2.0	c	8.3		0.7			0.185	jf		0.185	jf		5.3		40		
RS	BUR	BUR	01/04/1999	14:25	99019708	140		MF	3.0		7.4					0.249	jf		0.249	jf		5.8		105		
LS	QA	SHN	01/11/1999	10:30	99029700	12		MF	4.0		2.6															
FD	QA	SHN	01/11/1999	10:30	99029700	17		MF	4.0		2.5														67	
RS	MCL	MCL	01/11/1999	13:20	99029702	170		MF	4.0		3.9		1.3			38.57			38.57			7.2		47		
RS	PRY	PRY	01/11/1999	14:45	99029703	19		MF	2.0		0.8		1.7			16.34			16.34			7.5		60		
RS	SHN	SHN	01/11/1999	10:30	99029704	14		MF	3.0		2.5		1.4			14.29			14.29			6.5		67		
RS	KND	KND	01/11/1999	12:10	99029705	7		MF	3.0		1.6		4.3			63.81			63.81			6.8		59		
RS	PIE	PIE	01/11/1999	9:50	99029707	85		MF	3.0	c	11.0		0.6			0.053	jf		0.053	jf		5.5		41		
RS	BUR	BUR	01/11/1999	9:00	99029708	170		MF	3.0		9.9					0.205	jf		0.205	jf		6.0		77		
LS	QA	MCL	01/19/1999	10:07	99039700	48	J	MF	16.0		8.9															
FD	QA	MCL	01/19/1999	10:07	99039700	85	J	MF	16.0		9.1															
RS	MCL	MCL	01/19/1999	10:07	99039702	68		MF	16.0		9.1		2.1						206.28	jrmg	0.972	7.6		38		
RS	PRY	PRY	01/19/1999	11:30	99039703	17		MF	7.0		6.0		2.8			189.85			189.85			7.7		43		
RS	SHN	SHN	01/19/1999	15:00	99039704	35		MF	28.0		17.0		3.1			131.24			131.24			7.5		40		
RS	KND	KND	01/19/1999	15:25	99039705	11		MF	21.0		14.0		7.0		jr	3.21			487.47	jrgx	0.925	7.6		43		
RS	PIE	PIE	01/19/1999	12:55	99039707	48		MF	4.0	c	12.0		0.9			1.986			1.986			7.6		34		
RS	BUR	BUR	01/19/1999	13:25	99039708	360		MF	9.0		12.0					2.146			2.146			7.5		66		
LS	QA	BUR	01/26/1999	8:00	99049700	140		MF	3.0		6.9														66	
FD	QA	BUR	01/26/1999	8:00	99049700	160		MF	3.0		6.8															
RS	MCL	MCL	01/26/1999	9:15	99049702	100		MF	3.0		2.2		1.6			80.82			80.82			6.0		47		
RS	PRY	PRY	01/26/1999	11:00	99049703	3		MF	1.0		1.4		2.0			35.65			35.65			6.1		51		
RS	SHN	SHN	01/26/1999	11:55	99049704	4		MF	4.0		3.7		1.8			34.16			34.16			5.7		53		
RS	KND	KND	01/26/1999	12:50	99049705	5		MF	6.0		3.8		5.0			147.27			147.27			6.2		52		
RS	PIE	PIE	01/26/1999	8:40	99049707	110		MF	1.0	c	8.0		0.7			0.327	j		0.327	j		4.0		38		
RS	BUR	BUR	01/26/1999	8:00	99049708	120		MF	3.0		7.0					0.351	j		0.351	j		4.7		66		

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
LS	QA	PIE	02/02/1999	12:45	99059700	57		MF	4.0		13.0															
FD	QA	PIE	02/02/1999	12:45	99059700	40		MF	4.0		13.0															33
RS	MCL	MCL	02/02/1999	10:58	99059702	81		MF	62.0		31.0			jrg	2.92					277.12	jrgx	0.800	6.5			30
RS	PRY	PRY	02/02/1999	11:16	99059703	84		MF	33.0		20.0		3.1							287.92	jrx	0.864	6.5			36
RS	SHN	SHN	02/02/1999	11:39	99059704	71		MF	38.0		21.0		3.2							141.86	jrx	0.947	6.3			39
RS	KND	KND	02/02/1999	12:00	99059705	44		MF	50.0		31.0		7.2	jrx	3.36					512.34	jrx	0.965	6.7			39
RS	PIE	PIE	02/02/1999	12:45	99059707	57		MF	4.0		13.0		1.0							3.527			7.3			33
RS	BUR	BUR	02/02/1999	13:20	99059708	92		MF	5.0		11.0									2.568			7.45			49
LS	QA	BUR	02/09/1999	15:50	99069700	41		MF	4.0		5.8															
FD	QA	BUR	02/09/1999	15:50	99069700	28		MF	4.0		5.7															
RS	MCL	MCL	02/09/1999	14:45	99069702	32		MF	8.0		5.2		2.4							189.20	jr	0.980	5.9			
RS	PRY	PRY	02/09/1999	15:10	99069703	4		MF	5.0		2.8		2.4							78.03	jrx	0.864	5.65			
RS	SHN	SHN	02/09/1999	13:30	99069704	11		MF	17.0		10.0		2.5							67.06	jr	0.947	5.3			
RS	KND	KND	02/09/1999	14:00	99069705	3		MF	13.0		8.0		6.1	jr	2.39					290.53	jrx	0.965	5.7			
RS	PIE	PIE	02/09/1999	15:40	99069707	53		MF	3.0		8.6		0.8							0.64	jr	0.906	5.8			
RS	BUR	BUR	02/09/1999	15:50	99069708	46		MF	3.0		5.6									0.67	jrg	0.881	5.7			
LS	QA	MCL	02/16/1999	8:45	99079700	650		MF	19.0		10.0															
FD	QA	MCL	02/16/1999	8:45	99079700	740		MF	17.0		10.0															44
RS	MCL	MCL	02/16/1999	8:45	99079702	680	J	MF	18.0		10.0		2.1			151.91				151.91			6.3			45
RS	PRY	PRY	02/16/1999	11:00	99079703	35		MF	5.0		4.9		2.2							66.47			6.3			46
RS	SHN	SHN	02/16/1999	14:10	99079704	32		MF	8.0		6.9		2.1							57.01			6.6			47
RS	KND	KND	02/16/1999	14:50	99079705	14		MF	11.0		6.2		5.3		1.63					173.28	jrx	0.965	6.5			48
RS	PIE	PIE	02/16/1999	12:20	99079707	80		MF	4.0		11.0		0.8							1.281			6.8			36
RS	BUR	BUR	02/16/1999	13:05	99079708	130		MF	3.0		8.1									0.903			6.9			67
LS	QA	PIE	02/23/1999	16:10	99089700	100		MF	5.0		13.0															
FD	QA	PIE	02/23/1999	16:10	99089700	100		MF	5.0		13.0															36
RS	MCL	MCL	02/23/1999	13:55	99089702	12		MF	10.0		6.1		2.4							184.06			6.8			40
RS	PRY	PRY	02/23/1999	15:15	99089703	7		MF	6.0		4.8		2.6							147.28			6.9			41
RS	SHN	SHN	02/23/1999	13:05	99089704	18		MF	29.0		16.0		3.0							120.85			6.5			41
RS	KND	KND	02/23/1999	12:00	99089705	8		MF	16.0		12.0		6.4		2.64					349.03	jrx	0.965	6.4			42
RS	PIE	PIE	02/23/1999	16:10	99089707	120		MF	5.0		13.0		0.8							1.681			6.9			34
RS	BUR	BUR	02/23/1999	16:40	99089708	940	J	MF	21.0		24.0									2.017			6.8			58
LS	QA	BUR	03/02/1999	12:20	99099700	31		MF	3.0		5.7															61
FD	QA	BUR	03/02/1999	12:20	99099700	29		MF	4.0		5.8															
RS	MCL	MCL	03/02/1999	9:10	99099702	60		MF	11.0		6.5		2.6							200.13			6.4			38
RS	PRY	PRY	03/02/1999	10:35	99099703	9		MF	5.0		4.1		2.5							106.35			6.2			41
RS	SHN	SHN	03/02/1999	13:47	99099704	6		MF	13.0		8.9		2.7							81.63			6.4			44
RS	KND	KND	03/02/1999	14:20	99099705	9		MF	12.0		9.6		6.2		2.46					304.35	jrx	0.965	6.4			43
RS	PIE	PIE	03/02/1999	11:50	99099707	120		MF	1.0		7.6		0.8							0.633			6.2			36
RS	BUR	BUR	03/02/1999	12:20	99099708	60		MF	3.0		5.9									0.758			6.2			62
LS	QA	PIE	03/09/1999	15:30	99109700	63		MF	2.0		7.8															
FD	QA	PIE	03/09/1999	15:30	99109700	49		MF	2.0		7.7															41
RS	MCL	MCL	03/09/1999	10:50	99109702	140		MF	3.0		2.3		1.5							73.80			6.6	j		48
RS	PRY	PRY	03/09/1999	11:50	99109703	4		MF	1.0	U	1.7		2.0							32.91			6.5	j		49
RS	SHN	SHN	03/09/1999	13:05	99109704	9		MF	3.0		3.9		2.1							32.65			6.8	j		56
RS	KND	KND	03/09/1999	14:05	99109705	1	U	MF	7.0		4.3		5.0		1.43					141.71			6.6	j		49
RS	PIE	PIE	03/09/1999	15:10	99109707	54		MF	2.0		8.0		0.7							0.191	jf		7.1	j		41
RS	BUR	BUR	03/09/1999	15:50	99109708	2100	J	MF	2.0		6.7									0.379	jf		7.5	j		90
LS	QA	BUR	03/17/1999	12:25	99119700	120		MF	2.0		6.6															
FD	QA	BUR	03/17/1999	12:25	99119700	140		MF	3.0		6.6															112
RS	MCL	MCL	03/17/1999	9:30	99119702	85		MF	2.0		2.2		1.4							64.65			6.5			43
RS	PRY	PRY	03/17/1999	11:00	99119703	6		MF	1.0	U	1.1		2.0							36.89			6.5			50
RS	SHN	SHN	03/17/1999	14:50	99119704	5		MF	3.0		3.2		2.1							28.88			7.8			58
RS	KND	KND	03/17/1999	16:05	99119705	1		MF	4.0		2.5		4.8							115.27			7.9			62
RS	PIE	PIE	03/17/1999	13:40	99119707	150		MF	2.0	c	6.8		0.7							0.168	jf		9.8			46
RS	BUR	BUR	03/17/1999	12:25	99119708	150		MF	2.0		6.4									0.236	jf		7.9			107
LS	QA	SHN	03/23/1999	13:08	99129700	4		MF	4.0		2.7															
FD	QA	SHN	03/23/1999	13:08	99129700	3		MF	4.0		2.6															68
RS	MCL	MCL	03/23/1999	10:13	99129702	80		MF	3.0		2.4		1.2							41.44			8.0			60

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	PRY	PRY	03/23/1999	11:46	99129703	1		MF	1.0	U	0.8		1.9			15.98			15.98			8.2		54		
RS	SHN	SHN	03/23/1999	13:08	99129704	1		MF	2.0		2.6		2.0			19.26			19.26			9.6		65		
RS	KND	KND	03/23/1999	13:40	99129705	2		MF	3.0		1.8		4.4			70.07			70.07			8.8		62		
RS	PIE	PIE	03/23/1999	15:00	99129707	92		MF	5.0		8.9		0.7			0.131	jf		0.131	jf		12.7		55		
RS	BUR	BUR	03/23/1999	15:25	99129708	84		MF	4.0		7.8					0.191	jf		0.191	jf		11.6		153		
LS	QA	MCL	03/30/1999	9:45	99139700	64		MF	6.0		3.7															
FD	QA	MCL	03/30/1999	9:45	99139700	64		MF	6.0		3.8														44	
RS	MCL	MCL	03/30/1999	9:45	99139702	76		MF	5.0		3.7		1.7			114.05			114.05			6.3		44		
RS	PRY	PRY	03/30/1999	11:10	99139703	11		MF	5.0		3.9		2.4			85.18			85.18			6.1		47		
RS	SHN	SHN	03/30/1999	14:10	99139704	59		MF	10.0		7.8		2.5			69.67			69.67			7.2		49		
RS	KND	KND	03/30/1999	14:40	99139705	3		MF	11.0		6.5		5.5	1.85					198.35	jrx	0.965	6.8		48		
RS	PIE	PIE	03/30/1999	13:00	99139707	96		MF	6.0		9.5		0.8			0.72			0.717			8.8		41		
RS	BUR	BUR	03/30/1999	12:20	99139708	110		MF	5.0		7.7					0.67			0.673			7.9		75		
LS	QA	BUR	04/06/1999	14:15	99149700	280		MF	7.0		12.0														143	
FD	QA	BUR	04/06/1999	14:15	99149700	230		MF	8.0	c	12.0															
RS	MCL	MCL	04/06/1999	11:05	99149702	28		MF	3.0		2.2		1.2			36.70			36.70			6.4		51		
RS	PRY	PRY	04/06/1999	12:30	99149703	1		MF	1.0	U	0.8		1.9			19.13			19.13			7.0		53		
RS	SHN	SHN	04/06/1999	15:20	99149704	1		U	MF	2.0	2.5		2.0			16.57			16.57			9.5		64		
RS	KND	KND	04/06/1999	16:05	99149705	1	U	MF	2.0		1.5		4.3			64.70			64.70			8.9		62		
RS	PIE	PIE	04/06/1999	13:40	99149707	20		MF	5.0		8.5		0.7			0.075	jf		0.075	jf		9.4				
RS	BUR	BUR	04/06/1999	14:15	99149708	210		MF	9.0	c	12.0					0.092	jf		0.092	jf		11.7		149		
LS	QA	SHN	04/13/1999	13:05	99159700	2		MF	2.0		2.2														70	
FD	QA	SHN	04/13/1999	13:05	99159700	3		MF	1.0		2.2															
RS	MCL	MCL	04/13/1999	8:55	99159702	51		MF	1.0		1.8		1.1			27.872			27.87			7.4		51		
RS	PRY	PRY	04/13/1999	10:15	99159703	1		MF	1.0	U	0.8		1.8			15.393			15.39			7.1		57		
RS	SHN	SHN	04/13/1999	13:05	99159704	2		MF	2.0		2.2		1.9			15.450			15.45			9.4		68		
RS	KND	KND	04/13/1999	14:00	99159705	2		MF	2.0		1.3		4.2			55.253			55.25			8.9		63		
RS	PIE	PIE	04/13/1999	11:20	99159707	40		MF	5.0		8.8		0.7			0.081	jf		0.081	jf		8.6		58		
RS	BUR	BUR	04/13/1999	12:00	99159708	450		MF	4.0	c	8.5					0.106	jf		0.106	jf		9.8		145		
LS	QA	PRY	04/19/1999	11:55	99169700	4		MF	1.0	U	0.8														61	
FD	QA	PRY	04/19/1999	11:55	99169700	5		MF	1.0		0.7															
RS	MCL	MCL	04/19/1999	10:20	99169702	110		MF	2.0		1.6		1.0			22.22			22.22			8.7		62		
RS	PRY	PRY	04/19/1999	11:55	99169703	6		MF	1.0	U	0.7		1.7			8.16			8.16			8.8		59		
RS	SHN	SHN	04/19/1999	14:25	99169704	310	J	MF	2.0		1.8		1.9			10.94			10.94			10.1		68		
RS	KND	KND	04/19/1999	15:05	99169705	9		MF	2.0		1.4		4.0			41.39			41.39			9.7		66		
RS	PIE	PIE	04/19/1999	13:05	99169707	910		MF	9.0	c	14.0		0.7			0.063	jf		0.063	jf		10.4		63		
RS	BUR	BUR	04/19/1999	13:35	99169708	4500	J	MF	18.0		16.0					0.100	jf		0.100	jf		10.9		334		
LS	QA	PIE	04/27/1999	12:25	99179700	430		MF	7.0		11.0															
FD	QA	PIE	04/27/1999	12:25	99179700	380		MF	8.0		12.0															
RS	MCL	MCL	04/27/1999	9:50	99179702	120		MF	2.0		1.8		0.9			19.83		23	19.83			8.3		58		
RS	PRY	PRY	04/27/1999	11:05	99179703	1	U	MF	1.0	U	1.0		1.7			6.97		22	6.97			7.9		63		
RS	SHN	SHN	04/27/1999	13:15	99179704	9		MF	2.0		2.0		1.8			8.66		16	8.66			9.1		78		
RS	KND	KND	04/27/1999	14:00	99179705	6		MF	1.0		1.0		3.8			33.03		24	33.03			8.8		70		
RS	PIE	PIE	04/27/1999	12:25	99179707	340		MF	7.0		13.0		0.6			0.069	jf	16	0.069	jf		9.2		63		
RS	BUR	BUR	04/27/1999	11:55	99179708	2800		MF	12.0	c	13.0					0.069	jf	16	0.069	jf		10.7		244		
LS	QA	PIE	05/05/1999	12:40	99189700	14		MF	18.0		12.0															
FD	QA	PIE	05/05/1999	12:40	99189700	23		MF	19.0		13.0															
RS	MCL	MCL	05/05/1999	10:37	99189702	280		MF	5.0		3.3		0.9			18.77		21	18.77			8.7		72		
RS	PRY	PRY	05/05/1999	11:45	99189703	5		MF	1.0	U	0.6		1.7			5.14		25	5.14			8.6		64		
RS	SHN	SHN	05/05/1999	14:00	99189704	14		MF	1.0	U	1.7		1.8			7.45		19	7.45			10.4		81		
RS	KND	KND	05/05/1999	14:55	99189705	3		MF	1.0	U	0.8		3.9			37.58		24	37.58			10.9		63		
RS	PIE	PIE	05/05/1999	12:40	99189707	43		MF	10.0	c	14.0		0.6			0.015	jfm	10	0.015	jfm		9.7		72		
RS	BUR	BUR	05/05/1999	13:15	99189708	1200		MF	12.0	c	14.0	cs				0.026	jf	17	0.026	jf		14.4		280	c	
LS	QA	MCL	05/11/1999	8:35	99199700	420		MF	2.0		1.3															
FD	QA	MCL	05/11/1999	8:35	99199700	340		MF	1.0	U	1.3															
RS	MCL	MCL	05/11/1999	8:35	99199702	470		MF	1.0	U	1.4		0.9			19.40		25	19.40			7.8		63		
RS	PRY	PRY	05/11/1999	10:00	99199703	11		MF	1.0	U	0.6		1.7			6.88		18	6.88			7.9		64		
RS	SHN	SHN	05/11/1999	12:20	99199704	36		MF	1.0		1.8		1.8			7.44		18	7.44			8.9		81		
RS	KND	KND	05/11/1999	13:05	99199705	5		MF	1.0	U	0.9		3.9			38.42		25	38.42			8.8		60		
RS	PIE	PIE	05/11/1999	11:05	99199707	640		MF	27.0		22.0		0.7			0.057	j	17	0.057	j		8.5		73		
RS	BUR	BUR	05/11/1999	10:35	99199708	1400		MF	20.0		20.0					0.079	j	5	0.079	j		9.5		286	c	

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r^2 for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
LS	QA	MCL	05/18/1999	10:35	99209700	180		MF	1.0	U	1.8															
FD	QA	MCL	05/18/1999	10:35	99209700	220		MF	2.0		1.9															63
RS	MCL	MCL	05/18/1999	10:35	99209702	200		MF	1.0		1.7								0	25.19	jr	0.981	9.8			66
RS	PRY	PRY	05/18/1999	11:25	99209703	10		MF	1.0		0.9							0	7.40	jr	0.973	9.8			61	
RS	SHN	SHN	05/18/1999	14:18	99209704	26	J	MF	1.0	U	2.0							0	7.17	jr	0.898	11.4			85	
RS	KND	KND	05/18/1999	14:55	99209705	1		MF	2.0		1.2							0	40.81	jrx	0.902	11.4			66	
RS	PIE	PIE	05/18/1999	12:40	99209707	180		MF	6.0	cs	17.0	cs	0.7			0.070	jf	18	0.070	jf		11.9			72	
RS	BUR	BUR	05/18/1999	13:30	99209708	3700		MF	12.0	cs	17.0	cs				0.037	jf	17	0.037	jf		14.5			494	
LS	QA	SHN	05/24/1999	12:10	99219700	15		MF	2.0		1.4															cs
FD	QA	SHN	05/24/1999	12:10	99219700	20		MF	2.0		1.4															88
RS	MCL	MCL	05/24/1999	8:30	99219702	200		MF	3.0		1.6					14.42		22	14.42				11.3			67
RS	PRY	PRY	05/24/1999	9:45	99219703	31		MF	1.0		0.8					4.45	jf	17	4.45	jf			11.4			70
RS	SHN	SHN	05/24/1999	12:10	99219704	17		MF	1.0		1.3					4.36		20	4.36				13.0			86
RS	KND	KND	05/24/1999	13:12	99219705	2		MF	1.0	U	0.7					27.19		23	27.19				12.9			73
RS	PIE	PIE	05/24/1999	11:00	99219707	210	cs	MF	14.0	cs	20.0	cs	0.6			0.019	jf	10	0.019	jf			12.2			86
RS	BUR	BUR	05/24/1999	10:30	99219708	1200	cs	MF	38.0	cs	32.0	cs				0.008	jf	6	0.008	jf			15.2			890
LS	QA	MCL	06/01/1999	10:30	99229700	170		MF	1.0		1.4															
FD	QA	MCL	06/01/1999	10:30	99229700	170		MF	1.0	U	1.5															70
RS	MCL	MCL	06/01/1999	10:30	99229702	130		MF	1.0	U	1.7					9.84		20	9.84				10.6			72
RS	PRY	PRY	06/01/1999	11:45	99229703	1		MF	1.0	U	0.6					3.515	jf	18	3.515				10.7			73
RS	SHN	SHN	06/01/1999	13:40	99229704	22		MF	1.0	U	0.9					3.062	jf	18	3.062				11.8			88
RS	KND	KND	06/01/1999	14:15	99229705	1	U	MF	9.0		0.5	U	3.6			18.87		20	18.87				12.2			78
RS	PIE	PIE	06/01/1999	12:25	99229707	160		MF	43.0	cs	17.0	cs	0.6			0.001	jf	0	0.001				9.9			95
RS	BUR	BUR	06/01/1999	12:45	99229708	600	cs	MF	1.0	Ucs	25.0	cs				0.002	jf	1	0.002				14.9			989
LS	QA	MCL	06/09/1999	13:25	99239700	1200		MF	1.0		1.5															>
FD	QA	MCL	06/09/1999	13:25	99239700	1300		MF	2.0		1.5															72
RS	MCL	MCL	06/09/1999	13:25	99239702	1300		MF	2.0		1.5					0.7										73
RS	PRY	PRY	06/09/1999	13:05	99239703	24		MF	1.0	U	0.5	U	1.6			3.17	jf	16	3.17	jr	0.981	10.8			73	
RS	SHN	SHN	06/09/1999	11:25	99239704	21		MF	1.0	U	1.1					1.7							10.8			94
RS	KND	KND	06/09/1999	11:52	99239705	9		MF	2.0		1.4					3.5							1.09			80
RS	PIE	PIE	06/09/1999	11:00	99239707	450	cs	MF	7.0	cs	10.0	cs	0.6			0.0086	jf	2	0.0086	jf			1.01			97
RS	BUR	BUR	06/09/1999	10:30	99239708	5500	s	MF	6.0	cs	11.0	cs				0.0087	jf	7	0.0087	jf			13.4			108
LS	QA	MCL	06/21/1999	10:45	99259700	5000		MF	1.0		2.1															
FD	QA	MCL	06/21/1999	10:45	99259700	4200		MF	2.0		2.1															79
RS	MCL	MCL	06/21/1999	10:45	99259702	3000		MF	3.0		2.1					6.84		20	6.84				12.1			73
RS	PRY	PRY	06/21/1999	12:15	99259703	13		MF	2.0		0.5					2.55		19	2.55				12.4			79
RS	SHN	SHN	06/21/1999	14:05	99259704	510	J	MF	18.0		15.0					3.34		19	3.34				13.7			117
RS	KND	KND	06/21/1999	14:55	99259705	6		MF	1.0		0.6					12.43		23	12.43				13.1			82
RS	PIE	PIE	06/21/1999	13:05	99259707	26		MF	3.0		7.9					0.00036	jf	0	0.00036	jf			11.9			
RS	BUR	BUR	06/21/1999	12:55	99259708											0.00094	jf	1	0.00094	jf						
LS	QA	MCL	07/20/1999	8:30	99299700	470		MF		1																
FD	QA	MCL	07/20/1999	8:30	99299700	670		MF	1.0		2.4															83
RS	MCL	MCL	07/20/1999	8:30	99299702	480		MF	1.0		2.5					0.6		20	4.17				13.4			84
RS	PRY	PRY	07/20/1999	9:50	99299703	11		MF	1.0	U	0.6					1.5		16	1.21	jf			13.1			85
RS	SHN	SHN	07/20/1999	11:30	99299704	31		MF	1.0	U	0.9					1.6		17	1.31	j			13.7			105
LS	SHN	SHN	07/20/1999	11:30	99299704						0.8															
RS	KND	KND	07/20/1999	12:00	99299705	62		MF	1.0	U	0.5	U	3.5			7.45	j	19	7.45	j			14.5			92
RS	PIE	PIE	07/20/1999	10:35	99299707	5		MF								0.00042	jf	0	0.00042	jf			12.5			190
RS	BUR	BUR	07/20/1999	9:55	99299708											0		0	0.00							
LS	QA	MCL	08/24/1999	9:30	99349700	620		MF	2		2.6															
FD	QA	MCL	08/24/1999	9:30	99349700	780		MF	2.0		2.6															90
RS	MCL	MCL	08/24/1999	9:30	99349702	750		MF	1.0		2.7					0.6		20	2.73				13.73	jr		88
RS	PRY	PRY	08/24/1999	10:50	99349703	45		MF	2.0	c	0.5					1.4		20	0.79	jf			13.3			93
RS	SHN	SHN	08/24/1999	12:45	99349704	30		MF	1.0		1.1					1.6		14	0.84				15.2			110
RS	KND	KND	08/24/1999	13:50	99349705	15		MF	1.0	U	0.5	U	3.3			5.12		24	5.12				15.7			100
RS	PIE	PIE	08/24/1999	12:10	99349707											0			0		jf					
RS	BUR	BUR	08/24/1999	12:05	99349708											0			0							
LS	QA	SHN	09/07/1999	12:20	99369700						1.0															
FD	QA	SHN	09/07/1999	12:20	99369700	26		MF	1.0	U	1.0															111
RS	MCL	MCL	09/07/1999	9:50	99369702	120		MF	2.0		3.0					0.5		17	2.12				13.7			84
RS	PRY	PRY	09/07/1999	10:55	99369703	210		MF	1.0	U	0.5					1.4		16	0.54				11.3			92

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	SHN	SHN	09/07/1999	12:20	99369704	23		MF	1.0	U	1.0		1.6					17	0.658			12.2		110			
RS	KND	KND	09/07/1999	13:30	99369705	76		MF	1.0	U	0.5	U	3.3					24	4.42			13.2		100			
LS	KND	KND	09/07/1999	13:30	99369705				1.0	U																	
RS	PIE	PIE	09/07/1999	11:35	99369707								0.57				0	0	0.0		jf						
RS	BUR	BUR	09/07/1999	11:30	99369708												0	0	0.0		jf						
LS	QA	MCL	09/21/1999	9:00	99389700	220		MF	2.0		2.8																
FD	QA	MCL	09/21/1999	9:00	99389700	250		MF	2.0		2.9															86	
RS	MCL	MCL	09/21/1999	9:00	99389702	140		MF	2.0		2.5		0.5			1.77		21	1.77			11.8			87		
RS	PRY	PRY	09/21/1999	10:25	99389703	37		MF	1.0		0.5		1.4			0.50		19	0.499			11.5			92		
RS	SHN	SHN	09/21/1999	11:55	99389704	310	J	MF	2.0		2.1		1.5			0.76		15	0.756			12.75			118		
RS	KND	KND	09/21/1999	12:45	99389705	68		MF	1.0	U	0.7		3.3			4.12		22	4.12			13.0			95		
RS	PIE	PIE	09/21/1999	11:18	99389707								0.57			0	jf	0	0.0		jf						
RS	BUR	BUR	09/21/1999	11:10	99389708											0	jf	0	0.0		jf						
LS	QA	MCL	10/06/1999	9:05	99409800	130		MF	2		2.1																
FD	QA	MCL	10/06/1999	9:05	99409800	110		MF	2		2.2																
RS	MCL	MCL	10/06/1999	9:05	99409802	80		MF	2		2.1		0.54			2.17		20	2.17			10.0			96		
RS	PRY	PRY	10/06/1999	10:40	99409803	11		MF	1	U	0.6		1.44			0.47	jl	23	14	0.47	jl	10.2			99		
RS	SHN	SHN	10/06/1999	11:50	99409804	63		MF	3		1.3		1.56			0.69		17	9	0.69		10.8			117		
RS	KND	KND	10/06/1999	12:40	99409805	11		MF	1	U	0.5	U	3.33			4.28		25	21	4.28		11.1			110		
RS	PIE	PIE	10/06/1999	11:15	99409807								0.575			0		0	0.00		jf						
RS	BUR	BUR	10/06/1999	11:05	99409808											0		0	0.00		jf						
LS	QA	SHN	10/12/1999	13:20	99419800	63		MF	1.0		1.3																
FD	QA	SHN	10/12/1999	13:20	99419800	43		MF	1.0	U	1.2		1.6									10.0				10	
RS	MCL	MCL	10/12/1999	10:50	99419802	96		MF	2.0		2.3		0.6			3.16		24	3.16			9.7			88		
RS	PRY	PRY	10/12/1999	12:05	99419803	6		MF	1.0		0.5	U	1.4			0.76	jl	24	13	0.76	jl	10.2			91		
RS	SHN	SHN	10/12/1999	13:20	99419804	74		MF	1.0	U	1.3		1.6			0.93		26	20	0.93		10.0			112		
RS	KND	KND	10/12/1999	14:45	99419805	66		MF	1.0		0.9		3.4	jr	3.39	5.87		35	28	5.87		10.7			101		
RS	PIE	PIE	10/12/1999	12:30	99419807								0.575			0.00		0	0.00		jf						
RS	BUR	BUR	10/12/1999	12:40	99419808											0.00		0	0.00		jf						
LS	QA	MCL	10/19/1999	8:15	99429800	180		MF	2		3.3																
FD	QA	MCL	10/19/1999	8:15	99429800	200		MF	2		3.3											6.8				88	
RS	MCL	MCL	10/19/1999	8:15	99429802	200		MF	2		3.3		0.53			2.65		24	21	2.65		6.5			85		
RS	PRY	PRY	10/19/1999	9:40	99429803	14		MF	1	U	0.5	U	1.44			0.70	jl	24	12	0.70	jl	7.3			90		
RS	SHN	SHN	10/19/1999	10:30	99429804	33		MF	1	U	1.1		1.58			0.96		24	15	0.96		7.3			107		
RS	KND	KND	10/19/1999	11:30	99429805	16		MF	1		0.8		3.47	jr	3.47	4.65		33	27	4.65		8.0			96		
RS	PIE	PIE	10/19/1999	7:45	99429807								0.575			0.00		0	0.00		jf						
RS	BUR	BUR	10/19/1999	7:35	99429808											0.00		0	0.00		jf						
LS	QA	SHN	10/26/1999	13:52	99439800	80		MF	1.0	U	2.3																
FD	QA	SHN	10/26/1999	13:52	99439800	96		MF	2.0		2.3											8.6				109	
RS	MCL	MCL	10/26/1999	11:00	99439802	54		MF	2.0		3.4		0.6			3.05		24	21	3.05		7.9			89		
RS	PRY	PRY	10/26/1999	12:25	99439803	19		MF	1.0	U	1.1		1.5			0.72	jl	27	18	0.72	jl	8.5			92		
RS	SHN	SHN	10/26/1999	13:52	99439804	100		MF	1.0	U	1.8		1.6			1.06		24	15	1.06		8.6			111		
RS	KND	KND	10/26/1999	14:50	99439805	14		MF	10.0		6.0		3.5	jr	3.50	5.79		32	27	5.79		9.5			99		
RS	PIE	PIE	10/26/1999	12:55	99439807								0.57			0	jf	0	0.0		jf						
RS	BUR	BUR	10/26/1999	13:10	99439808											0	jf	0	0.0		jf						
LS	QA	MCL	11/02/1999	6:55	99449800	40		MF			3.2																
FD	QA	MCL	11/02/1999	6:55	99449800	44		MF	6	J	3.4											6.3				78	
RS	MCL	MCL	11/02/1999	6:55	99449802	45		MF	6		3.2		0.695			7.01		25	22	7.01		6.3			76		
LS	MCL	MCL	11/02/1999	6:55	99449802				6.0																		
RS	PRY	PRY	11/02/1999	8:13	99449803	6		MF	1	U	0.8		1.6			3.33		29	24	3.33		6.0			78		
RS	SHN	SHN	11/02/1999	9:35	99449804	41		MF	3		2.8		1.545			1.72		22	18	1.72		6.0			116		
RS	KND	KND	11/02/1999	10:40	99449805	2		MF	3		1.7		3.75	jr	3.75	13.62		27	20	13.62		6.9			88		
RS	PIE	PIE	11/02/1999	9:14	99449807								0.58			0.0012	jf	0	0	0.0012	jf						
RS	BUR	BUR	11/02/1999	9:00	99449808											0.0027	jf	0	0	0.0027	jf						
LS	QA	MCL	11/09/1999	8:55	99459800	100		MF			7																
FD	QA	MCL	11/09/1999	8:55	99459800	110		MF	12		7											8.9				76	
RS	MCL	MCL	11/09/1999	8:55	99459802	120		MF	11		7		0.88			14.66		30	25	14.66		8.9			75		
RS	PRY	PRY	11/09/1999	10:28	99459803	29		MF	6		3.2		1.755			8.94	jl	29	19	8.94	jl	9.0			71		
LS	PRY	PRY	11/09/1999	10:28	99459803				7																		
RS	SHN	SHN	11/09/1999	12:48	99459804	150	JS	MF	16		85		1.91	jt		14.33		31	22	14.33		9.1			90		
RS	KND	KND	11/09/1999	13:40	99459805	14	m	MF	12		6		0.7012	jr		36.38		28	21	36.38		9.4			68		

Appendix B.

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	PIE	PIE	11/09/1999	11:20	99459807	2400	JX	MF	6	c	15		0.75			0.3847	jf	22	16	0.3847	jf		9.7		73		
LS	PIE	PIE	11/09/1999	11:20	99459807				5																		
RS	BUR	BUR	11/09/1999	11:55	99459808	9400	JX	MF	75	c	55		1	w		0.4666	jf	16	12	0.4666	jf		10.0		205		
LS	QA	PRY	11/16/1999	10:40	99469800	16		MF	8		4																
FD	QA	PRY	11/16/1999	10:40	99469800	14		MF	6		3.8		1.92										10.1		61		
RS	MCL	MCL	11/16/1999	8:45	99469802	32		MF	7		5.5		1.17			37.22		27	26	37.22			10.0		62		
RS	PRY	PRY	11/16/1999	10:40	99469803	14		MF	8		3.9		1.92			23.14		23	21	23.14			10.2		62		
RS	SHN	SHN	11/16/1999	11:50	99469804	32		MF	5		4.7		1.875	jt		18.00		33	22	18.00			10.4		89		
RS	KND	KND	11/16/1999	12:48	99469805	18		MF	7		3.9		0.93		0.93	76.56		27	23	76.56			10.1		65		
RS	PIE	PIE	11/16/1999	8:00	99469807	140		MF	1	c	9.3	c	0.7			0.0698	jf	17	10	0.0698			10.6		57		
RS	BUR	BUR	11/16/1999	7:25	99469808	830		MF	5	c	12	c	0.7	w		0.0447	jf	15	4	0.0447	jf		10.7		191		
LS	QA	KND	11/22/1999	16:20	99479800	39	JS	MF	6		3.9																
FD	QA	KND	11/22/1999	16:20	99479800	22	JS	MF	7		4															55	
RS	MCL	MCL	11/22/1999	9:45	99479802	48	JS	MF	8		4.9		1.95			114.24		22	20	114.24			8.0		52		
RS	PRY	PRY	11/22/1999	11:30	99479803	41		MF	7		4.5		2.45			64.32		24	22	64.32			8.4		53		
RS	SHN	SHN	11/22/1999	14:50	99479804	31	JS	MF	6		5.6		2.12	jta		42.99		29	24	42.99			7.9		56		
RS	KND	KND	11/22/1999	16:20	99479805	40		MF	7		4.1		1.65			170.73		27	26	170.73			8.6		54		
RS	PIE	PIE	11/22/1999	13:40	99479807	71		MF	3	c	6.9	c	0.74			0.3029	jf	23	2	0.3029	jf		8.7		45		
RS	BUR	BUR	11/22/1999	12:48	99479808	900		MF	5	c	9.3	c				0.1604	jf	25	0	0.1604	jf		8.5		109		
LS	QA	BUR	11/30/1999	8:00	99489800	400		MF	5		10																
FD	QA	BUR	11/30/1999	8:00	99489800	610		MF	5		10												7.9		76		
RS	MCL	MCL	11/30/1999	11:00	99489802	27		MF	6		4.6		1.71					0	0	96.87	jr	0.939	8.7		49		
RS	PRY	PRY	11/30/1999	11:30	99489803	13		MF	6		4.4		2.12					0	0	21.94	jr	0.913	8.8		56		
RS	SHN	SHN	11/30/1999	9:25	99489804	29		MF	5		4.6		2.14					0	0	45.52	jr	0.919	8.20		56		
RS	KND	KND	11/30/1999	10:25	99489805	29		MF	6		3.8		1.32		1.32	151.70		24	21	151.70			8.8		54		
RS	PIE	PIE	11/30/1999	9:00	99489807	92		MF	2	c	10		0.745		1.32	0.6046	jf	26	10	0.6046	jf		7.4		41		
RS	BUR	BUR	11/30/1999	8:00	99489808	530		MF	4	c	10					0.5114	jf	24	5	0.5114	jf		7.9		70		
LS	QA	PIE	12/07/1999	11:50	99499800	45		MF	2	c	7.6	c															
FD	QA	PIE	12/07/1999	11:50	99499800	68		MF	1	c	7.7	c											6.2		40		
RS	MCL	MCL	12/07/1999	9:00	99499802	45		MF	5		3.5		1.89			125.45		21	19	125.45			7.1		48		
RS	PRY	PRY	12/07/1999	10:30	99499803	29		MF	5		2.9		2.33			78.81		20	19	78.81			7.5		42		
RS	SHN	SHN	12/07/1999	13:52	99499804	12		MF	6		4.8		2.32	jta		46.62	t	39	30	46.62			7.0		48		
RS	KND	KND	12/07/1999	15:00	99499805	41		MF	5		3.5		1.6		1.60	208.85	jl	22	21	208.85	jl		7.6		50		
RS	PIE	PIE	12/07/1999	11:50	99499807	69		MF	2	c	7.4	c	0.72			0.307	jf	27	3	0.307	jf		6.2		42		
RS	BUR	BUR	12/07/1999	12:30	99499808	240		MF	4.0	c	7.0	c	0.9	w		0.267	jf	22	1	0.267	jf		7.1		105		
LS	QA	SHN	12/14/1999	9:35	99509800	25		MF	13		8.3																
FD	QA	SHN	12/14/1999	9:35	99509800	28		MF	15		8.5		2.6										6.7		42		
RS	MCL	MCL	12/14/1999	11:10	99509802	48		MF	15		8.4							0	0	234.73	jr	0.947	7.4		36		
RS	PRY	PRY	12/14/1999	12:18	99509803	33		MF	10		5.5		2.695			150.19		26	24	150.19			7.5		45		
LS	PRY	PRY	12/14/1999	12:18	99509803				10.0																		
RS	SHN	SHN	12/14/1999	9:35	99509804	28		MF	14.0		8.0		2.6	jt		100.13		40	28	100.13			6.8		49		
RS	KND	KND	12/14/1999	10:10	99509805	18		MF	22		13		3		2.96			0	0	398.66	jr	0.967	7.7		43		
RS	PIE	PIE	12/14/1999	8:07	99509807	140		MF	5		10		1					0	0	2.43	jr	0.991	6.3		40		
RS	BCUL	BCUL	12/14/1999	7:50	99509808	490	s	MF	10	s	11	s	1	w				0	0	2.1440	jM	0.983	6.8		49		
LS	QA	MCL	12/21/1999	8:15	99519800	12	JX	MF	7		3.9																
FD	QA	MCL	12/21/1999	8:15	99519800	14	JX	MF	7	s	4.1												8.0		47		
RS	MCL	MCL	12/21/1999	8:15	99519802	9	JX	MF	7		4		1.82			100.38		22	19	100.38			8.0		48		
RS	PRY	PRY	12/21/1999	10:08	99519803	11		MF	2		1.9		2.475			45.52		23	20	45.52			739.0		49		
RS	SHN	SHN	12/21/1999	12:57	99519804	14	JX	MF	7		5.4		2			35.17		25	23	35.17			8.0		55		
RS	KND	KND	12/21/1999	13:55	99519805	3		MF	8		5.1		1.545		1.55	186.00		23	22	186.00			8.0		51		
RS	PIE	PIE	12/21/1999	11:55	99519807	34		MF	2	c	7.3		0.695			0.211	jf	24	16	0.211	jf		7.0		47		
RS	BUR	BUR	12/21/1999	11:15	99519808	250		MF	9	s	8.5					0.351	jf	23	10	0.351	jf		7.6		76		
LS	QA	BUR	12/28/1999	7:20	99529800	390		MF	24		8.2																
FD	QA	BUR	12/28/1999	7:20	99529800	460		MF	23	s	8.1												5.2		96		
RS	MCL	MCL	12/28/1999	8:48	99529802	100		MF	3		2.7		1.24			37.87		29	26	37.87			5.3		46		
RS	PRY	PRY	12/28/1999	10:45	99529803	13		MF	1	U	1.6		2.04			14.22		25	17	14.22			5.2		58		
RS	SHN	SHN	12/28/1999	11:55	99529804	12		MF	2		2.5		1.6			13.92		25	21	13.92			5.7		66		
RS	KND	KND	12/28/1999	12:58	99529805	2		MF	2		1.6		0.77		0.77	68.90		31	29	68.90			6.2		59		
RS	PIE	PIE	12/28/1999	8:05	99529807	45		MF	1	c	6.3		0.65			0.070	jf	21	12	0.070	jf		4.5		48		
RS	BUR	BUR	12/28/1999	7:20	99529808	490		MF	5	s	9.4		0.65	w		0.0900	jf	15	0	0.0900	jf		5.2		96		
LS	QA	KND	01/04/2000	12:56	00019800	18		MF	18		11																

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
FD	QA	KND	01/04/2000	12:56	00019800	11		MF	20		10																
RS	MCL	MCL	01/04/2000	9:22	00019802	64		MF	23		12		3		6.45			0	0	216.10	jr	0.939	7.0			48	
RS	PRY	PRY	01/04/2000	10:30	00019803	29		MF	6		5.1		2.64			74.69		25	24	74.69			6.8			40	
RS	SHN	SHN	01/04/2000	12:35	00019804	72		MF	12		11		2					0	0	49.43	jr	0.919	6.6			48	
RS	KND	KND	01/04/2000	12:56	00019805	11		MF	18		9.8		1.62					0	0	198.77	jrx	0.967	7.0			48	
RS	PIE	PIE	01/04/2000	11:38	00019807	89		MF	5		12		1			1.092	jf	27	18	1.09	jf		7.0			41	
RS	BUR	BUR	01/04/2000	12:12	00019808	410		MF	7		11		1	w		0.6489	jf	24	14	0.65	jf		6.9			80	
LS	QA	PRY	01/11/2000	13:38	00029800	13		MF	1.0	U	2.0																
FD	QA	PRY	01/11/2000	13:38	00029800	16		MF	1	U	2.1		2.52										5.8			51	
RS	MCL	MCL	01/11/2000	11:01	00029802	23		MF	3		2.4		1.85		5.77	111.64		22	19	111.64			5.5			40	
RS	PRY	PRY	01/11/2000	13:32	00029803	11		MF	1	U	1.6		2.52			52.82		28	26	52.82			5.8			51	
RS	SHN	SHN	01/11/2000	12:31	00029804	16		MF	5		4.2		2.16			47.64	jl	25	23	47.64	jl		4.8			52	
RS	KND	KND	01/11/2000	11:40	00029805	8		MF	4		2.3		1.5			170.44		24	23	170.44			5.5			56	
RS	PIE	PIE	01/11/2000	15:07	00029807	41		MF	2		8.5		0.76					0	0	0.58	jrx	0.991	4.9			43	
RS	BUR	BUR	01/11/2000	15:18	00029808	84		MF	4		7.2		0.94	w		0.4922	jf	18	8	0.492	jf		5.0			65	
LS	QA	SHN	01/18/2000	11:34	00039800	14		MF	6		4.9																
FD	QA	SHN	01/18/2000	11:34	00039800	16		MF	6.0		5.0												4.6			50	
RS	MCL	MCL	01/18/2000	8:33	00039802	13		MF	4		2.3		1.8		5.72	109.28		21	17	109.28			4.8			47	
RS	PRY	PRY	01/18/2000	9:35	00039803	5		MF	2		1.7		2.61					0	0	78.62	jr	0.913	5.2			49	
RS	SHN	SHN	01/18/2000	11:34	00039804	14		MF	6		5.3		2.15			51.58		27	24	51.58			4.6			49	
RS	KND	KND	01/18/2000	12:44	00039805	3		MF	5		3.1		1.55			193.35		26	25	193.35			5.2			48	
RS	PIE	PIE	01/18/2000	10:44	00039807	37		MF	1		7.2		0.71			0.4250	jf	22	19	0.425	jf		1.9			44	
RS	BUR	BUR	01/18/2000	10:10	00039808	54		MF	3		5.7		0.89	w		0.35996	jf	17	4	0.360	jf		3.4			76	
LS	QA	PRY	01/25/2000	11:30	00049800	47		MF	1	U	1.4																
FD	QA	PRY	01/25/2000	11:30	00049800	50		MF	1	U	1.3		2.29										6.8			53	
RS	MCL	MCL	01/25/2000	11:52	00049802	15		MF	3		2		1.4		5.33	67.34		24	21	67.34			6.8			50	
RS	PRY	PRY	01/25/2000	11:30	00049803	42		MF	1	U	1.3		2.295			31.43		25	22	31.43			6.8			55	
RS	SHN	SHN	01/25/2000	14:48	00049804	24		MF	3		2.7		1.7			22.71		23	21	22.71			6.8			60	
RS	KND	KND	01/25/2000	15:35	00049805	2		MF	2		1.7		0.96			100.08	jl	22	21	100.08	jl		6.8			55	
RS	PIE	PIE	01/25/2000	13:05	00049807	29		MF	2		8.9		0.695			0.21	jf	22	14	0.21	jf		7.7			50	
RS	BUR	BUR	01/25/2000	13:45	00049808	210		MF	4		8.3		0.75	w		0.18	jf	19	5	0.18	jf		7.0			251	
LS	QA	BUR	02/01/2000	10:40	00059800	3200		MF	45		35																
FD	QA	BUR	02/01/2000	10:40	00059800	2700		MF	41		33															53	
RS	MCL	MCL	02/01/2000	9:10	00059802	260		MF	44		21		3.24					0	0	345.21	jr	0.939	6.4			33	
RS	PRY	PRY	02/01/2000	8:47	00059803	88		MF	16		9.6		2.86			117.56		26	22	117.56			6.5			48	
RS	SHN	SHN	02/01/2000	12:00	00059804	120		MF	50		21		2.54			106.34	jl	26	24	106.34	jl		6.3			48	
FD	SHN	SHN	02/01/2000	12:00	00059809	140		MF																			
RS	KND	KND	02/01/2000	12:52	00059805	43		MF	27		15		1.93			260.85	jl	24	22	260.85	jl		6.5			45	
RS	PIE	PIE	02/01/2000	10:22	00059807	340		MF	10		16		0.97			4.04		30	26	4.04			6.5			39	
RS	BUR	BUR	02/01/2000	10:40	00059808	2800		MF	46		32		1.4	ju		3.42	jf	10	7	3.42	jf		6.7			54	
LS	QA	PIE	02/08/2000	13:51	00069800	54		MF	4		15																
FD	QA	PIE	02/08/2000	13:51	00069800	69		MF	4		15																
RS	MCL	MCL	02/08/2000	11:55	00069802	57		MF	6.0		4.6		1.6			91.14		22	19	91.14			7.6			48	
RS	PRY	PRY	02/08/2000	11:25	00069803	15		MF	1.0		2.1		2.4			38.77		26	24	38.77			7.6			53	
RS	SHN	SHN	02/08/2000	15:32	00069804	14		MF	5.0		4.6		1.9			31.35		22	20	31.35			7.8			59	
RS	KND	KND	02/08/2000	16:11	00069805	3		MF	3.0		2.1		1.0			116.53		22	21	116.53			7.7			54	
RS	PIE	PIE	02/08/2000	13:51	00069807	54		MF	4		15		1			0.71	jf	23	5	0.71	jf		8.4			48	
RS	BUR	BUR	02/08/2000	14:35	00069808	650		MF	13		16		1	w		0.59	jf	19	6	0.59	jf		8.0			75	
LS	QA	MCL	02/15/2000	10:00	00079800	20		MF	3.0		2.2																
FD	QA	MCL	02/15/2000	10:00	00079800	21		MF	3.0		2.0		1.2										5.9	jaq			52
RS	MCL	MCL	02/15/2000	10:00	00079802	28		MF	3.0		2.0		1.2		5.10	48.65		28	26	48.65			5.9	jaq		52	
RS	PRY	PRY	02/15/2000	11:30	00079803	15		MF	1	U	1.2		2.16			20.70		25	21	20.70			6.1			51	
RS	SHN	SHN	02/15/2000	11:55	00079804	10		MF	2		3.6		1.68			20.11		25	23	20.11			5.9			58	
RS	KND	KND	02/15/2000	13:17	00079805	1	U	MF	1		1.4		0.705			63.62		27	25	63.62			6.4			47	
RS	PIE	PIE	02/15/2000	9:05	00079807	17		MF	2		8.5	s	0.68			0.26	jf	23	18	0.26	jf		3.8			53	
RS	BUR	BUR	02/15/2000	8:22	00079808	54		MF	3	sc	7.2	s	0.72	w		0.17	jf	24	1	0.17	jf		4.5			123	
LS	QA	MCL	02/22/2000	11:10	00089800	16		MF	2		2.5																
FD	QA	MCL	02/22/2000	11:10	00089800	18		MF	2		2.5												7.4			56	
RS	MCL	MCL	02/22/2000	11:10	00089802	17		MF	2		2.7		1.035			36.85		21	19	36.85			7.4			56	
RS	PRY	PRY	02/22/2000	10:40	00089803	1		MF	2.0		2.0		2.1	m		18.93		24	20	18.93			7.3			47	
RS	SHN	SHN	02/22/2000	14:00	00089804	46		MF	4		5.4		1.66			20.20		21	18	20.20			7.5			67	

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	KND	KND	02/22/2000	15:12	00089805	3		MF	2		1.9		0.63			53.06		25	23	53.06			7.5		61	
RS	PIE	PIE	02/22/2000	12:55	00089807	81		MF	4	cs	17		0.71			0.392	jtf	29	9	0.392	jtf		9.2		54	s
RS	BUR	BUR	02/22/2000	13:30	00089808	110		MF	8		14		0.8	w		0.309	jf	26	4	0.309	jtf		8.2		153	
LS	QA	BUR	02/29/2000	9:15	00099800	220		MF	16		16															
FD	QA	BUR	02/29/2000	9:15	00099800	220		MF	21		17															59
RS	MCL	MCL	02/29/2000	7:15	00099802	210		MF	25		12		1.8		125.09			22	20	125.09			6.7		46	
RS	PRY	PRY	02/29/2000	13:30	00099803	10		MF	25		12		2.76				0	0	66.69	jrgx	0.947	6.95		49		
RS	SHN	SHN	02/29/2000	10:40	00099804	30		MF	20		15		2.28		64.38	jl	22	20	64.38	jl		6.8		52		
RS	KND	KND	02/29/2000	12:30	00099805	20		MF	18		12		1.39		172.92	jl	23	22	172.92	jl		6.8		46		
RS	PIE	PIE	02/29/2000	10:15	00099807	89		MF	15		23		0.86		1.832	ji	30	18	1.832	ji		7.0		37		
RS	BUR	BUR	02/29/2000	9:15	00099808	190		MF	15		17		1.1	w		1.301	jf	19	11	1.301	jf		6.7		68	
RS	BCUL	BCUL	02/29/2000	9:15	00099809	140																				
LS	QA	PIE	03/07/2000	13:10	00109800	4		MF	2																	
FD	QA	PIE	03/07/2000	13:10	00109800	11		MF	3		10												10.4		50	
RS	MCL	MCL	03/07/2000	9:25	00109802	6		MF	3.0		2.1		1.4			62.17		25	23	62.17			5.4		47	
RS	PRY	PRY	03/07/2000	11:50	00109803	3		MF	1.0		1.3		2.4			39.11		25	22	39.11			6.0		51	
RS	SHN	SHN	03/07/2000	14:30	00109804	3		MF	3.0		3.5		1.9			30.14		24	22	30.14			7.0		58	
RS	KND	KND	03/07/2000	15:50	00109805	1	U	MF	3.0		2.0		1.0			114.33		23	22	114.33			7.0		55	
RS	PIE	PIE	03/07/2000	13:00	00109807	11	s	MF	3	sc	10	s	1		0.146	j	23	15	0.146	j		10.3		43	s	
LS	PIE	PIE	03/07/2000	13:00	00109807						10															
RS	BUR	BUR	03/07/2000	13:58	00109808	20	s	MF	4.0	sc	7.1	s	0.8	w		0.192	j	28	0	0.192	j		8.4		99	s
LS	QA	PRY	03/14/2000	10:20	00119800	5	s	MF	2.0	sc	2.0	s														
FD	QA	PRY	03/14/2000	10:20	00119800	6	s	MF	1.0	sc	2.0	s											6.9		55	s
RS	MCL	MCL	03/14/2000	9:00	00119802	22		MF	4.0		3.5		1.3			64.76		20		64.76			7.2		51	
RS	PRY	PRY	03/14/2000	10:20	00119803	7		MF	1.0		2.2		2.3			33.17		20		33.17			6.9		54	
RS	SHN	SHN	03/14/2000	10:55	00119804	11		MF	4.0		5.9		1.8			27.47		24		27.47			7.8		62	
RS	KND	KND	03/14/2000	12:18	00119805	1		MF	4.0		3.3		0.9			99.49		26		99.49			7.4			
RS	PIE	PIE	03/14/2000	8:15	00119807	55		MF	4	sc	13	s	1		0.3614	jtf	27		0.3614	jtf		6.6		46	s	
RS	BUR	BUR	03/14/2000	7:25	00119808	76	s	MF	6	sc	10	s	0.84	w		0.3538	jtf	25		0.3538	jtf		6.7		95	s
LS	QA	SHN	03/21/2000	13:40	00129800	5		MF	4		4															
FD	QA	SHN	03/21/2000	13:40	00129800	1		MF	4		4.1															57
RS	MCL	MCL	03/21/2000	9:15	00129802	8		MF	4		2.3		1.44			78.60		24		78.60			7.5		51	
RS	PRY	PRY	03/21/2000	11:10	00129803	1		MF	2		1.5		2.4			42.60		27		42.60			7.5		45	
RS	SHN	SHN	03/21/2000	13:35	00129804	2		MF	3		3.5		1.88			31.45		25		31.45			8.7		58	
RS	KND	KND	03/21/2000	15:25	00129805	1		MF	3		2.2		1.16			139.40		27		139.40			8.4		50	
RS	PIE	PIE	03/21/2000	12:25	00129807	13	s	MF	6	s	14	s	0.69			0.16226		24		0.16226			11.3		53	s
RS	BUR	BUR	03/21/2000	12:45	00129808	21	s	MF	4	sc	8.4	s	0.76	w		0.20375		25		0.20375			10.2		91	s
LS	QA	BUR	03/28/2000	15:27	00139800	68		MF	5		9.7															
FD	QA	BUR	03/28/2000	15:27	00139800	52		MF	5		9.4															95
RS	MCL	MCL	03/28/2000	12:40	00139802	6		MF	4		2.6		1.01			37.42		25		37.42			8.2		53	
RS	PRY	PRY	03/28/2000	14:05	00139803	1		MF	1		1.2		2.04			16.34		25		16.34			8.0		47	
RS	SHN	SHN	03/28/2000	11:30	00139804	7		MF	2		3		1.55			15.21		23		15.21			8.4		68	
RS	KND	KND	03/28/2000	11:07	00139805	1	U	MF	2		2.1		0.715			68.17		20		68.17			7.8		57	
RS	PIE	PIE	03/28/2000	14:55	00139807	51	s	MF	5	sc	12	s	0.66			0.0698		21		0.0698			11.4		66	
RS	BUR	BUR	03/28/2000	15:27	00139808	71	s	MF	5	sc	10	s	0.64	w		0.1048		23		0.1048			10.2		95	
LS	QA	MCL	04/04/2000	9:00	00149800	51		MF	3.0		3.0															
FD	QA	MCL	04/04/2000	9:00	00149800	63		MF	3.0		3.0															55
RS	MCL	MCL	04/04/2000	9:00	00149802	51		MF	3		2.4		0.8			23.67		25		23.67			8.9		48	
RS	PRY	PRY	04/04/2000	10:30	00149803	5		MF	1	U	0.9		1.86			8.77	jl	26		8.77	jl		8.6		61	
RS	SHN	SHN	04/04/2000	13:25	00149804	13		MF	2		2.7		1.405			9.06		27		9.06			10.1		64	
RS	KND	KND	04/04/2000	14:15	00149805	1	U	MF	3		1.5		0.52			40.77		26		40.77			9.9		64	
RS	PIE	PIE	04/04/2000	11:54	00149807	200	s	MF	6	sc	10	sc	0.62			0.0101	jf	17		0.0101	jf		9.0		67	sc
RS	BUR	BUR	04/04/2000	12:27	00149808	440	s	MF	6.0	sc	9.0	sc	0.6	w		0.0453	jf	20		0.0453	jf		9.9		292	sc
LS	QA	MCL	04/11/2000	15:12	00159800	13		MF	1		1.8															
FD	QA	MCL	04/11/2000	15:12	00159800	8		MF	2		1.9															66
RS	MCL	MCL	04/11/2000	15:12	00159802	11		MF	1		1.6		0.7			19.08		27		19.08			11.9		56	
RS	PRY	PRY	04/11/2000	14:10	00159803	1		MF	1	U	0.8		1.79			6.14		31		6.14			10.9		65	
RS	SHN	SHN	04/11/2000	13:32	00159804	1		MF	2		2.1		1.345			6.15		26		6.15			11.6		80	
RS	KND	KND	04/11/2000	12:40	00159805	1	U	MF	1		0.8		0.45			30.25		32		30.25			10.0		68	
RS	PIE	PIE	04/11/2000	16:25	00159807	59	s	MF	7	sc	14	sc	0.59			0.0481	jf	0		0.0481	jf		13.2		87	sc
RS	BUR	BUR	04/11/2000	17:08	00159808	2400	Js	MF	8	sc	13	sc				0.0473	jfm	10		0.0473	jfm		16.4		77	sc

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
LS	QA	SHN	04/18/2000	13:05	00169800	3		MF	2		1.7															
FD	QA	SHN	04/18/2000	13:05	00169800	6		MF	2		1.6														81	
RS	MCL	MCL	04/18/2000	8:55	00169802	53		MF	3		2.2		0.68			16.021		25		16.02			11.0		81	
RS	PRY	PRY	04/18/2000	10:33	00169803	1		MF	1		0.6		1.78			6.118		29		6.12			8.5		67	
RS	SHN	SHN	04/18/2000	13:05	00169804	8		MF	1		1.8		1.31			5.836		25		5.84			11.1		82	
RS	KND	KND	04/18/2000	13:50	00169805	1		MF	2		1.1		0.45			29.522		24		29.52			10.75		68	
RS	PIE	PIE	04/18/2000	11:30	00169807	11	s	MF	8	sc	10	s	0.6			0.0238	jf	11		0.0279	jrm	0.857	9.2		96	s
RS	BUR	BUR	04/18/2000	12:05	00169808	370	s	MF	10	sc	14	sc	0.6	w		0.0287	jfm	12		0.0480	jMm	0.983	13.1		682	sc
FD	BUR	BUR	04/18/2000	12:05	00169809	490		MF	9		14															
LS	QA	SHN	04/25/2000	16:22	00179800	670	J	MF	2		2.1														80	
FD	QA	SHN	04/25/2000	16:22	00179800	660	J	MF	2		2.1		1.37										10.5		80	
RS	MCL	MCL	04/25/2000	12:45	00179802	120		MF	1		2.2		0.755			22.72		24		22.72			9.7		60	
RS	PRY	PRY	04/25/2000	13:40	00179803	33		MF	1	U	1		1.83			8.40	jl	24		8.40	jl		9.5		63	
RS	SHN	SHN	04/25/2000	16:22	00179804	670	J	MF	2		2		1.36					0		8.28	jr	0.946	10.4		77	
RS	KND	KND	04/25/2000	16:50	00179805	5		MF	2		1.3		0.48					0		34.07	jr	0.955	10.2		62	
RS	PIE	PIE	04/25/2000	15:20	00179807	350	Js	MF	7	sc	16	s	0.64			0.054	jf	20		0.054	jf		12.4		87	s
RS	BUR	BUR	04/25/2000	15:50	00179808	3000	s	MF	11	sc	17	sc	0.66	w		0.046	jf	16		0.046	jf		12.2		165	sc
FD	BURX	BURX	04/25/2000	15:55	00179809	2400		MF	9																	
LS	QA	MCL	05/02/2000	8:40	00189800	92		MF	2		2.8														60	
FD	QA	MCL	05/02/2000	8:40	00189800	120		MF	2		2.9												11.0		60	
RS	MCL	MCL	05/02/2000	8:40	00189802	96		MF	2		2.7		0.72			21.09		25		21.09			11.0		63	
RS	PRY	PRY	05/02/2000	9:40	00189803	38		MF	1	U	1.1		1.79			8.58		29		8.58			10.4		66	
RS	SHN	SHN	05/02/2000	12:25	00189804	9100	J=>	MF	1		2.2		1.335			6.82		26		6.82			11.8		77	
RS	KND	KND	05/02/2000	13:15	00189805	1		MF	1		1.2		0.465			34.41		24		34.41			11.5		57	
RS	PIE	PIE	05/02/2000	11:00	00189807	120	s	MF	7	sc	13	sc	0.615			0.033	jf	14		0.033	jf		12.3		96	sc
RS	BUR	BUR	05/02/2000	11:30	00189808	1800		MF	14		16		0.6	w		0.029	jf	18		0.029	jf		14.5		387	
RS	BCUL	BCUL	05/02/2000	11:30	00189808	2600		MF	14		16		0.6	w					0.0674	jM	0.983	14.5		387		
LS	QA	SHN	05/09/2000	14:46	00199800	120	J=>	MF	7.0		6.0															
FD	QA	SHN	05/09/2000	14:46	00199800	110	J=>	MF	6		6.1		1.43										9.8		81	
RS	MCL	MCL	05/09/2000	13:40	00199802	2800	J=>	MF	18				0.955					0		10.10	jr	0.988	9.8		62	
RS	PRY	PRY	05/09/2000	13:21	00199803	23		MF	2.0		2.4		1.8					0		9.79	jr	0.964	9.3		65	
RS	SHN	SHN	05/09/2000	14:46	00199804	140	J=>	MF	6		6		1.43					0		10.70	jr	0.946	9.9		80	
RS	KND	KND	05/09/2000	15:05	00199805	50		MF	4		2.6		0.54					0		40.25	jrx	0.962	9.8		64	
RS	PIE	PIE	05/09/2000	15:44	00199807	19000	J=>	MF	65		69		0.72					0		0.1363	jrx	0.996	13.1		65	
LS	BUR	BUR	05/09/2000	16:00	00199808				47	sc																
RS	BUR	BUR	05/09/2000	16:00	00199808	93000	Js=>	MF	43	sc	51	s	0.9	w		0.391	jf	10		0.4105	jM	0.983	12.6		127	s
LS	QA	MCL	05/16/2000	8:45	00209800	400		MF	2.0	p	2.0														65	
FD	QA	MCL	05/16/2000	8:45	00209800	380		MF	2	p	2.1												10.6		65	
OS	SCR	SCR	05/16/2000	9:50	00209801											4.11		16		4.11						
RS	MCL	MCL	05/16/2000	8:45	00209802	360		MF	2		2		0.635			15.66		26		15.66			10.6		62	
RS	PRY	PRY	05/16/2000	12:43	00209803	11		MF	1	U	0.7		1.72					0		6.08	jr	0.913	12.0		67	
RS	SHN	SHN	05/16/2000	11:55	00209804	60		MF	1		1.7		1.285			7.34		29		7.34			12.5		82	
RS	KND	KND	05/16/2000	12:15	00209805	1		MF	2		1.1		0.485					0		34.60	jr	0.955	12.4		68	
RS	PIE	PIE	05/16/2000	10:45	00209807	40	s	MF	9	sc	11	sc	0.61			0.034	jf	6		0.034			12.9		93	
RS	BUR	BUR	05/16/2000	11:25	00209808	550	s	MF	13	sc	14	sc				0.037	jf	7		0.037			15.9		851	
LS	QA	KND	05/23/2000	14:00	00219800	2		MF	1.0		0.8														69	
FD	QA	KND	05/23/2000	14:00	00219800	2		MF	1.0		0.8		0.4										13.2		69	
RS	MCL	MCL	05/23/2000	9:30	00219802	54		MF	2.0		2.2		0.6			12.68		28		12.68			10.9		70	
RS	PRY	PRY	05/23/2000	12:00	00219803	1	U	MF	1.0		0.6		1.7					0		3.4030	jr	0.964	11.3		70	
RS	SHN	SHN	05/23/2000	13:05	00219804	17		MF	1.0		1.3		1.2			4.05		18		4.05			12.7		88	
RS	KND	KND	05/23/2000	14:00	00219805	5		MF	1.0		1.0		0.4			26.04		23		26.04			13.2		71	
RS	PIE	PIE	05/23/2000	14:45	00219807	26		MF	9		15		1					0		0.0127	jr	0.996	12.5	j<	109	
RS	BCUL	BCUL	05/23/2000	15:05	00219809	550		MF	9		11		1	w					0.0302	jM	0.983	17.3		142		
LS	QA	KND	05/30/2000	13:13	00229800	12		MF	1	Up	0.8															
FD	QA	KND	05/30/2000	13:13	00229800	18		MF	1	Up	0.8															
RS	MCL	MCL	05/30/2000	11:28	00229802	120		MF	1		2		0.555							12.21	jr	0.988	10.6			
RS	PRY	PRY	05/30/2000	11:50	00229803	13		MF	1	U	0.5		1.5							0.98	jr	0.964	10.4			
RS	SHN	SHN	05/30/2000	12:50	00229804	91	J=>	MF	1	U	1.3		1.21							3.86	jr	0.946	11.2			
RS	KND	KND	05/30/2000	13:13	00229805	16		MF	1	U	0.7		0.375							23.07	jr	0.962	11.4			
RS	PIE	PIE	05/30/2000	12:31	00229807	62	s	MF	5		7.8		0.58							0.0167	jr	0.996	11.2			
RS	BCUL	BCUL	05/30/2000	12:15	00229809	8100	Js=>	MF	45	Jsc	54	Jsc	0.625	w						0.0807	jM	0.983	12.8			

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
LS	QA	SHN	06/06/2000	15:40	00239800	800JXS=>		MF	1	Up	1.8																
FD	QA	SHN	06/06/2000	15:40	00239800	800JXS=>		MF	1.0	p	1.8												12.7				
OS	SCR	SCR	06/06/2000	14:15	00239801	380		MF												3.61	jrg	0.950	12.8				
RS	MCL	MCL	06/06/2000	14:11	00239802	980		MF	2.0		2.8		0.6		4.50				13.22	jr	0.988	12.5					
RS	PRY	PRY	06/06/2000	14:35	00239803	130		MF	1.0		1.4		1.6						2.54	jr	0.964	12.5					
RS	SHN	SHN	06/06/2000	15:38	00239804	800JXS=>		MF	1.0		1.8		1.2						3.99	jr	0.946	12.7					
RS	KND	KND	06/06/2000	16:05	00239805	34		MF	1.0	U	0.7		0.4						20.47	jr	0.962	12.6					
RS	PIE	PIE	06/06/2000	15:00	00239807	1700		MF	23		23		1						0.0459	jr	0.996	14.7					
RS	BUR	BUR	06/06/2000	15:15	00239808	53000 JX=>		MF	64		44								0.0533	jrg	0.933	15.0					
RS	BCUL	BCUL	06/06/2000	15:17	00239809	180000 JX=>		MF											0.0533	jrg	0.933						
LS	QA	SHN	06/20/2000	14:20	00259800	57		MF	1		1.7														97		
FD	QA	SHN	06/20/2000	14:20	00259800	51		MF	2		1.9														57		
OS	SCR	SCR	06/20/2000	12:12	00259801	74		MF											4.80	jrg	0.950	13.1			97		
RS	MCL	MCL	06/20/2000	12:05	00259802	200		MF	2		1.8		0.645		4.57				16.48	jr	0.988	14.3			59		
RS	PRY	PRY	06/20/2000	12:33	00259803	12		MF	1	U	0.7		1.78						7.11	jr	0.964	12.6			67		
RS	SHN	SHN	06/20/2000	14:20	00259804	66		MF	2		1.7		1.23						4.39	jr	0.946	14.3			99		
RS	KND	KND	06/20/2000	14:50	00259805	8		MF	1		0.8		0.405						26.19	jr	0.962	14.6			72		
RS	PIE	PIE	06/20/2000	13:22	00259807	69 s		MF					0.6						0.0078	jr	0.996	12.7					
FD	BCUL	BCUL	06/20/2000	13:45	00259806	550 s		MF											0.0122	jM	0.983	16.2					
RS	BCUL	BCUL	06/20/2000	13:45	00259809	310 s		MF					0.41	w					0.0122	jM	0.983						
LS	QA	SHN	07/11/2000	12:18	00289800	41		MF	1.0	U	1.3														101		
FD	QA	SHN	07/11/2000	12:18	00289800	43		MF	1.0	U	1.3												13.95			65	
OS	SCR	SCR	07/11/2000	9:22	00289801	140		MF							0.67			11	0.67				12.9			80	
RS	MCL	MCL	07/11/2000	9:15	00289802	160 jI		MF	3.0	jI	3.8	jI	0.4		6.13			20	6.13				12.7		jI	77	
RS	PRY	PRY	07/11/2000	10:34	00289803	18		MF	1.0	U	0.6		1.6					0	1.55	jr	0.964	13.1			80		
RS	SHN	SHN	07/11/2000	12:18	00289804	10		MF	2.0		1.3		1.1					19	1.22				14.0			100	
RS	KND	KND	07/11/2000	13:15	00289805	40 JS=>		MF	1.0	U	0.5	U	0.2		8.90			25	8.90				14.7			84	
RS	PIE	PIE	07/11/2000	11:30	00289807	16 j		MF					0.52		0.00157			1	0.00				13.2				
RS	BUR	BUR	07/11/2000	11:30	00289808										0.0				0.0								
RS	BCUL	BCUL	07/11/2000	11:17	00289809	3 j		MF							0.0			1	0.0				15.9				
LS	QA	MCL	08/15/2000	9:53	00339800	170		MF	10.0		16.0															87	
FD	QA	MCL	08/15/2000	9:53	00339800	200		MF	10		16												11.7			90	
RS	MCL	MCL	08/15/2000	9:53	00339802	250		MF	10		16		0.215		3.20			23	3.20				11.7			90	
RS	PRY	PRY	08/15/2000	10:50	00339803	41 jI		MF	1	UjI	0.8	jI	1.465		0.959	jI		26	0.96				11.8		jI	95	
RS	SHN	SHN	08/15/2000	12:45	00339804	37		MF	1	U	1.2		1.08		0.90			27	0.90				13.6			108	
RS	KND	KND	08/15/2000	13:22	00339805	76		MF	1	U	0.6		0.19		5.19			25	5.19				14.3			96	
RS	PIE	PIE	08/15/2000	11:51	00339807										0.001	<		0									
RS	BUR	BUR	08/15/2000	12:00	00339808										0.001	<		0									
LS	QA	SHN	09/06/2000	10:20	00369800	170 J		MF			1												12.9				
FD	QA	SHN	09/06/2000	10:20	00369800	170 J		MF	1	U	0.9																
RS	MCL	MCL	09/06/2000	8:50	00369802	400		MF	5		7.1		0.21						3.28	jr	0.988	12.40					
LS	MCL	MCL	09/06/2000	8:50	00369802				5				0.21														
RS	PRY	PRY	09/06/2000	9:13	00369803	25		MF	1	U	0.5	U	1.465						0.75	jr	0.964	12.1					
RS	SHN	SHN	09/06/2000	10:20	00369804	220 J		MF	1	U	0.9		1.075						0.76	jr	0.946	12.9					
RS	KND	KND	09/06/2000	10:40	00369805	92		MF	1	U	0.5		0.19						3.81	jr	0.962	13.3					
RS	PIE	PIE	09/06/2000	10:00	00369807								0.5						0.0011	jr	0.996						
RS	BUR	BUR	09/06/2000	9:50	00369808														0.0089	jrg	0.848						
LS	QA	SHN	09/20/2000	13:45	00389800	28		MF					1.1														
FD	QA	SHN	09/20/2000	13:45	00389800	19		MF	1		2.5												13.4			116	
RS	MCL	MCL	09/20/2000	12:40	00389802	250		MF	3		5.8				2.58			17	2.58				13.0			97	
RS	PRY	PRY	09/20/2000	13:10	00389803	21 jI		MF	1	UjI	0.6	jI	1.48		0.79			18	0.79				12.3			jI	
RS	SHN	SHN	09/20/2000	13:45	00389804	37		MF	1		1.2		1.07		0.63			18	0.63				13.4			113	
RS	KND	KND	09/20/2000	14:15	00389805	41		MF	1	U	0.6		0.21		4.72			24	4.72				13.6			99	
LS	MCL	MCL	09/20/2000	12:40	00389805						5.7																
RS	PIE	PIE	09/20/2000	14:45	00389807																						
RS	BUR	BUR	09/20/2000	14:50	00389808																						
LS	QA	SHN	10/03/2000	9:10	00409800	43		MF	1.0	U																110	
FD	QA	SHN	10/03/2000	9:10	00409800	31		MF	1.0	U	1.0																
RS	MCL	MCL	10/03/2000	12:25	00409802	260		MF	3.0		3.7		0.2		3.15			29	3.15			10.6					
RS	PRY	PRY	10/03/2000	11:30	00409803	20		MF	1.0	U	0.5	U	1.5		0.65			26	0.65			9.95				90	
RS	SHN	SHN	10/03/2000	9:10	00409804	44		MF	1.0	U	1.0		1.1		0.76			20	0.76			10.1				117	

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	KND	KND	10/03/2000	10:37	00409805	32		MF	1.0	U	0.6		0.2			5.63		24		5.63			10.5		96		
LS	KND	KND	10/03/2000		00009805				1.0	U																	
RS	PIE	PIE	10/03/2000	8:37	00409807								1			0		0		0.0			8.8		177		
RS	BUR	BUR	10/03/2000	8:28	00409808								0	w		0		0		0.0							
LS	QA	MCL	10/10/2000	8:20	00419800	420		MF	3.0		4.2												10.8				
FD	QA	MCL	10/10/2000	8:20	00419800	410		MF	3.0		4.1																
RS	MCL	MCL	10/10/2000	8:20	00419802	610		MF	6.0		4.0		0.4			7.58		31		7.58			10.8		85		
RS	PRY	PRY	10/10/2000	9:25	00419803	110		MF	1.0	U	2.0		1.6			2.52		27		2.52			11.0		84		
RS	SHN	SHN	10/10/2000	10:50	00419804	180		MF	1.0	Us	1.1	s	1.1			1.46		30		1.46			11.00		107	s	
RS	KND	KND	10/10/2000	11:56	00419805	32		MF			0.7		0.3			7.76		26		7.76			11.3		95		
RS	PIE	PIE	10/10/2000	10:35	00419807								1			0		0		0.0							
RS	BUR	BUR	10/10/2000	10:29	00419808											0		0		0.0							
LS	QA	SHN	10/17/2000	10:15	00429800	60		MF																			
FD	QA	SHN	10/17/2000	10:15	00429800	120		MF	1	U	1												10.35		107		
RS	MCL	MCL	10/17/2000	12:48	00429802	320		MF	1	U	3		0						4.47	jr	0.988	10.5			84		
RS	PRY	PRY	10/17/2000	12:12	00429803	14		MF	1	U	1	U	2						2.40	jr	0.964	10.7			87		
RS	SHN	SHN	10/17/2000	10:15	00429804	88		MF	1	U	1		1						2.15	jr	0.946	10.35			109		
RS	KND	KND	10/17/2000	11:40	00429805	64		MF	5		3		0						13.18	jr	0.962	10.7			96		
LS	KND	KND	10/17/2000	11:40	00429805				4																		
RS	PIE	PIE	10/17/2000		00429807								1						0.0026	jrx	0.996						
RS	BCUL	BCUL	10/17/2000	13:35	00429809	2000	js	MF											0.0054	jr	0.933	13.4			989	>	
LS	QA	SHN	10/24/2000	11:25	00439800	66	J=>	MF	1	U	1																
FD	QA	SHN	10/24/2000	11:25	00439800	57	J=>	MF	8		1												8.0			115	
RS	MCL	MCL	10/24/2000	9:30	00439802	160		MF	1	U	6		0			5.22		26		5.22			7.4			82	
RS	PRY	PRY	10/24/2000	10:23	00439803	5		MF	1	U	1		2					0		1.67	jr	0.964	7.6			84	
RS	SHN	SHN	10/24/2000	11:25	00439804	49	J=>	MF	1	s	1	s	1					0		1.06	jrx	0.946	8.0			114	
RS	KND	KND	10/24/2000	12:52	00439805	15		MF	1	U	1		0			9.27		26		9.27			8.9				
RS	PIE	PIE	10/24/2000	11:06	00439807								1					0									
RS	BUR	BUR	10/24/2000	10:57	00439808								0	w				0									
LS	QA	MCL	10/31/2000	12:50	00449800	140		MF	17.0		8.2																
FD	QA	MCL	10/31/2000	12:50	00449800	160		MF	17.0		8.3															84	
RS	MCL	MCL	10/31/2000	12:50	00449802	150		MF	17.0		8.3		0.4			5.22		27		5.22			9.3			78	
RS	PRY	PRY	10/31/2000	12:35	00449803	22		MF	4.0		1.7		1.6			1.76		27		1.76			9.3			86	
RS	SHN	SHN	10/31/2000	10:38	00449804	64	JX	MF	2.0		1.5		1.1			1.38		24		1.38			9.0			107	
RS	KND	KND	10/31/2000	10:30	00449805	16		MF	8.0		5.6		0.2			9.31		23		9.31			9.5			95	
RS	PIE	PIE	10/31/2000	13:30	00449800								1			0		0									
RS	BUR	BUR	10/31/2000	14:05	00449800								0	w		0.0084		6		0.0084							
RS	BCUL	BCUL	10/31/2000	14:05	00449809	1800	s	MF					0	w					0.0091	jM	0.983	10.5			989	>	
LS	QA	MCL	11/07/2000	7:48	00459800	150	Jh	MF	27		16																
FD	QA	MCL	11/07/2000	7:48	00459800	120	Jh	MF	27		16																
RS	MCL	MCL	11/07/2000	7:48	00459802	120	Jh	MF	30		17		0			7.64		25		7.64			8.4			82	
RS	PRY	PRY	11/07/2000	8:47	00459803	27	Jh	MF	19.0		6.7		1.6					0					8.3			82	
RS	SHN	SHN	11/07/2000	10:20	00459804	56	Jh	MF	9.0		5.2		1.1			1.43		24		1.43			8.7			111	
RS	KND	KND	11/07/2000	11:02	00459805	30	Jh	MF	17.0		6.4		0.3			11.76		23		11.76			9.2			96	
RS	PIE	PIE	11/07/2000	9:45	00459807								1					0		0.0089	jf	0.808					
RS	BCUL	BCUL	11/07/2000	9:24	00459809	340	Jh	MF					1	w				0		0.0302	jM	0.983	9.4			327	
LS	QA	PRY	11/14/2000	12:15	00469800	24		MF	6		3																
FD	QA	PRY	11/14/2000	12:15	00469800	21		MF	6		3																
RS	MCL	MCL	11/14/2000	10:25	00469802	88	Jh	MF	43		20		0			5.11		28		5.11			5.5			85	
RS	PRY	PRY	11/14/2000	12:15	00469803	23		MF	6		3		2			1.74		29		1.74			5.7			86	
RS	SHN	SHN	11/14/2000	14:25	00469804	24		MF	4		3		1			1.09		24		1.09			5.8			109	
RS	KND	KND	11/14/2000	15:28	00469805	30		MF	7		4		0			12.74		26		12.74			6.4			90	
OS	SCR	SCR	11/14/2000	10:31	00469806	66	Jh											0									
RS	PIE	PIE	11/14/2000	13:17	00469807			MF					1					0		0.0089	jf	0.808					
RS	BUR	BUR	11/14/2000	13:30	00469808	120	s	MF					0	w				0		0.0114	jM	0.983	6.5				
LS	QA	SHN	11/20/2000	10:33	00479800	51		MF	2.0		1.6																
FD	QA	SHN	11/20/2000	10:33	00479800	69		MF	2.0		1.6																
RS	MCL	MCL	11/20/2000	11:58	00479802	110		MF	34		14		0			4.43		29		4.43			3.7			107	
RS	PRY	PRY	11/20/2000	13:05	00479803	19		MF	5.0		2.4		1.5			1.41		28		1.41			4.2			87	
RS	SHN	SHN	11/20/2000	10:33	00479804	40		MF	2.0	s	1.7		1.1			0.96		20		0.96			4.1			107	
RS	KND	KND	11/20/2000	11:20	00479805	8		MF	4.0		2.9		0.2			9.65		29		9.65			5.3			91	

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
OS	SCR	SCR	11/20/2000	12:00	00479806	63		MF															5.2		86	
RS	PIE	PIE	11/20/2000	9:55	00479807																					
RS	BUR	BUR	11/20/2000	9:45	00479808	77		MF					0	w				0		0.0064	jM	0.983	4.8		642	c
LS	QA	KND	11/28/2000	15:20	00489800	1		MF	5.0		3.1															
FD	QA	KND	11/28/2000	15:20	00489800	4		MF	5.0		3.1		0.5										6.7		72	
OS	SHNX	SHNX	11/28/2000	15:45	00489801	80		MF																		
RS	MCL	MCL	11/28/2000	10:27	00489802	160	Jh	MF	19		12		1			24.10		28	25	24.10			5.9		71	
RS	PRY	PRY	11/28/2000	12:00	00489803	16		MF	16.0		7.5		1.9			9.57		24	18	9.57			5.9		75	
RS	SHN	SHN	11/28/2000	14:30	00489804	120		MF	130		70		2			16.32		28	22	16.32			6.0		86	
RS	KND	KND	11/28/2000	15:20	00489805	4		MF	5.0		2.9		0.5			42.41		25	23	42.41			6.7		76	
OS	SCR	SCR	11/28/2000	10:30	00489806	96	Jh	MF								7.68		15	12	7.68						
RS	PIE	PIE	11/28/2000	13:00	00489807	180		MF	1	s	31		1			0.044		19	11	0.04			5.9		53	
RS	BUR	BUR	11/28/2000	13:22	00489808	500		MF	7	c	17	c	1	w		0.042		12	0	0.04					519	c
LS	QA	PRY	12/05/2000	13:40	00499800	120		MF	7																	
FD	QA	PRY	12/05/2000	13:40	00499800	130		MF	8		3														74	
OS	SCR	SCR	12/05/2000	12:05	00499801	260		MF								4.10		20	16	4.10			5.4			
RS	MCL	MCL	12/05/2000	12:00	00499802	240		MF	6.0		4.6					16.28		24	23	16.28			5.4		63	
RS	PRY	PRY	12/05/2000	13:40	00499803	49		MF	6.0		3.0		1.8			7.35		26	23	7.35			5.4		76	
RS	SHN	SHN	12/05/2000	10:12	00499804	8	JhX	MF	2.0		2.6		1.2			3.07		29	21	3.07			4.6		86	
RS	KND	KND	12/05/2000	11:05	00499805	4		MF	1.0		0.8		0.3			26.16		25	22	26.16			5.6		77	
RS	PIE	PIE	12/05/2000	9:15	00499807	50	Jhs	MF	1	sc	18	sc	1			0.0227		15	6	0.0227			4.4		56	sc
LS	PIE	PIE	12/05/2000	9:15	00499807						18	sc														
RS	BUR	BUR	12/05/2000	8:45	00499808	6200	Jh>=	MF	7		14		1	w		0.0165		11	0	0.0165			4.4		286	
LS	QA	MCL	12/12/2000	10:30	00509800	110		MF	6.0		3.4															
FD	QA	MCL	12/12/2000	10:30	00509800	130		MF	5.0		3.5														70	
OS	SCR	SCR	12/12/2000	10:35	00509801	120		MF																		
RS	MCL	MCL	12/12/2000	10:30	00509802	120		MF	8.0		3.4		0.7			9.49		29	26	9.49			3.5		70	
RS	PRY	PRY	12/12/2000	11:45	00509803	130		MF	6.0		3.2		1.7					0	0	5.68	jr	0.904	3.4		77	
RS	SHN	SHN	12/12/2000	13:38	00509804	3	U	MF	2.0		1.3		1.2			1.91		26	17	1.91			3.1		96	
RS	KND	KND	12/12/2000	15:00	00509805	11		MF	1.0	U	0.7		0.2			15.58		32	29	15.58			4.1		82	
RS	PIE	PIE	12/12/2000	12:48	00509807	23		MF					1					0	0	0.016	jr	0.808	3.8			
RS	BUR	BUR	12/12/2000	12:30	00509808	1000		MF										0	0	0.016	jr	0.972	3.4			
RS	BCUL	BCUL	12/12/2000	12:30	00509809	1100		MF																		
LS	QA	PRY	12/19/2000	13:37	00519800	84		MF	4.0		2.5															
FD	QA	PRY	12/19/2000	13:37	00519800	77		MF	4.0		2.5		2.1										5.8		58	
RS	MCL	MCL	12/19/2000	12:25	00519802	100		MF	4.0		2.9		1.1			36.97		26		36.97			5.7		62	
RS	PRY	PRY	12/19/2000	13:37	00519803	49		MF	4.0		2.2		2.1			17.45		25		17.45			5.9		63	
RS	SHN	SHN	12/19/2000	10:18	00519804	9	Jh	MF	1.0		3.5		1.4			9.25		31		9.25			4.5		80	
RS	KND	KND	12/19/2000	11:15	00519805	37		MF	2.0		1.1		0.5			50.98		25		50.98			5.7		68	
RS	PIE	PIE	12/19/2000	9:15	00519807	60	Jh	MF	2		15		1			0.098	jf	20		0.098	jf		4.2		50	
RS	BUR	BUR	12/19/2000	8:40	00519808	230	Jh	MF	3		11					0.051	jf	14		0.051	jf		4.5		207	
RS	BCUL	BCUL	12/19/2000	8:40	00519809	75	Jh	MF					1	w												
LS	QA	BUR	12/26/2000	12:36	00529800	130		MF	5		11															
FD	QA	BUR	12/26/2000	12:36	00529800	190		MF	6		11												7.2		374	
RS	MCL	MCL	12/26/2000	9:25	00529802	92		MF	3.0		2.1		1.1			39.45		27		39.45			7		62	
RS	PRY	PRY	12/26/2000	11:10	00529803	3	U	MF	1.0		1.5		2.2			26.33		27		26.33			7.3		60	
RS	SHN	SHN	12/26/2000	14:13	00529804	6		MF	2.0		3.5		1.5			14.81		26		14.81			6.9		72	
RS	KND	KND	12/26/2000	14:58	00529805	14		MF	3.0		1.5		0.8			86.57		21		86.57			7.3		63	
RS	PIE	PIE	12/26/2000	13:18	00529807	73	s	MF	2	sc	13	s	1			0.136	jf	20		0.136	jf		7.1		46	s
RS	BUR	BUR	12/26/2000	12:36	00529808	150		MF	5		12					0.069	jf	13		0.069	jf		7.2		380	
RS	BCUL	BCUL	12/26/2000	12:36	00529809	150		MF					1	w												
LS	QA	SHN	01/02/2001	9:07	01019800	8	Jh	MF	1.0	U	2.2															
FD	QA	SHN	01/02/2001	9:07	01019800	4	Jh	MF	1.0	U	2.6		1.4										5.9		76	
RS	MCL	MCL	01/02/2001	10:46	01019802	63		MF	1.0		1.6		1.0					0		30.59	jfr	0.932	6.4		66	
RS	PRY	PRY	01/02/2001	11:07	01019803	14		MF	2.0		1.6		2.0					0		15.20	jfr	0.904	6.4		65	
RS	SHN	SHN	01/02/2001	9:07	01019804	1	Jh	MF	1.0		2.6		1.4					0		9.33	jfr	0.993	5.9		74	
RS	KND	KND	01/02/2001	10:05	01019805	8		MF	2.0		1.1		0.6					0		61.49	jfr	0.969	6.5		64	
RS	PIE	PIE	01/02/2001	8:42	01019807	33	Jh	MF	1	U	11		1					0		0.086	jfr	0.808	5.6		54	
RS	BCUL	BCUL	01/02/2001	8:22	01019809	200	Jhs	MF	3	s	10	s						0		0.065	jrg	0.972	5.9		85	s
LS	QA	BUR	01/09/2001	12:10	01029800	140		MF	6		10															
FD	QA	BUR	01/09/2001	12:10	01029800	160		MF	5		10												5.4		316	

Appendix B.

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
OS	SCR	SCR	01/09/2001	9:08	01029801	140	Jh	MF								9.069	jf	14		9.069						
RS	MCL	MCL	01/09/2001	9:05	01029802	350	Jh	MF	2.0		1.8		1.0			32.33		29		32.33			5.8			63
RS	PRY	PRY	01/09/2001	11:22	01029803	64	J>	MF	2.0		1.5		2.2			17.78		28		17.78			6.1			62
RS	SHN	SHN	01/09/2001	13:36	01029804	1		MF	1.0	U	2.5		1.4			10.59		23		10.59			5.7			74
RS	KND	KND	01/09/2001	14:30	01029805	12		MF	2.0		1.1		0.7			69.58		28		69.58			6.25			62
RS	PIE	PIE	01/09/2001	12:48	01029807	36	s	MF	1.0	sc	9.3	sc	0.7			0.124	jf	20		0.124	jf		5.0			52
RS	BUR	BUR	01/09/2001	12:10	01029808	130	s	MF	5.0	sc	9.8	s	0.6	w		0.058	jf	0		0.058	jf		5.4			315
LS	QA	SHN	01/16/2001	13:38	01039800	4		MF	1.0	U	1.9															s
FD	QA	SHN	01/16/2001	13:38	01039800	5		MF	1.0	U	1.9		1.3										4.2			79
OS	MCLX	MCLX	01/16/2001	11:28	01039801	140		MF																		
RS	MCL	MCL	01/16/2001	11:25	01039802	160		MF	3.0		2.2		0.8			18.70		23		18.70			4.6			68
RS	PRY	PRY	01/16/2001	12:35	01039803	5		MF	1.0	U	0.6		1.8						10.10	jfr	0.904	4.5				64
RS	SHN	SHN	01/16/2001	13:38	01039804	9		MF	1.0	U	1.9		1.3		6.53		25		6.53			4.2				71
RS	KND	KND	01/16/2001	14:43	01039805	4		MF	1.0	U	0.7		0.5		39.61		27		39.61			5.2				67
RS	PIE	PIE	01/16/2001	15:20	01039807	36	s	MF	1.0	Us	7.8	s	0.6		0.067	jf	18		0.067	jf		4.1				54
RS	BUR	BUR	01/16/2001	15:58	01039808	190	s	MF	5.0	s	8.8	s			0.034	jf	14		0.034	jf		4.4				588
RS	BCUL	BCUL	01/16/2001	15:58	01039809	160	s	MF					1	w			0									s
LS	QA	MCL	01/23/2001	9:25	01049800	88	Jh	MF	2.0		1.8												4.9			61
FD	QA	MCL	01/23/2001	9:25	01049800	84	Jh	MF	2.0		1.7		1.0													
OS	SCR	SCR	01/23/2001	9:25	01049801	3	JUh	MF									14									
RS	MCL	MCL	01/23/2001	9:25	01049802	120	Jh	MF	2.0		1.7		1.0		12.80	jf	26		32.89			5.0				62
RS	PRY	PRY	01/23/2001	10:40	01049803	5	Jh	MF	2.0		1.5		2.2		25.50		22		25.50			5.3				62
RS	SHN	SHN	01/23/2001	13:31	01049804	3		MF	3.0		4.2		1.6		18.3739	jr			18.3739	jr	0.993	5.4				70
RS	KND	KND	01/23/2001	14:15	01049805	5		MF	2.0		1.4		0.6		59.74		24		59.74			5.7				65
OS	PRYX	PRYX	01/23/2001	11:12	01049806	10	Jh	MF					2.2		25.50		22		25.50							
RS	PIE	PIE	01/23/2001	13:04	01049807	35		MF	2.0		9.6		0.7		0.221	jf	20		0.221	jf		5.0				54
RS	BUR	BUR	01/23/2001	12:32	01049808	420		MF	3.0		8.7				0.117	jf	18		0.117	jf		4.9				286
RS	BCUL	BCUL	01/23/2001	12:32	01049809	200		MF					0.7	w			0		0.1098	jM	0.983					
LS	QA	KND	01/30/2001	11:35	01059800	26		MF	3.0		1.9												5.8			63
FD	QA	KND	01/30/2001	11:35	01059800	31		MF	3.0		1.8		0.6													
RS	MCL	MCL	01/30/2001	13:50	01059802	77		MF	14		13		1		47.35		25		47.35			5.6				62
RS	PRY	PRY	01/30/2001	13:30	01059803	74		MF	2.0		2.1		2.1		20.10		29		20.10			5.7				60
RS	SHN	SHN	01/30/2001	12:25	01059804	59		MF	3.0		4.3		1.5		14.92		28		14.92			5.5				65
RS	KND	KND	01/30/2001	11:35	01059805	24		MF	3.0		1.9		0.6		53.59		25		53.59			5.8				62
RS	PIE	PIE	01/30/2001	15:30	01059807	160		MF	42		45		1		0.574	jf	23		0.574	jf		6.2				49
RS	BUR	BUR	01/30/2001	16:01	01059808	630		MF	12		18				0.425	jf	23		0.425	jf		6.0				157
RS	BCUL	BCUL	01/30/2001	16:01	01059809	600		MF					0.9	w			0		0.3709	jM	0.983					73
LS	QA	PIE	02/06/2001	12:03	01069800	80		MF	2.0		8.6												5.9			52
FD	QA	PIE	02/06/2001	12:03	01069800	57		MF	2.0		8.6		0.7													
OS	SCR	SCR	02/06/2001	9:10	01069801	32	Jh	MF							16.58		17		16.58							
RS	MCL	MCL	02/06/2001	9:08	01069802	21	Jh	MF	4.0		2.7		1.2		49		26		49.48			5.8				60
RS	PRY	PRY	02/06/2001	10:28	01069803	3		MF	1.0		1.4		2.2		24.77	jfr			24.77	jfr	0.904	5.85				60
RS	SHN	SHN	02/06/2001	13:04	01069804	13		MF	4.0		3.9		1.7		23		28		22.77			5.9				65
RS	KND	KND	02/06/2001	13:58	01069805	5		MF	3.0		1.7		0.9		103		28		103.41			6.1				60
RS	PIE	PIE	02/06/2001	12:03	01069807	57		MF	2.0		8.7		0.7		0.265	jf	20		0.265	jf		5.8				49
RS	BUR	BUR	02/06/2001	11:27	01069808	31		MF	3.0		7.9		0.7	wjt	0.162	jf	21		0.162	jf		5.3				151
LS	QA	SHN	02/13/2001	10:50	01079800	3		MF	2.0		1.8												3.15			60
FD	QA	SHN	02/13/2001	10:50	01079800	7		MF	2.0		1.8		1.4													
RS	MCL	MCL	02/13/2001	13:38	01079802	5		MF	2.0		1.9		0.9		24.83		26		24.83			4.4				62
RS	PRY	PRY	02/13/2001	12:55	01079803	1		MF	1.0	U	0.7		1.9		13.95		31		13.95			4.05				62
RS	SHN	SHN	02/13/2001	10:50	01079804	12		MF	1.0		1.9		1.4		8.77		25		8.77			3.1				60
RS	KND	KND	02/13/2001	11:46	01079805	1		MF	2		1		1		48.88		25		48.88			4.0				64
RS	PIE	PIE	02/13/2001	14:57	01079807	47		MF	1.0		5.8		0.6		0.073	jf	19		0.073	jf		4.5				J
RS	BUR	BUR	02/13/2001	15:25	01079808	130		MF	3		7			t	0.051	jf	17		0.051	jf		5.0				
RS	BCUL	BCUL	02/13/2001	15:25	01079809	96		MF																		
LS	QA	MCL	02/20/2001	10:15	01089800	11	Jh	MF	2.0		1.9															
FD	QA	MCL	02/20/2001	10:15	01089800	12	Jh	MF	2.0		1.9		1.0										3.9			58
RS	MCL	MCL	02/20/2001	10:15	01089802	15	Jh	MF	2.0		1.8		1.0		35.45		0		35.45			3.9				56
RS	PRY	PRY	02/20/2001	11:25	01089803	8		MF	1.0	U	1.1		2.0		17.50	jfr	28		17.50	jfr	0.904	4.0				62
RS	SHN	SHN	02/20/2001	14:20	01089804	19		MF	2.0		3.9		1.6		57.18		27		57.18			4.5				70
RS	KND	KND	02/20/2001	15:17	01089805	1	U	MF	2.0		1.1		0.6		0.4		22		0.4			5.0				64

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	PIE	PIE	02/20/2001	13:12	01089807	45		MF	3		10		1			0.208	jf	21		0.208			6.5		49		
RS	BUR	BUR	02/20/2001	12:42	01089808	120		MF	23		20					0.208	jf	21		0.1795	jMm	0.983	4.7		127		
RS	BCUL	BCUL	02/20/2001	12:42	01089809	96		MF					1	w					0.1511	jM	0.983						
LS	QA	SHN	02/27/2001	13:35	01099800	6		MF	2.0		1.8												5.1		71		
FD	QA	SHN	02/27/2001	13:35	01099800	3		MF	2.0		1.8		1.4														
OS	SCR	SCR	02/27/2001	12:05	01099801	1	J	MF								8.02		16		8.02							
RS	MCL	MCL	02/27/2001	12:00	01099802	7		MF	1.0		1.7		0.8			23.08		34		23.08			4.3		62		
RS	PRY	PRY	02/27/2001	11:45	01099803	1	U	MF	1.0	U	0.8		1.9			14.03		28		14.03			4.25		64		
RS	SHN	SHN	02/27/2001	13:35	01099804	1		MF	1.0		1.8		1.4			10.35		26		10.35			5.1		73		
RS	KND	KND	02/27/2001	14:20	01099805	1	U	MF	1.0	U	1.3		0.5			42.8		32		42.8			5.2		67		
RS	PIE	PIE	02/27/2001	14:57	01099807	29	s	MF	1.0	s	6.2	s	0.6			0.070	jf	17		0.070	jf		6.6				
RS	BUR	BUR	02/27/2001	15:23	01099808	74	s	MF	4.0	s	7.3	s	0.6	w		0.053	jf	20		0.0681	jMm	0.983					
LS	QA	PRY	03/06/2001	9:20	01109800	4		MF	2.0		1.4																
FD	QA	PRY	03/06/2001	9:20	01109800	3		MF	2.0		1.4															65	
OS	SCR	SCR	03/06/2001	7:52	01109801	5		MF																			
RS	MCL	MCL	03/06/2001	7:47	01109802	13		MF	2		2		1			21.85		27		21.85			5.2		65		
RS	PRY	PRY	03/06/2001	9:20	01109803	4		MF	2.0		1.3		2.0			16.37		27		16.37			5.3		64		
RS	SHN	SHN	03/06/2001	11:55	01109804	3		MF	1.0		2.2		1.5			12.26		27		12.26			6.4		72		
RS	KND	KND	03/06/2001	12:45	01109805	1	U	MF	1.0		1.1		0.5			47.34		27		47.34			6.3		69		
RS	PIE	PIE	03/06/2001	11:00	01109807	27	s	MF	2.0	s	6.2	s	0.7			0.097	jf	20		0.097	jf		5.2		62		
RS	BUR	BUR	03/06/2001	10:25	01109808	84	s	MF	6.0	s	10.0	s				0.065	jf	14		0.0772	jMm	0.983	5.9		269		
RS	BCUL	BCUL	03/06/2001	10:26	01109809	84		MF					0.6	w					0.0896	jM	0.983						
LS	QA	SHN	03/12/2001	14:35	01119800	4		MF	1		2																
FD	QA	SHN	03/12/2001	14:35	01119800	2		MF	1		2		1										8.3		79		
OS	SCR	SCR	03/12/2001	9:45	01119801	6	J	MF										16		4.50							
RS	MCL	MCL	03/12/2001	9:42	01119802	7	J	MF	2		2		1			16.27		27		16.27			7.3		60		
RS	PRY	PRY	03/12/2001	11:59	01119803	7		MF	1	U	1		2			9.25		23		9.25			7.8		67		
RS	SHN	SHN	03/12/2001	14:35	01119804	4		MF	2		2		1			7.28		25		7.28			8.3		80		
RS	KND	KND	03/12/2001	15:35	01119805	1	U	MF	1	U	1		0	jt		31.85		30		31.85			8.3		60		
RS	PIE	PIE	03/12/2001	12:56	01119807	34		MF	1		6		1			0.056	jf	17		0.056	jf		8.3		69		
RS	BUR	BUR	03/12/2001	13:27	01119808	850		MF	6		11		1	w		0.037	jf	17		0.0475	jMm	0.983	9.2		692		
LS	QA	BUR	03/20/2001	11:22	01129800	120		MF	5		8																
FD	QA	BUR	03/20/2001	11:22	01129800	69		MF	5		8															160	
OS	SCR	SCR	03/20/2001	8:22	01129801	11	J	MF								14.79		16		14.79							
RS	MCL	MCL	03/20/2001	8:22	01129802	27	J	MF	4.0		2.9		1.1			40.29		29		40.29			5.7		59		
RS	PRY	PRY	03/20/2001	10:18	01129803	11		MF	1		1		2			18.38		23		18.38			6.0		62		
RS	SHN	SHN	03/20/2001	12:54	01129804	2		MF	2		3		1			12.70		26		12.70			8.0		78		
RS	KND	KND	03/20/2001	14:10	01129805	1	U	MF	3		2		1	jt		65.28		27		65.28			7.8		64		
RS	PIE	PIE	03/20/2001	12:00	01129807	25		MF	4		10		1			0.180	jf	21		0.180	jf		10.1		58		
RS	BUR	BUR	03/20/2001	11:22	01129808	100		MF	5		8					0.114	jf	23		0.1196	jMm	0.983	9.1		165		
RS	BCUL	BCUL	03/20/2001	11:22	01129809	85		MF					0.7	w					0.1251	jM	0.983						
LS	QA	PIE	03/27/2001	13:19	01139800	580		MF	56		50												7.6		58		
FD	QA	PIE	03/27/2001	13:19	01139800	470		MF	55		50		1														
OS	SCR	SCR	03/27/2001	10:10	01139801	10		MF								10.66		19		10.66							
RS	MCL	MCL	03/27/2001	10:04	01139802	22		MF	3		2		1			29.20		28		29.20			6.8		62		
RS	PRY	PRY	03/27/2001	12:09	01139803	7		MF	1		2		2			11.93		31		11.93			6.7		62		
RS	SHN	SHN	03/27/2001	14:55	01139804	270	J	MF	24		18		2	m		15.57		27		15.57			7.3		70		
RS	KND	KND	03/27/2001	15:42	01139805	14		MF	4		2		1			53.21		29		53.21			6.4		63		
RS	PIE	PIE	03/27/2001	13:19	01139807	380	s	MF	63	s	55	s				0.425	jf	23		0.425	jf		7.6		60		s
RS	BUR	BUR	03/27/2001	14:00	01139808	10000	Js	MF	255	s	150	s				1.015	jf	22		1.0149	jMm	0.983	7.4		108		s
RS	BCUL	BCUL	03/27/2001	14:02	01139809	11000	J	MF					1	w					0.8293	jM	0.983						
LS	QA	KND	04/03/2001	11:22	01149800	8	U	MF	2		2																
FD	QA	KND	04/03/2001	11:22	01149800	8	U	MF	2		2		1										6.1		62		
OS	SCR	SCR	04/03/2001	8:15	01149801	1	J	MF																			
RS	MCL	MCL	04/03/2001	8:13	01149802	9	J	MF	3		3		1						27.49	jr	0.932	5.7		59			
RS	PRY	PRY	04/03/2001	9:29	01149803	4		MF	1		1		2			16.43		31		16.43	jr	0.904	5.5		62		
RS	SHN	SHN	04/03/2001	11:00	01149804	8		MF	3		3		1			13.37		27		13.37	jr	0.993	6.4		72		
RS	KND	KND	04/03/2001	11:22	01149805	1	U	MF	2		2		1			51.78		29		51.78	jr	0.969	6.0		62		
RS	PIE	PIE	04/03/2001	10:33	01149807	8		MF	2		7		1			0.158	jr	23		0.158	jr	0.808	5.7		63		
RS	BUR	BUR	04/03/2001	10:10	01149808	250		MF	7		10					0.1251	jM	23		0.1251	jM	0.983	6.3		236		
RS	BCUL	BCUL	04/03/2001	10:12	01149809	750		MF					1	w					0.1251	jM	0.983						

Appendix B.

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
LS	QA	PIE	04/09/2001	12:28	01159800	14		MF			6															
FD	QA	PIE	04/09/2001	12:28	01159800	17		MF	13		6		1										7.4			72
OS	SCR	SCR	04/09/2001	10:10	01159801	2		MF								5.87		15		5.87						
RS	MCL	MCL	04/09/2001	10:07	01159802	8		MF	3		2		1			21.08		29		21.08			6.4			65
RS	PRY	PRY	04/09/2001	11:27	01159803	2		MF	12		1		2			10.26		24		10.26			6.4			67
RS	SHN	SHN	04/09/2001	13:43	01159804	6		MF	2		2		1			6.86		22		6.86			8.7			80
RS	KND	KND	04/09/2001	14:35	01159805	1		MF	3		2		0			40.09		28		40.09			8.4			67
RS	PIE	PIE	04/09/2001	12:28	01159807	17		MF	14		18		1			0.035	jf	19		0.035	jf		7.4			70
RS	BUR	BUR	04/09/2001	12:52	01159808	84		MF	7		7					0.033	jf	13		0.033	jf		11.1			568
RS	BCUL	BCUL	04/09/2001	12:53	01159809	38		MF																		
LS	QA	SHN	04/17/2001	14:17	01169800	110		MF	5		2.4															
FD	QA	SHN	04/17/2001	14:17	01169800	120		MF	5		2.4		1.315										10.5			84
OS	SCR	SCR	04/17/2001	9:45	01169801	6	Jh	MF								5.57		18		5.57						
RS	MCL	MCL	04/17/2001	9:43	01169802	27	Jh	MF	4		3		0.755			18.44		28		18.44			8.6			68
RS	PRY	PRY	04/17/2001	11:31	01169803	12		MF	1		1.1		1.75				0		10.55	jrg	0.787	8.8				69
RS	SHN	SHN	04/17/2001	14:17	01169804	130		MF	2		2.3		1.32			6.88		26		6.88	jf	0.762	10.6			84
RS	KND	KND	04/17/2001	15:33	01169805	3		MF	3		2		0.43			33.59		28		33.6			10.7			69
RS	PIE	PIE	04/17/2001	13:04	01169807	44		MF	8		11		0.65			0.022	jf	15		0.049	jrxm	0.808	10.7			78
RS	BUR	BUR	04/17/2001	12:32	01169808	660	JX	MF	11		9.7					0.035	jf	17		0.0654	jMm	0.983	12.0			239
RS	BCUL	BCUL	04/17/2001	12:34	01169809	590	JX	MF					1	w					0.0960	jM	0.983					
LS	QA	MCL	04/24/2001	10:35	01179800	27		MF	3.0		2.1															
FD	QA	MCL	04/24/2001	10:35	01179800	30		MF	3.0		2.0												9.95			70
OS	SCR	SCR	04/24/2001	10:38	01179801	15		MF																		
RS	MCL	MCL	04/24/2001	10:35	01179802	26		MF	3.0		2.1		0.7							19.41	jr	0.972	10.0			70
RS	PRY	PRY	04/24/2001	11:03	01179803	4		MF	1.0		1.0		1.7							8.65	jr	0.996	10.2			71
RS	SHN	SHN	04/24/2001	12:16	01179804	11		MF	1.0		2.0		1.3							5.37	jr	0.990	11.7			87
RS	KND	KND	04/24/2001	12:37	01179805	3		MF	2.0		1.9		0.4							32.77	jr	0.992	10.8			71
RS	PIE	PIE	04/24/2001	11:32	01179807	39	s	MF	6.0	sc	9.6	s	0.6							0.0137	jr	0.830	11.75			84
RS	BUR	BUR	04/24/2001	11:45	01179808	420	s	MF	11	sc	11	s								0.0807	jM	0.983	13.9			476
RS	BCUL	BCUL	04/24/2001	11:50	01179809	550		MF					1	w						0.0807	jM	0.983				
LS	QA	SHN	05/01/2001	11:18	01189800	600		MF	5		5.5															
FD	QA	SHN	05/01/2001	11:18	01189800	660	J	MF	5		5.4		1.53										9.8			
OS	SCR	SCR	05/01/2001	14:35	01189801	68		MF								11.43		19		11.43						
RS	MCL	MCL	05/01/2001	14:33	01189802	100		MF	4		3.3		0.97			40		26		40			9.4			62
RS	PRY	PRY	05/01/2001	14:12	01189803	28		MF	2		1.7		2			18		35		18			8.9			66
RS	SHN	SHN	05/01/2001	11:18	01189804	600	J	MF	5		5.6		1.53			16		28		16			9.7			
RS	KND	KND	05/01/2001	12:33	01189805	47		MF	6		3.1		0.6			64.8		28		64.8			9.0			63
RS	PIE	PIE	05/01/2001	10:12	01189807	600	J	MF	7		16		0.71			0.3434		23		0.3434			10.5			62
RS	BUR	BUR	05/01/2001	9:25	01189808	3200		MF	11		14							1		0.2038	jM	0.983	9.9			216
RS	BCUL	BCUL	05/01/2001	9:27	01189809	3200		MF					0.77	w						0.2038	jM	0.983				
LS	QA	MCL	05/08/2001	11:48	01199800	47		MF	2.0		2.1															
FD	QA	MCL	05/08/2001	11:48	01199800	52		MF	2.0		2.1															
OS	SCR	SCR	05/08/2001	11:50	01199801	32		MF																		68
RS	MCL	MCL	05/08/2001	11:48	01199802	52		MF	2.0		0.8		0.7							15.49	jr	0.972	10.4			69
RS	PRY	PRY	05/08/2001	12:10	01199803	4		MF	1.0		1.7		1.7							8.53	jr	0.996	10.7			69
RS	SHN	SHN	05/08/2001	13:15	01199804	8		MF	2.0		1.2		1.3							5.08	jr	0.990	12.0			86
RS	KND	KND	05/08/2001	13:45	01199805	2		MF	3.0		1.2		0.4							36.43	jr	0.992	11.8			70
RS	PIE	PIE	05/08/2001	12:40	01199807	1200		MF	16.0		1.1		0.6										11.7			87
RS	BCUL	BCUL	05/08/2001	12:55	01199809	150		MF	13		11												15.2			163
LS	QA	PRY	05/15/2001	10:33	01209800	67		MF	1.0	U	1.4															
FD	QA	PRY	05/15/2001	10:33	01209800	47		MF	1.0		1.5												9.9			59
OS	SCR	SCR	05/15/2001	9:08	01209801	45		MF								7.14		20	16	7.14						
RS	MCL	MCL	05/15/2001	9:05	01209802	330		MF	3.0		3.2		0.8			24.19		28	26	24.19			10.0			65
RS	PRY	PRY	05/15/2001	10:33	01209803	70		MF	1.0		1.4		1.8							10.60	jr	0.996	9.9			60
RS	SHN	SHN	05/15/2001	12:27	01209804	130		MF	2.0		2.3		1.2			5.42		25	22	5.42			11.0			92
RS	KND	KND	05/15/2001	12:45	01209805	50		MF	3.0		2.4		0.4			39.28		28	25	39.3			10.5			70
RS	PIE	PIE	05/15/2001	11:15	01209807	150	s	MF	10	s	15	s	1							0.0080	jr	0.830	11.5			99
RS	BCUL	BCUL	05/15/2001	11:30	01209809	3100	s	MF	10	s	12	s											13.5			126
LS	QA	KND	05/22/2001	14:06	01219800	6	P	MF	2.0		1.2															
FD	QA	KND	05/22/2001	14:06	01219800	3	P	MF	2.0		1.1												13.7			75
OS	SCR	SCR	05/22/2001	10:59	01219801	69		MF																		

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
RS	MCL	MCL	05/22/2001	10:56	01219802	40		MF	2.0		2.1		0.6			14.79		29	25	14.79			11.5		71	
RS	PRY	PRY	05/22/2001	11:50	01219803	7		MF	1.0	U	0.9		1.7										11.6		74	
RS	SHN	SHN	05/22/2001	13:17	01219804	29		MF	2.0		1.7		1.2										13.7			
RS	KND	KND	05/22/2001	14:06	01219805	3		MF	1.0		1.2		0.4		25.93		27	21	25.93				13.7		77	
RS	PIE	PIE	05/22/2001	12:52	01219807	25	U	MF					1										12.3			
RS	BCUL	BCUL	05/22/2001	12:40	01219809	200		MF	10		11												16.6			
LS	QA	MCL	05/29/2001	12:58	01229800	80		MF	2.0		2.1														74	
FD	QA	MCL	05/29/2001	12:58	01229800	72		MF	2.0		2.2															
OS	SCR	SCR	05/29/2001	13:00	01229801	27		MF																		
RS	MCL	MCL	05/29/2001	12:58	01229802	90		MF	2.0		2.1		0.6							8.95	jr	0.972	11.6		74	
RS	PRY	PRY	05/29/2001	13:30	01229803	59		MF	1.0		0.7		1.5							4.76	jr	0.996	11.5		74	
RS	SHN	SHN	05/29/2001	14:10	01229804	230		MF	1.0		1.4		1.1							2.28	jr	0.990	11.9		96	
RS	KND	KND	05/29/2001	14:32	01229805	10		MF	1.0		1.0		0.3							21.35	jr	0.992	12.8		76	
RS	PIE	PIE	05/29/2001	15:10	01229807	2300		MF					1							0.0004	jr	0.830	11.4			
RS	BUR	BUR	05/29/2001	15:25	01229808	280		MF												0.006	jrgx	0.881	13.7			
LS	QA	PRY	06/05/2001	11:05	01239800	50	JX	MF	1.0		0.8														75	
FD	QA	PRY	06/05/2001	11:05	01239800	50	JX	MF	1.0		0.8		1.5										10.85			
OS	SCR	SCR	06/05/2001	9:09	01239801	200	Jh	MF							1.64		21	8	1.64							
RS	MCL	MCL	06/05/2001	9:06	01239802	150	Jh	MF	2.0		2.7		0.5							9.12			10.6		75	
RS	PRY	PRY	06/05/2001	11:05	01239803	41		MF	1.0	U	0.6		1.5							4.07			10.8		75	
RS	SHN	SHN	06/05/2001	13:15	01239804	24		MF	1.0		1.4		1.1							2.02			11.3		99	
RS	KND	KND	06/05/2001	14:10	01239805	8		MF	1.0		0.7		0.3		15.23		22	18	15.23				11.85		80	
RS	PIE	PIE	06/05/2001	12:03	01239807	1400		MF					1							0.0010	jr	0.830	10.95			
RS	BCUL	BCUL	06/05/2001	12:15	01239809	1900		MF												0.0097	jrg	0.972	12.7			
LS	QA	KND	06/11/2001	12:28	01249800	170	JX	MF																		
FD	QA	KND	06/11/2001	12:28	01249800	180	JX	MF																		
OS	SCR	SCR	06/11/2001	11:04	01249801	410		MF																		
RS	MCL	MCL	06/11/2001	11:00	01249802	2000		MF					1							23.84	jr	0.972				
RS	PRY	PRY	06/11/2001	11:25	01249803	250		MF					2							9.67	jr	0.996				
RS	SHN	SHN	06/11/2001	12:15	01249804	1100	JX	MF					1							5.96	jr	0.990				
RS	KND	KND	06/11/2001	12:28	01249805	190	JX	MF					0							34.95	jr	0.992				
RS	PIE	PIE	06/11/2001	11:50	01249807	7300		MF					1							0.0164	jr	0.830				
RS	BUR	BUR	06/11/2001	11:59	01249808	33000		MF												0.048	jrgx	0.881				
RS	BCUL	BCUL	06/11/2001	12:00	01249809	40000		MF																		
LS	QA	MCL	06/19/2001	8:45	01259800	240	Jhs	MF	6.0	s	5.8	s														
FD	QA	MCL	06/19/2001	8:45	01259800	170	Jhs	MF	6.0	s	5.8	s	0.4										10.8		82	
OS	SCR	SCR	06/19/2001	8:48	01259801	380	Jhs	MF							0.54		31	6	0.54							
RS	MCL	MCL	06/19/2001	8:45	01259802	240	Jhs	MF	5.0	s	5.8	s	0.4		6.27		32	28	6.27				10.8		80	
RS	PRY	PRY	06/19/2001	10:52	01259803	68		MF	1.0	U	0.6		1.4		2.79		26	18	2.79				11.8		84	
RS	SHN	SHN	06/19/2001	13:05	01259804	120		MF	1.0	U	1.3		1.1		1.66		32	22	1.66				13.0		102	
RS	KND	KND	06/19/2001	13:50	01259805	7		MF	1.0	U	0.7		0.3		11.6		26	23	11.56				14.7		86	
RS	PIE	PIE	06/19/2001	11:32	01259806	46		MF					0.5							0						
RS	BCUL	BCUL	06/19/2001	11:45	01259809	100	s	MF					0	w						0.0076	jM	0.983				
LS	QA	MCL	07/17/2001	9:55	01299800	180	Jh	MF	4.0		5.8															
FD	QA	MCL	07/17/2001	9:55	01299800	220	Jh	MF	4.0		5.8												12.8		88	
RS	MCL	MCL	07/17/2001	9:55	01299802	200	Jh	MF	5.0		5.8		0.3							2.62	jr	0.972	12.9		89	
RS	PRY	PRY	07/17/2001	10:34	01299803	23	Jh	MF	1.0	U	0.5		1.3		1.27					1.27	jr	0.996	12.6		82	
RS	SHN	SHN	07/17/2001	11:51	01299804	210		MF	1.0	U	1.0		1.0		0.80					0.80	jr	0.990	13.3		104	
RS	KND	KND	07/17/2001	12:25	01299805	53		MF	1.0	U	0.7		0.2		12.34					12.34	jr	0.992	14.1			
RS	PIE	PIE	07/17/2001	11:17	01299807			MF					1		0.0002					0.0002	jr	0.830				
RS	BUR	BUR	07/17/2001	11:30	01299808			MF													jrgx	0.881				
LS	QA	KND	08/14/2001	13:10	01339800	27		MF	1.0	U	0.5	U											16.4		96	
FD	QA	KND	08/14/2001	13:10	01339800	37		MF	1.0	U	0.5	U														
OS	SCR	SCR	08/14/2001	9:03	01339801										0.0											
RS	MCL	MCL	08/14/2001	9:00	01339802	220	J	MF	6.0		7.4		0.3		1.40		29	21	1.40				15.3		90	
RS	PRY	PRY	08/14/2001	10:05	01339803	17	Js	MF	1.0	Us	0.5	s	1.3		0.48		22	14	0.48				13.4		92	
RS	SHN	SHN	08/14/2001	13:35	01339804	160		MF	1.0		1.2		1.0		0.22		24	7	0.22				16.0		109	
RS	KND	KND	08/14/2001	13:10	01339805	28		MF	1.0	U	0.6		0.2		4.13		31	21	4.13				16.35		95	
RS	PIE	PIE	08/14/2001	11:15	01339807								1		0.0					0						
RS	BUR	BUR	08/14/2001	11:05	01339808										0.0					0						
LS	QA	MCL	08/22/2001	10:30	01349800	3700	J	MF																		

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
FD	QA	MCL	08/22/2001	10:30	01349800	3200	J	MF																		
OS	SCR	SCR	08/22/2001	10:35	01349801	2300	J	MF																		
OS	MCL	MCL	08/22/2001	10:30	01349802	3800	J	MF					1							11.05	jr	0.972	14.0			
OS	PRY	PRY	08/22/2001	10:45	01349803	1800	J	MF					2							7.33	jr	0.996	14.4			
OS	SHN	SHN	08/22/2001	12:00	01349804	1200		MF					1							1.84	jr	0.990	13.95			
OS	KND	KND	08/22/2001	12:17	01349805	470		MF					0							11.48	jr	0.992	14.0			
OS	PIE	PIE	08/22/2001	11:25	01349807	9700		MF					1							0.0004	jm	0.830	13.9			
OS	BCUL	BCUL	08/22/2001	11:37	01349809	1600		MF					1	w						0.041	jm	0.983	16.1			
FD	BCUL	BCUL	08/22/2001	11:35	01349806	2300		MF																		
LS	QA	SHN	09/04/2001	14:48	01369800	75		MF	1.0		1.6															
FD	QA	SHN	09/04/2001	14:48	01369800	100		MF	1.0		1.6		1.0										14.3		109	
OS	SCR	SCR	09/04/2001	11:05	01369801												0.0									
RS	MCL	MCL	09/04/2001	11:00	01369802	260	s	MF	4.0	s	6.5	s	0.3			2.54		34	30				14.0		92	s
RS	PRY	PRY	09/04/2001	12:48	01369803	70	s	MF	1.0	Us	0.6	s	1.3			1.02		34	24				13.7		75	s
RS	SHN	SHN	09/04/2001	14:48	01369804	25		MF	5.0		12.0		1.0			0.45		25	10				14.3		110	
RS	KND	KND	09/04/2001	16:00	01369805	140		MF	1.0	U	0.6		0.2			5.28		24	19				14.8		96	
RS	PIE	PIE	09/04/2001	13:41	01369807								1			0.0										
RS	BUR	BUR	09/04/2001	13:49	01369808											0.0										
LS	QA	MCL	09/18/2001	8:55	01389800	130	J	MF	2.0		4.9															
FD	QA	MCL	09/18/2001	8:55	01389800	180	Js	MF	2.0	s	4.8	s	0.3													
RS	MCL	MCL	09/18/2001	8:55	01389802	210	J	MF	3		60	q	0			1.57		41	33				12.65		92	s
RS	PRY	PRY	09/18/2001	10:45	01389803	18	s	MF	1.0	Us	0.6	s	1.3			0.83		36	24				12.2		92	s
RS	SHN	SHN	09/18/2001	12:25	01389804	210		MF	3.0		1.4		1.0			0.56		33	20				13.2		109	s
RS	KND	KND	09/18/2001	13:15	01389805	290		MF	1.0	U	0.5		0.2			5.00		32	26				13.8		99	s
RS	PIE	PIE	09/18/2001	11:22	01389807								1													
RS	BUR	BUR	09/18/2001	11:40	01389808																					
LS	QA	SHN	10/02/2001	12:37	01409800	120		MF	1	U	95	q														
FD	QA	SHN	10/02/2001	12:37	01409800	200		MF	1	U	90	q	1													
RS	MCL	MCL	10/02/2001	9:16	01409802	74	Js	MF	6	s	7	s	0			2.23		37	33	2.23			10.3		90	s
RS	PRY	PRY	10/02/2001	11:11	01409803	22	s	MF	1	Us	1	Us	1			0.87		25	18	0.87			9.8		93	s
RS	SHN	SHN	10/02/2001	12:37	01409804	180	s	MF	1	Us	40	Usq	1			0.37		20	9	0.37			10.8		115	s
RS	KND	KND	10/02/2001	13:48	01409805	46		MF	1	U	1	U	0			4.36		29	25	4.36			11.75		100	
RS	PIE	PIE	10/02/2001	11:45	01409807								1			0		0	0	0.0004	jr	0.830				
RS	BUR	BUR	10/02/2001	11:51	01409808											0		0	0	0						
LS	QA	KND	10/16/2001	9:45	01429800	25	J	MF	4.0		1.7															
FD	QA	KND	10/16/2001	9:45	01429800	37	J	MF	3.0		1.7		0.2													
RS	MCL	MCL	10/16/2001	8:17	01429802	110	J	MF	3		2	Jr	0										10.5		100	
RS	PRY	PRY	10/16/2001	8:40	01429803	46	J	MF	1.0	U	0.5	U	1.4										9.8		90	
RS	SHN	SHN	10/16/2001	9:10	01429804	140	J	MF	1.0	U	1.1		1.0										9.4		94	
RS	KND	KND	10/16/2001	9:45	01429805	32	J	MF	3.0		1.8		0.1										10.5		117	
RS	PIE	PIE	10/16/2001	10:35	01429807								1							0.0004	jr	0.830	10.5		99	
RS	BUR	BUR	10/16/2001	10:45	01429808																					
LS	QA	BUR	10/23/2001	8:33	01439800	11000	J	MF			28															
FD	QA	BUR	10/23/2001	8:33	01439800	13000	J	MF			28															
OS	SCR	SCR	10/23/2001	12:51	01439801	63		MF								3.53		19		3.53						
RS	MCL	MCL	10/23/2001	12:48	01439802	760		MF	3.0		4.1		0.7			16.20		30	30	16.20			9.4		78	
RS	PRY	PRY	10/23/2001	12:25	01439803	250		MF	1.0		1.4		1.9			4.19		30	30	4.19			9.25		86	
RS	SHN	SHN	10/23/2001	10:13	01439804	560	J	MF	5.0		4.5		1.2			3.27		33	33	3.27			9.3		107	
RS	KND	KND	10/23/2001	11:05	01439805	80		MF	12.0		6.4		0.4			25.45		27	27	25.45			9.6		90	
FD	KND	KND	10/23/2001	11:05	01439805						6.5															
RS	PIE	PIE	10/23/2001	8:56	01439806	7000	J	MF					1			0.0		0		0.0164	jr	0.830				
FD	PIE2	PIE2	10/23/2001	8:56	01439807	9300	J	MF																		
LS	BUR	BUR	10/23/2001	8:33	01439808				18																	
RS	BUR	BUR	10/23/2001	8:33	01439808	11000	J	MF	17		28		1	w						0.1812	jm	0.983	9.7		499	
LS	QA	PRY	10/30/2001	11:07	01449800	26		MF	1.0		1.1															
FD	QA	PRY	10/30/2001	11:07	01449800	37		MF	1.0		1.0															
OS	SCR	SCR	10/30/2001	10:14	01449801	76	J	MF								2.01		22	19	2.01						
RS	MCL	MCL	10/30/2001	8:55	01449802	350	J	MF	6.0		3.7		0.6			10.41		38	36	10.41			8.3		79	
RS	PRY	PRY	10/30/2001	11:04	01449803	120		MF	1.0		1.0		1.9	m		3.84		30	27	3.84			8.25		85	
RS	SHN	SHN	10/30/2001	13:28	01449804	92		MF	10.0		3.8		1.1			2.09		30	23	2.09			8.5		110	
RS	KND	KND	10/30/2001	14:35	01449805	28		MF	12.0		6.2		0.3			23.95		27	22	23.95			9.0		88	

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	PIE	PIE	10/30/2001	12:05	01449806	850	s	MF	6	s	15	s	1			0.0				0.0329	jr	0.830	9.0		80	s	
FD	PIE2	PIE2	10/30/2001	12:05	01449807	920	s	MF		s		s														s	
RS	BUR	BUR	10/30/2001	12:25	01449808	2100	s	MF	11	s	21	s	1	w						0.0960	jM	0.983	9.3		248	s	
OS	BUR2	BUR2	10/30/2001	12:25	01449809	1100	s	MF		s		s														s	
LS	QA	PRY	11/06/2001	10:48	01459800	18		MF	3.0		2.0												7.2		84		
FD	QA	PRY	11/06/2001	10:48	01459800	17		MF	3.0		2.0																
OS	SCR	SCR	11/06/2001	11:18	01459801	51		MF	17.0		8.3																
RS	MCL	MCL	11/06/2001	11:12	01459802	530		MF	4.0		1.9		0.6		12.21		27	26	12.21			7.5			79		
RS	PRY	PRY	11/06/2001	10:48	01459803	20		MF	7.0		5.2		1.8		3.99		27	22	3.99			7.2			85		
RS	SHN	SHN	11/06/2001	14:08	01459804	80		MF	18.0		8.6		1.1		1.75		28	26	1.75			8			115		
RS	KND	KND	11/06/2001	13:08	01459805	23		MF					1		22.52		31	29	22.52			8.2			94		
RS	PIE	PIE	11/06/2001	14:32	01459807	62	s	MF					1						0.0249	jr	0.895						
RS	BCUL	BCUL	11/06/2001	14:44	01459809	310		MF					1	w					0.0302	jM	0.983						
FD	BCUL	BCUL	11/06/2001	14:44	01459806	230		MF																			
LS	QA	KND	11/13/2001	13:00	01469800	25		MF	22.0		7.7												9.25		92		
FD	QA	KND	11/13/2001	13:00	01469800	20		MF	22.0		7.6																
OS	SCR	SCR	11/13/2001	8:20	01469801	76	J	MF									19	17	2.13								
RS	MCL	MCL	11/13/2001	8:13	01469802	580	J	MF	36		15		1		10.93		29	27	10.93			8.75			85		
RS	PRY	PRY	11/13/2001	10:02	01469803	100	J	MF	18.0		8.5		1.8		3.65		25	18	3.65			9.0			82		
RS	SHN	SHN	11/13/2001	11:50	01469804	180		MF	13		11		1		2.00		26	20	2.00			8.8			112		
RS	KND	KND	11/13/2001	13:00	01469805	33		MF	16.0		7.7		0.5		21.31		27	22	21.31			9.2			93		
RS	PIE	PIE	11/13/2001	10:57	01469807	380	Js	MF					1		0.0035		18	0	0.0035								
RS	BCUL	BCUL	11/13/2001	10:43	01469809	1300	J	MF	14		16		1	w					0.0302	jM	0.983	9.5			137		
LS	QA	MCL	11/19/2001	11:45	01479800	400		MF	30		15												8.8		62		
FD	QA	MCL	11/19/2001	11:45	01479800	380		MF	30		15																
OS	SCR	SCR	11/19/2001	11:53	01479801	49		MF	30		10								23.89	jr	0.994						
RS	MCL	MCL	11/19/2001	11:45	01479802	530		MF	30		14		2		76.25				76.25	jr	0.956	8.8			63		
RS	PRY	PRY	11/19/2001	12:13	01479803	660	J	MF	18.0		8.4		2.3		12.41				12.41	jr	0.895	9.0			66		
RS	SHN	SHN	11/19/2001	13:17	01479804	100		MF	21		14		2		19.59				19.59	jr	0.737	8.4			73		
RS	KND	KND	11/19/2001	13:35	01479805	65		MF	19.0		8.5		1.4		158.43				158.43	jr	0.934	9.4			66		
RS	PIE	PIE	11/19/2001	12:41	01479807	520	s	MF	5	s	20	s	1		0.3608				0.3608	jr	0.895	8.4			46		
RS	BCUL	BCUL	11/19/2001	12:52	01479809	5100	s	MF					1	w	0.5246				0.5246	jM	0.983	8.9			90		
OS	BURX	BURX	11/19/2001	12:52	01479806	6900	Js	MF																			
LS	QA	PRY	11/27/2001	9:09	01489800	29	J	MF	13.0		5.7																
FD	QA	PRY	11/27/2001	9:09	01489800	43	J	MF	13.0		5.7																
OS	SCR	SCR	11/27/2001	7:43	01489801	27	J	MF	13.0		5.5						16.41	26	25	16.41						70	
RS	MCL	MCL	11/27/2001	7:38	01489802	250	J	MF	11.0		6.1		1.4		53.57		26	24	53.57			7.3			62		
RS	PRY	PRY	11/27/2001	9:09	01489803	37	J	MF	12.0		5.2		2.2		28.23		26	24	28.23			7.35			70		
RS	SHN	SHN	11/27/2001	12:54	01489804	20		MF	6.0		5.0		1.7		18.37		27	25	18.37			6.8			72		
RS	KND	KND	11/27/2001	13:52	01489805	33		MF	6.0		3.0		1.1		113.45		32	28	113.45			8.0			68		
RS	PIE	PIE	11/27/2001	11:19	01489807	54	Js	MF	1.0	s	7.9	s	0.7		0.1068		22	14	0.1068			5.9			60	s	
RS	BUR	BUR	11/27/2001	10:42	01489808	57	Js	MF	5.0	s	8.3	s	0.7	w	0.1504		15	7	0.1504			6.6			180	s	
RS	BCUL	BCUL	11/27/2001	10:45	01489809	50	J	MF					1	w					0.161	jM	0.983						
LS	QA	KND	12/04/2001	16:18	01499800	14		MF	14.0		7.7																
FD	QA	KND	12/04/2001	16:18	01499800	12		MF	14.0		7.7		2.2										7.4			56	
OS	SCR	SCR	12/04/2001	12:08	01499801	8		MF									49.37	18	17	49.37							
RS	MCL	MCL	12/04/2001	12:00	01499802	3		MF	13.0		7.0		2.4		148.45		26	20	148.45			7.0			53		
RS	PRY	PRY	12/04/2001	14:21	01499803	55	J	MF	14.0		7.0								66.25	jrg	0.947	7.3			56		
RS	SHN	SHN	12/04/2001	15:56	01499804	19		MF	17		10		2		36.98				36.98	jr	0.737	6.2			55		
RS	KND	KND	12/04/2001	16:18	01499805	12		MF	16.0		7.8		2.2		385.05				385.05	jr	0.934	7.4			57		
RS	PIE	PIE	12/04/2001	15:32	01499807	59		MF	2.0	s	8.9	s	0.8		0.6313		27	19	0.6313			6.3			49		
RS	BUR	BUR	12/04/2001	14:45	01499808	82		MF	4.0	s	6.3		1.1	w			0	0	0.866	jM	0.983	6.8			90		
LS	QA	PRY	12/11/2001	15:48	01509800	1900	J	MF	13.0		7.1																
FD	QA	PRY	12/11/2001	15:48	01509800	2100	J	MF	13.0		7.2																
OS	SCR	SCR	12/11/2001	13:20	01509801	140		MF																			
RS	MCL	MCL	12/11/2001	13:16	01509802	270	J	MF	26		12		2		124.63		28	26	124.63			6.7			55		
RS	PRY	PRY	12/11/2001	15:48	01509803	1800	J	MF	14.0		7.1		3.0		48.31		29	26	48.31			6.8			60		
RS	SHN	SHN	12/11/2001	11:14	01509804	47		MF	9.0		7.2		2.0		25.32		33	32	25.32			6			65		
RS	KND	KND	12/11/2001	12:33	01509805	89	J	MF	5.0		2.8		1.2		132.73		33	26	132.73			6.9			62		
RS	PIE	PIE	12/11/2001	9:59	01509807	220	Js	MF	5	s	12	s	1		0.2067		31	13	0.207			4.45			55	s	
RS	BUR	BUR	12/11/2001	9:09	01509808	350	J	MF	15	s	13		1	w	0.6008		26	17	0.601			6			141		

Appendix B.

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code
LS	QA	KND	12/18/2001	9:30	01519800	19	J	MF	34		18															
FD	QA	KND	12/18/2001	9:30	01519800	33	J	MF	33		18												7.1		52	
OS	SCR	SCR	12/18/2001	15:00	01519801	28		MF										0	0							
RS	MCL	MCL	12/18/2001	14:55	01519802	49		MF	32		15		3					0	0	236.89	jr	0.956	7.25		43	
RS	PRY	PRY	12/18/2001	11:00	01519803	34		MF	25		11		3			150.99		34	33	150.99			7.25		49	
RS	SHN	SHN	12/18/2001	10:10	01519804	31		MF	30		18		3	jt				0	0	163.30	jrj	0.869	6.6		50	
RS	KND	KND	12/18/2001	9:30	01519805	20	J	MF	34		19		3					0	0	707.51	jr	0.934	7.2		54	
RS	PIE	PIE	12/18/2001	13:35	01519807	88		MF	4		13		1		1.9586			30	20	1.9586			6.25		41	
RS	BUR	BUR	12/18/2001	14:10	01519808	420		MF	5.0		9.2		1.3	w	1.8551			23	21	1.8551			6.7		66	
RS	BCUL	BCUL	12/18/2001	14:15	01519809	320		MF					1	w						2.2657	jM	0.983				
LS	QA	MCL	12/26/2001	13:26	01529800	80		MF	4.0		2.1															
FD	QA	MCL	12/26/2001	13:26	01529800	80		MF	4.0		2.0												4.5		59	
OS	SCR	SCR	12/26/2001	13:37	01529801	200		MF							12.87			31	28	12.87						
OS	SCR2	SCR2	12/26/2001	15:12	01529806	340		MF																		
RS	MCL	MCL	12/26/2001	13:26	01529802	85		MF	4.0		2.2		1.2		42.37			32	26	42.37			4.6		58	
RS	PRY	PRY	12/26/2001	15:45	01529803	260		MF	3.0		1.9		2.6		17.59			27	24	17.59			4.8		62	
RS	SHN	SHN	12/26/2001	11:49	01529804	7		MF	2.0		2.3		1.8	jt	19.36			53	45	19.36			3.6		68	
RS	KND	KND	12/26/2001	12:55	01529805	16		MF	5.0		2.6		1.1		94.13			30	23	94.13			5.0		62	
RS	PIE	PIE	12/26/2001	9:50	01529807	16		MF	1.0	sU	5.5		0.7		0.0836			24	12	0.0836			1.6		58	
RS	BUR	BUR	12/26/2001	9:11	01529808	29	J	MF	2.0	s	5.7		0.8	w				0	0	0.1812	jM	0.983	2.8	j	126	j
OS	SCR	SCR	01/02/2002	13:35	02019801	66		MF						10.3				0	0							
RS	MCL	MCL	01/02/2002	12:28	02019802	35	I	MF	3.0	I	1.9	I	1.2		40.58			31	25	40.58			7.3		63	I
FD	MCL	MCL	01/02/2002	12:28	02019802			MF			1.9															
RS	PRY	PRY	01/02/2002	13:52	02019803	34		MF	3.0		2.0		2.6					0	0	24.00	jr	0.895	7.6		63	
RS	SHN	SHN	01/02/2002	15:43	02019804	30		MF	3.0		4.0		1.9	jt	45.49			0	0	45.49	jrj	0.869	7.5		67	
RS	KND	KND	01/02/2002	15:17	02019805	7		MF	3.0		2.4		1.0		85.32			33	27	85.32			7.4		63	
FD	PIE	PIE	01/02/2002	16:20	02019807				2.0																	
RS	PIE	PIE	01/02/2002	16:20	02019807	60		MF	2	s	11	s	1	m				0	0	0.3608	jr	0.810	7.7		51	
RS	BUR	BUR	01/02/2002	16:40	02019808	64		MF										0	0	0.5399	jrj	0.985	7.7		69	
LS	QA	MCL	01/08/2002	11:46	02029800	17		MF	42		20															
FD	QA	MCL	01/08/2002	11:46	02029800	9		MF	42		20															
RS	MCL	MCL	01/08/2002	11:46	02029802	11	b	MF	42	b	21	b	3	jr	7.290			0	0	309.10	jrj	0.932	8.8	b	40	b
RS	PRY	PRY	01/08/2002	13:23	02029803	28		MF	28		12		3	j	204.75			25	23	204.75			8.8		50	
RS	SHN	SHN	01/08/2002	10:15	02029804	37	b	MF	58	b	28	b	4	jt				0	0	193.90	jrjg	0.936	8.9	b	47	b
RS	KND	KND	01/08/2002	10:51	02029805	9		MF	43		24		3	j				0	0	881.54	jrj	0.934	8.5		48	
RS	PIE	PIE	01/08/2002	9:32	02029807	33	J	MF	4	s	10	s	1		1.6107			19	14	1.61			8.8		46	s
RS	BUR	BUR	01/08/2002	8:25	02029808	84	J	MF	6		8		1	w				0	0	1.3996	jM	0.983	8.7		63	
LS	QA	MCL	01/15/2002	10:17	02039800	96	J	MF	4.0		2.4															
FD	QA	MCL	01/15/2002	10:17	02039800	120	J	MF	4.0		2.4												5.5		53	
OS	SCR	SCR	01/15/2002	10:24	02039801	100	J	MF										0	0							
RS	MCL	MCL	01/15/2002	10:17	02039802	97	J	MF	4.0		2.4		1.3		55.92			30	29	55.9217			5.5		53	
RS	PRY	PRY	01/15/2002	12:19	02039803	20		MF	2.0		1.2		2.6		26.51			31	29	26.5080			6.0		59	
RS	SHN	SHN	01/15/2002	15:40	02039804	68	b	MF	3.0	b	3.3	b	1.7	jt	26.52			47	42	26.52			5.6	b	66	b
RS	KND	KND	01/15/2002	16:32	02039805	10		MF	4.0		2.4		1.0		123.20			29	26	#####			6.2		60	
RS	PIE	PIE	01/15/2002	13:19	02039807	14	s	MF	3.0	s	7.1	s	0.7		0.1440			17	13	0.1440			4.8		54	s
RS	BUR	BUR	01/15/2002	13:53	02039808	44	s	MF	3.0	s	6.7	s	0.8	w	0.2370			26	6	0.2370			5.5		162	s
LS	QA	PIE	01/22/2002	16:36	02049800	21		MF	2		10															
FD	QA	PIE	01/22/2002	16:36	02049800	21		MF	2		10		1												53	
OS	SCR	SCR	01/22/2002	11:00	02049801	22		MF							19.66			25	24	19.66						
RS	MCL	MCL	01/22/2002	10:55	02049802	53		MF	3.0		1.9		1.3		59.92			30	27	59.92			5.4		48	
RS	PRY	PRY	01/22/2002	13:20	02049803	2		MF	1.0	U	1.1		2.6		28.10			32	31	28.10			5.7		60	
RS	SHN	SHN	01/22/2002	14:51	02049804	27		MF	2.0		3.4		1.5	jt	23.99			41	36	23.99			5.3		68	
RS	KND	KND	01/22/2002	15:42	02049805	4		MF	3.0		1.9		1.0		118.66			20	18	118.66			5.7		49	
RS	PIE	PIE	01/22/2002	16:36	02049807	35	s	MF	2	s	10	s	1		0.3667			26	18	0.3667			4.8		54	s
RS	BUR	BUR	01/22/2002	17:15	02049808	61	s	MF	4.0	s	8.0	s			0.2901			17	5	0.2901			4.9		90	s
LS	QA	PRY	01/29/2002	14:08	02059800	6		MF	1.0		1.5															
FD	QA	PRY	01/29/2002	14:08	02059800	8		MF	1.0		1.4		2.8										5.2		55	
OS	SCR	SCR	01/29/2002	14:38	02059801	130		MF										0	0							
RS	MCL	MCL	01/29/2002	14:34	02059802	48		MF	5.0		3.3		1.7		80.75			0	0	80.75	jrj	0.932	5.1		48	
RS	PRY	PRY	01/29/2002	14:03	02059803	7		MF	1.0		1.4		2.8		39.93			0	0	39.93	jr	0.895	5.2		55	
RS	SHN	SHN	01/29/2002	12:50	02059804	12		MF	6.0		4.4		1.8	jt	41.49			0	0	41.49	jrj	0.838	4.1		55	

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Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	KND	KND	01/29/2002	13:18	02059805	1	U	MF	9.0		4.8		1.6					0	0	210.02	jrx	0.934	5.4		54		
RS	PIE	PIE	01/29/2002	12:18	02059807	10		MF	2.0		8.0		0.7					0	0	0.1872	jr	0.895	3.9		47		
RS	BUR	BUR	01/29/2002	11:57	02059808	19		MF	6.0	s	7.1		0.9	w				0	0	0.4105	jM	0.983	4.1		118		
LS	QA	SHN	02/05/2002	14:45	02069800	20		MF	3.0		3.1																
FD	QA	SHN	02/05/2002	14:45	02069800	13		MF	3.0		3.2		1.5											5.9		63	
OS	SCR	SCR	02/05/2002	12:13	02069801	29		MF										0	0								
RS	MCL	MCL	02/05/2002	11:20	02069802	26		MF	4.0		2.7		1.5			76.84		31	30	76.84			5.7		53		
RS	PRY	PRY	02/05/2002	13:08	02069803	4		MF	1.0		1.5		2.7			32.59		27	26	32.59			6.35		55		
RS	SHN	SHN	02/05/2002	14:45	02069804	13		MF	3.0		3.2		1.5	jt		24.49		42	39	24.49			5.95		63		
RS	KND	KND	02/05/2002	15:52	02069805	100		MF	4.0		2.4		1.3			117.89		24	22	117.89			6.4		57		
RS	PIE	PIE	02/05/2002	16:45	02069807	13		MF	2.0	s	8.9	s	0.7			0.1963	jf	17	14	0.1963			6.7		54	s	
RS	BUR	BUR	02/05/2002	17:35	02069808	20		MF	4.0	s	7.1	s				0.3830	jf	23	9	0.3830			6.1		124	s	
LS	QA	BUR	02/12/2002	13:20	02079800	120		MF	19.0		19.0																
FD	QA	BUR	02/12/2002	13:20	02079800	120		MF	19.0		19.0													5.2		131	
OS	SCR	SCR	02/12/2002	9:20	02079801	12	J	MF								17.45		31	28	17.45							
RS	MCL	MCL	02/12/2002	9:10	02079802	28	J	MF	3.0		2.2		1.4			63.90		29	27	63.90			4.4		52		
RS	PRY	PRY	02/12/2002	11:50	02079803	7		MF	1.0	U	1.0		2.7			27.79		25	23	27.79			5.2		56		
RS	SHN	SHN	02/12/2002	15:30	02079804	5		MF	2.0		2.8		1.4	jt		22.14		39	36	22.14			5.4		65		
RS	KND	KND	02/12/2002	16:20	02079805	4		MF	2.0		1.8		1.2			102.23		22	21	102.23			5.9		54		
RS	PIE	PIE	02/12/2002	14:08	02079807	20		MF	2.0		6.6		0.7			0.2175	jf	20	16	0.2175			6.1		54		
RS	BUR	BUR	02/12/2002	13:20	02079808	110		MF	22.0		19.0		0.8	w		0.1376	jf	27	2	0.1376			5.3		132		
LS	QA	SHN	02/19/2002	13:49	02089800	8		MF	3.0		3.5																
FD	QA	SHN	02/19/2002	13:49	02089800	16		MF	4.0		3.4													7.2		71	
OS	SCR	SCR	02/19/2002	10:37	02089801	20		MF								12.62		27	26	12.62							
RS	MCL	MCL	02/19/2002	10:34	02089802	21		MF	3.0		2.1		1.1		5.03	43.88		30	27	43.88			7.2		58		
RS	PRY	PRY	02/19/2002	12:31	02089803	37		MF	1.0	U	1.3		2.6			18.73		23	22	18.73			7.2		60		
RS	SHN	SHN	02/19/2002	13:49	02089804	8		MF	4.0		3.7		1.4	jt		2.45		36	11	2.45			7.2		71		
RS	KND	KND	02/19/2002	14:40	02089805	6	j	MF	4.0	j	2.3	j	1.0			78.14		24	22	78.14			7.4		61	j	
RS	PIE	PIE	02/19/2002	15:27	02089807	25		MF	8		14		1			0.4693	jf	20	17	0.4693			8.9		57		
RS	BUR	BUR	02/19/2002	16:10	02089808	1000		MF	16		17		1	w		0.4267	jf	30	4	0.4267			7.8		137		
LS	QA	PIE	02/26/2002	11:17	02099800	9		MF	3.0		7.1																
FD	QA	PIE	02/26/2002	11:17	02099800	9		MF	3.0		7.2																
OS	SCR	SCR	02/26/2002	9:45	02099801	3	J	MF								21.35		23	21	21.35					53		
RS	MCL	MCL	02/26/2002	8:47	02099802	18	J	MF	3.0		1.9		1.3	jrg	5.26	68.94		23	22	68.94			4.9		51		
RS	PRY	PRY	02/26/2002	10:37	02099803	2		MF	1.0	U	1.3		2.8			37.04		22	21	37.04			5.1		56		
RS	SHN	SHN	02/26/2002	12:50	02099804	5		MF	3.0		3.4		1.6	jt		34.24		28	25	34.24			5.8		60		
RS	KND	KND	02/26/2002	13:30	02099805	2		MF	3.0		2.1		1.3			132.00		21	18	132.00			5.9		57		
RS	PIE	PIE	02/26/2002	11:17	02099807	9		MF	3.0		7.2		0.7			0.2266	jf	17	14	0.2266			5.9		53		
RS	BUR	BUR	02/26/2002	11:50	02099808	35		MF	9.0	s	8.6		0.8	w		0.3155	jf	18	10	0.3155			5.9		102		
LS	QA	BUR	03/05/2002	15:03	02109800	45	s	MF	6.0	s	7.7	s															
FD	QA	BUR	03/05/2002	15:03	02109800	27	s	MF	6.0	s	7.7	s												7.7			
OS	SCR	SCR	03/05/2002	10:32	02109801	5		MF								9.34		20	18	9.34							
RS	MCL	MCL	03/05/2002	10:30	02109802	5		MF	2.0		1.6				jrga	1.01	35.03	23	20	35.03			6.7				
RS	PRY	PRY	03/05/2002	12:05	02109803	5		MF	1.0	U	0.9				jrga	2.41	15.41	20	17	15.41			6.6		62		
RS	SHN	SHN	03/05/2002	13:02	02109804	6		MF	2.0		2.0		1.3	jt		13.82		29	16	13.82			7.1		71		
RS	KND	KND	03/05/2002	13:44	02109805	1	U	MF	2.0		1.3		0.9			56.01		21	18	56.01			7.1		63		
RS	PIE	PIE	03/05/2002	14:36	02109807	28		MF	2.0	s	6.8		0.7			0.0870	jf	17	12	0.0870			9.1		61		
RS	BUR	BUR	03/05/2002	15:03	02109808	19	s	MF	8.0	s	7.7	s				0.1414	jf	19	0	0.1414			7.7		229	s	
LS	QA	KND	03/11/2002	13:15	02119800	40		MF	54		22																
FD	QA	KND	03/11/2002	13:15	02119800	51		MF	53		22																
OS	SCR	SCR	03/11/2002	9:20	02119801	290	J	MF										0	0							52	
RS	MCL	MCL	03/11/2002	9:17	02119802	480	J	MF	128		55				jrg	2.47		0	0	171.78	jrx	0.932	7.0		43		
RS	PRY	PRY	03/11/2002	9:46	02119803	390	J	MF	57		30		3			107.45		21	19	107.45			7.1		45		
RS	SHN	SHN	03/11/2002	12:51	02119804	160		MF	38		22		2	jt		76.68		20	18	76.68			7.4		55		
RS	KND	KND	03/11/2002	13:15	02119805	36		MF	52		22		2					0	0	241.04	jr	0.934	7.3		51		
RS	PIE	PIE	03/11/2002	11:09	02119807	290		MF	30		30		1			6.1864	jf	18	17	6.1864			8.4		36		
RS	BUR	BUR	03/11/2002	11:44	02119808	1400		MF	29		26		1	w		3.7698		23	21	3.7698			8.3		64		
LS	QA	PIE	03/20/2002	15:58	02129800	17		MF			17																
FD	QA	PIE	03/20/2002	15:58	02129800	14		MF	17		17															47	
OS	SCR	SCR	03/20/2002	9:20	02129801	11	J	MF										0	0								
RS	MCL	MCL	03/20/2002	9:15	02129802	40		MF	6.0		3.6		2.5		5.68	127.84		25	24	127.84			5.7		45		

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
RS	PRY	PRY	03/20/2002	11:35	02129803	9		MF	2.0		2.0		2.9			57.59		27	26	57.59			5.6		51		
RS	SHN	SHN	03/20/2002	12:47	02129804	3		MF	7.0		6.2		2.0	jt		62.62		20	16	62.62			5.75		55		
RS	KND	KND	03/20/2002	14:52	02129805	5		MF	7.0		4.0		1.7			209.14		22	18	209.14			6.0		49		
RS	PIE	PIE	03/20/2002	15:58	02129807	9		MF	17	s	17	s	1			1.0354	jf	13	6	1.0354			5.85		47	s	
RS	BUR	BUR	03/20/2002	16:29	02129808	40		MF	4.0		6.2					0.7079	jf	20	13	0.7079			5.7		71		
LS	QA	SHN	03/27/2002	13:06	02139800	9		MF	2.0		2.1												8.4		67		
FD	QA	SHN	03/27/2002	13:06	02139800	5		MF	2.0		2.1																
OS	SCR	SCR	03/27/2002	10:30	02139801	6		MF										0	0								
RS	MCL	MCL	03/27/2002	9:00	02139802	11		MF	2.0		1.9		1.1			44.58		37	36	44.58			6.4		56		
RS	PRY	PRY	03/27/2002	10:44	02139803	9		MF	1.0	U	0.9		2.5			20.74		25	24	20.74			6.5		58		
RS	SHN	SHN	03/27/2002	13:06	02139804	2		MF	2.0		2.2		1.3	jt		18.38		26	20	18.38			7.6		67		
RS	KND	KND	03/27/2002	14:09	02139805	1	U	MF	2.0		1.4		0.9			74.59		25	23	74.59			6.9		61		
RS	PIE	PIE	03/27/2002	12:17	02139807	92		MF	3.0		5.9		0.7			0.0775	jf	18	12	0.0775			8.4		60		
RS	BUR	BUR	03/27/2002	11:40	02139808	10		MF	14.0	s	6.2	s				0.1178	jf	22	2	0.1178			8.0		132	s	
LS	QA	SHN	04/02/2002	14:25	02149800	4		MF	3.0		2.1														74		
FD	QA	SHN	04/02/2002	14:25	02149800	6		MF	3.0		2.2																
OS	SCR	SCR	04/02/2002	11:06	02149801	8		MF										0	0								
RS	MCL	MCL	04/02/2002	11:03	02149802	13		MF	3.0		2.4		1.0			29.87		29	28	29.87			7.21		60		
RS	PRY	PRY	04/02/2002	12:25	02149803	1	U	MF	1.0	U	0.7		2.4	jta		11.28		20	18	11.28			7.68		73		
RS	SHN	SHN	04/02/2002	14:25	02149804	7		MF	3.0		2.1		1.1			51.34		22	21	51.34			9.67		75		
RS	KND	KND	04/02/2002	15:17	02149805	1	U	MF	3.0		1.6					11.34		28	25	54.51			8.7		53		
RS	PIE	PIE	04/02/2002	13:12	02149807	13		MF	8.0	s	6.8		0.6			0.0308	jf	17	9	0.0308			9.99		73		
RS	BUR	BUR	04/02/2002	13:45	02149808	11	s	MF	6.0	s	6.0	s				0.0846	jf	23	0	0.0846			11.2		122	s	
LS	QA	PRY	04/09/2002	10:28	02159800	35		MF	1		1.7																
FD	QA	PRY	04/09/2002	10:28	02159800	27		MF	1.0		1.7												8.3		65		
OS	SCR	SCR	04/09/2002	9:43	02159801	4		MF										0	0								
RS	MCL	MCL	04/09/2002	8:57	02159802	21	J	MF	3		3.1		0.92			27.29		26	24	27.29			8.4		63		
RS	PRY	PRY	04/09/2002	10:28	02159803	17		MF	1		1.4		2.37			8.47		19	16	8.4712			8.3		65		
RS	SHN	SHN	04/09/2002	12:52	02159804	48		MF	1.0		2.0		1.0			8.16		21	18	8.1636			9.6		82		
RS	KND	KND	04/09/2002	13:38	02159805	5		MF	1		1.2		0.7			40.81		19	15	40.8139			8.1		71		
RS	PIE	PIE	04/09/2002	11:28	02159807	120		MF	8	s	11		0.64			0.0571	jf	17	12	0.0571			9.6		91		
RS	BUR	BUR	04/09/2002	11:55	02159808	290		MF	7	s	7.7	s	0.74	w				0	0	0.1707	jM	0.983	10.4		200	s	
LS	QA	MCL	04/16/2002	10:40	02169800	18		MF	5.0		3.4																
FD	QA	MCL	04/16/2002	10:40	02169800	20		MF	5.0		3.3												7.4		48		
OS	SCR	SCR	04/16/2002	11:30	02169801	18		MF										0	0								
RS	MCL	MCL	04/16/2002	10:40	02169802	29		MF	5.0		3.2					106.81		28	27	106.81			7.4		48		
RS	PRY	PRY	04/16/2002	12:08	02169803	40		MF	2.0		2.4		2.9			53.60		20	18	53.60			7.3		63		
RS	SHN	SHN	04/16/2002	13:30	02169804	12		MF	4.0		4.0		1.6	jt		37.58		25	20	37.58			8.7		59		
RS	KND	KND	04/16/2002	14:15	02169805	2		MF	5.0		3.4		1.5					21	18	197.70	jr	0.934	8.1		52		
RS	PIE	PIE	04/16/2002	15:10	02169807	73		MF	9.0		14.0		0.7			0.45		21	18	0.45			11.1		65		
RS	BUR	BUR	04/16/2002	16:45	02169808	480		MF	9.0	s	9.7	s	0.9	w		0.39		21	3	0.39			9.5		102	s	
LS	QA	KND	04/24/2002	13:35	02179800	3		MF	2.0		1.4																
FD	QA	KND	04/24/2002	13:35	02179800	1		MF	1.0		1.3		0.8										8.9		64		
OS	SCR	SCR	04/24/2002	9:00	02179801	8	J	MF										0	0								
RS	MCL	MCL	04/24/2002	8:54	02179802	40	J	MF	2.0		1.9		0.9			36.30		26	25	36.30			6.7		58		
RS	PRY	PRY	04/24/2002	10:15	02179803	13		MF	1.0	U	0.8		2.5			15.78		19	18	15.78			7.1		62		
RS	SHN	SHN	04/24/2002	12:53	02179804	10	q	MF	1.0		1.8		1.1	jt		12.37	jf	22	15	12.37			9.7		73		
RS	KND	KND	04/24/2002	13:35	02179805	1		MF	2.0		1.3		0.8			58.19		19	18	58.19			8.9		64		
RS	PIE	PIE	04/24/2002	12:00	02179807	2600	Jq	MF	4.0	s	8.2		0.6			0.0419	jf	16	10	0.0419			8.6		85		
RS	BUR	BUR	04/24/2002	11:19	02179808	55	s	MF	5.0	sc	7.7	s	0.7	w				0	0	0.1420	jM	0.983	9.8		168	s	
LS	QA	PRY	04/30/2002	12:30	02189800	15		MF	1.0		0.9																
FD	QA	PRY	04/30/2002	12:30	02189800	14		MF	1.0		0.9		2.4										10.2		66		
OS	SCR	SCR	04/30/2002	11:34	02189801	5		MF										0	0								
RS	MCL	MCL	04/30/2002	10:40	02189802	39		MF	3.0		2.4		0.9			26.47		26	25	26.47			9.15		64		
RS	PRY	PRY	04/30/2002	12:30	02189803	12		MF	1.0		0.9		2.4			10.82	jl	24	17	10.82			10.2		67		
RS	SHN	SHN	04/30/2002	15:01	02189804	18	J	MF	2.0		2.0		1.1			8.52		18	16	8.52			12.6		81		
RS	KND	KND	04/30/2002	15:55	02189805	1	U	MF	2.0		1.5		0.7			43.29		18	16	43.29			10.2		73		
RS	PIE	PIE	04/30/2002	13:51	02189807	210		MF	25.0	s	37.0	s	0.8			0.0256		17	5	0.03			12.7		83	s	
RS	BUR	BUR	04/30/2002	14:14	02189808	88	s	MF	7.0	sc	8.5	sc	0.7	w				0	0	0.1172	jM	0.983	15.5		308	sc	
LS	QA	PRY	05/08/2002	16:07	02199800	33		MF	1.0		0.8																
FD	QA	PRY	05/08/2002	16:07	02199800	39		MF	1.0		0.8		2.3										8.9		68		

Appendix B.

Water Quality Data from Totten and Eld Inlet Study Basins

Sample Type	Field ID	Station Name	Date	Time	Sample Lab ID Number	FC	FC Qual Code	FC Method	TSS	TSS Qual Code	Turb	Turb Qual Code	Gauge	Gauge Qual Code	Other Gauge	Stream Flow	Flow Qual Code	Stream Segments for Flow	Quality Segments for Flow	Calc Flow	Calc Flow Qual Code	r ² for Calc Flow	Temp deg C	Temp. Qual Code	Cond Adj	Cond Qual Code	
OS	SCR	SCR	05/08/2002	12:51	02199801	19		MF										0	0								
RS	MCL	MCL	05/08/2002	12:05	02199802	15		MF	1.0		1.5		0.8					24	23	18.06			8.0		67		
RS	PRY	PRY	05/08/2002	16:07	02199803	32		MF	2.0		0.8		2.3				jl	21	16	7.57			8.9		69		
RS	SHN	SHN	05/08/2002	13:53	02199804	43		MF	1.0		1.8		1.0					21	17	7.34			9.2		83		
RS	KND	KND	05/08/2002	15:00	02199805	19		MF	1.0		0.9							23	21	32.32			9.0		72		
RS	PIE	PIE	05/08/2002	10:45	02199807	140		MF	2.0		7.2		0.6					18	4	0.02			7.2		87		
RS	BUR	BUR	05/08/2002	11:10	02199808	140	s	MF	9.0	sc	8.5	sc	0.7	w				0	0	0.1027	jM	0.983	9.1		613	sc	
OS	BCUL	BCUL	05/08/2002	11:10	02199809	140		MF																			
LS	QA	MCL	05/14/2002	10:42	02209800	40		MF	2.0		2.0																
FD	QA	MCL	05/14/2002	10:42	02209800	49		MF	2.0		1.9		0.7										9.5		71		
OS	SCR	SCR	05/14/2002	10:45	02209801	27		MF										0	0								
RS	MCL	MCL	05/14/2002	10:42	02209802	47		MF	2.0		2.0		0.7					24	22	11.78			9.5		70		
RS	PRY	PRY	05/14/2002	12:10	02209803	25		MF	1.0	U	0.6		2.3					26	16	6.44			9.8		73		
RS	SHN	SHN	05/14/2002	14:30	02209804	7		MF	1.0		1.4		0.9					21	17	4.30			11.3		89		
RS	KND	KND	05/14/2002	15:18	02209805	2		MF	1.0		0.8		0.6					22	19	29.76			11.7		75		
RS	PIE	PIE	05/14/2002	13:48	02209807	130		MF	5.0	s	9.4	s	0.6					10	1	0.00			10.2		96	s	
RS	BUR	BUR	05/14/2002	13:14	02209808	110		MF	5.0	s	9.4	s	0.6	w				0	0	0.0581	jM	0.983	13.2		138	s	
LS	QA	PRY	05/21/2002	12:00	02219800	8		MF	1.0		1.0																
FD	QA	PRY	05/21/2002	12:00	02219800	10		MF	1.0	U	1.0												10.6		76		
OS	SCR	SCR	05/21/2002	13:14	02219801	11		MF										0	0								
RS	MCL	MCL	05/21/2002	13:10	02219802	100		MF	1.0		2.0							22	20	12.83			11.3		72		
RS	PRY	PRY	05/21/2002	12:00	02219803	12		MF	1.0		0.6		2.2					23	16	4.69			10.6		75		
RS	SHN	SHN	05/21/2002	10:20	02219804	18		MF	1.0		1.4		0.9					16	13	3.80			10.9		93		
RS	KND	KND	05/21/2002	11:07	02219805	16		MF	1.0		0.7		0.5					21	16	21.54			11.0		80		
RS	PIE	PIE	05/21/2002	9:40	02219807	91	J	MF	4.0	s	7.9							12	2	0.00			10.9		107		
RS	BUR	BUR	05/21/2002	9:05	02219808	71	J	MF	8.0	s	7.4		0.6	w				0	0	0.0626	jM	0.983	12.2		558		
LS	QA	KND	05/28/2002	14:48	02229800	48		MF	1.0	U	0.7																
FD	QA	KND	05/28/2002	14:48	02229800	49		MF	1.0	U	0.7												11.6		82		
OS	SCR	SCR	05/28/2002	11:03	02229801	89		MF										0	0								
RS	MCL	MCL	05/28/2002	10:58	02229802	84		MF	2.0		2.4		0.7					21	20	12.39			11.9		85		
RS	PRY	PRY	05/28/2002	12:05	02229803	10		MF	1.0	U	0.6		2.2					21	16	4.62			11.7		75		
RS	SHN	SHN	05/28/2002	13:51	02229804	27		MF	1.0		1.4		0.9					16	13	3.96			12.0		96		
RS	KND	KND	05/28/2002	14:36	02229805	33		MF	1.0	U	0.7		0.5					15	12	20.59			11.6		83		
RS	PIE	PIE	05/28/2002	12:53	02229807	550		MF	8	s	12		1					9	2	0.01			11.95		120		
RS	BUR	BUR	05/28/2002	13:05	02229808	1300	JXs	MF	13	s	12	s	1	w				0	0	0.0836	jM	0.983	14.1		248	s	
LS	QA	PRY	06/04/2002	11:55	02239800	17		MF	1.0		0.6																
FD	QA	PRY	06/04/2002	11:55	02239800	25		MF	1.0		0.7															83	
OS	SCR	SCR	06/04/2002	12:35	02239801	13		MF										0	0								
RS	MCL	MCL	06/04/2002	12:30	02239802	47		MF	2.0		2.2		0.6					25	19	9.51			11.3		78		
RS	PRY	PRY	06/04/2002	11:55	02239803	31		MF	1.0		0.6		2.2					21	16	3.41			10.8		83		
RS	SHN	SHN	06/04/2002	10:13	02239804	27	J	MF	2.0		1.7		0.8					15	12	2.78			11.3		104		
RS	KND	KND	06/04/2002	10:55	02239805	28	J	MF	1.0	U	0.6		0.5					24	20	16.03			11.0		86		
RS	PIE	PIE	06/04/2002	9:25	02239807	49	J	MF	4.0		9.1		0.6					0	0	0.0109	jrf	0.895	10.5		132		
RS	BUR	BUR	06/04/2002	9:05	02239808	250	J	MF	4.0	s	5.5	s	0.5	w				0	0	0.0231	jM	0.983	12.2		742		
LS	QA	KND	06/11/2002	14:58	02249800	3		MF	1.0	U	0.9																
FD	QA	KND	06/11/2002	14:58	02249800	2		MF	1.0	U	0.9												13.8		90		
OS	SCR	SCR	06/11/2002	11:33	02249801	53		MF										0	0								
RS	MCL	MCL	06/11/2002	10:52	02249802	120		MF	2.0		2.8		0.6					24	22	7.70			11.10		83		
RS	PRY	PRY	06/11/2002	12:10	02249803	8		MF	1.0	U	0.6		2.1					21	16	2.85			11.8		85		
RS	SHN	SHN	06/11/2002	13:53	02249804	40		MF	1.0	U	1.4		0.8					18	14	2.18			12.4		104		
RS	KND	KND	06/11/2002	14:58	02249805	2		MF	1.0	U	0.8		0.5					19	16	14.57			13.8		86		
RS	PIE	PIE	06/11/2002	13:16	02249807	11		MF	1.0	U	0.5		0.6					0	0	0.0088	jrf	0.895	10.3				
RS	BUR	BUR	06/11/2002	12:59	02249808	51	s	MF					0.4	w				0	0	0.0064	jM	0.983	12.2				
RS	SCR	SCR	06/16/2002	9:50	02249801													999.00	16	999.00							

Appendix C

Explanatory Notes for Water Quality Data

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Appendix C. Explanatory Notes

Column Headings

Sample Type	see Sample Types below
Field ID	Same as Station Name except for duplicate sampling at a site used for quality assurance
Station Name	Water body name – see Station Names below
Date	Date the sample was taken or flow measured
Time	Time the sample was taken or flow measured
Sample Lab ID Number	Ecology's Manchester Laboratory sample ID number
FC	fecal coliform count om cfu/100 mL
FC Qual Code	Fecal coliform quality assurance codes
FC Method	MF = membrane filter method; MPN = most probable number method
TSS Qual Code	total suspended solids concentration in mg/L
QAC TSS	total suspended solids quality assurance codes
Turb	turbidity NTU
Turb Qual Code	turbidity quality assurance codes
Gauge	stream gauge height in decimal feet
Gauge Qual Code	gauge field quality codes
Other Gauge	alternate stream gauge, or where noted by gauge quality code, stream width or height
Stream flow	integrated direct stream flow measurement in cfs
Flow Qual Code	stream flow quality assurance codes
Stream Segments for Flow	number of stream cross-section segments used to calculate overall stream flow
Quality Segments for Flow	number of quality stream cross-section segments used to calculate overall stream flow; for this project these are segments with a depth of at least 0.18 ft. and a flow of at least 0.05 ft/s
Calc Flow	calculated flow in cfs (= 1*measured flow or obtained by other method as noted)
Calc Flow Qual Code	calculated flow quality assurance codes
r ² Calc	r-squared value for regression (calibration-curve) used to calculate flow. When flow is calculated using more than one regression curve sequentially (e.g. by relationship to another stream with its flow calculated from a rating-curve), the reported value is the r-squared values multiplied by each other.
Temp deg C	water temperature in degrees Celsius
Temp Qual Code	water temperature quality assurance codes
Cond Adj	conductivity in μ S/cm, adjusted by calibration factor
Cond Qual Code	conductivity quality assurance codes

Field ID and Station Name

QA	Quality Assurance field duplicate
MCL	McLane Creek into Eld Inlet
SCR	Swift Creek (McLane Tributary)
PRY	Perry Creek into Eld Inlet
SHN	Schneider Creek into Totten Inlet
KND	Kennedy Creek into Totten Inlet
PIE	Pierre Creek into Totten Inlet
BUR	Burns Creek into Totten Inlet
BCUL	Burns Creek into Totten Inlet - sample taken at culvert discharge
??X	Other sample at or near regular station; e.g. BURX

Sample Types

RS	Regular sample
FD	Field Duplicate
LS	Lab Split
OS	Other sample; e.g. repeat sampling same week, additional spot-sample, added unplanned sampling

Appendix C. Explanatory Notes

Data Qualifiers

U	the analyte was not detected at or above the reported result (non-detect)
X	high background count: plate crowded by other non-motile bacteria (the result is equal to or greater than the reported value)
S	spreader: plate crowded by other motile bacteria ((the result is equal to or greater than the reported value)
J	analyte was positively identified, the reported result is an estimate
H (or H30)	microbiology 30-hour sample holding time was exceeded, result should be used with caution
h	microbiology sample 24-hour holding time exceeded, but older 30-hour time not exceeded
EQG or =>	equal to or greater than the reported result
EQL or =<	equal to or less than the reported result
> (or G)	greater than the reported result
< (or L)	less than the reported result
r	estimated from a rating curve
rr	double regression; e.g. a flow based on another stream's flow, which was based on a flow:gauge rating curve
g	estimated from similar previous hydrologic/meteorologic conditions and interbasin flow relationships
a	ambiguity or probable error in field notes; reported value is highest likelihood
b	braided stream during high flows causing inability to collect samples as usual, or affecting gauge
f	value based on visual estimation/timing method (e.g. wood chip float timing), or flowmeter under very shallow conditions
M	value based on Manning's equation
i	interference from rocks, debris, fallen trees, etc.
j	estimate for other than analyte (e.g. flow), or analyte collected under unusual circumstances (e.g. case-basis substitution of a spoon for a Ponar)
l	sampling or flow location different than design location because of low or high flow or change in stream profile
m	mean value
c	composite
o	calculated by other method
s	surface grab (too shallow for plunge subsurface grab)
t	split channel
x	calculated by rating-curve or other regression, and extrapolated out of measured regression range
q	questionable value
p	RPD outside of acceptable range (+/-20)
P	RPD outside of acceptable range (+/-40)
C	See comment field for additional qualification
w	stream width
T	data from Thurston County

Appendix D

Water Quality Data Results Quality Assurance Notes

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Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
01/19/1993	FCMF	All	Exceeded	FC holding time exceeded by one day because of inability to transport samples to the lab because of weather conditions.	All
02/16/1993	All	All		"J" qualifier added because field log indicates difficulty obtaining samples from low flows, and indicates likelihood of need for data qualification.	All
01/18/1994	All	94049800	-	Lab split QA data not included with report	0
12/20/1994	FCMF	94529800	-	Sample numbers also need a "S" qualifier. This indicates there were motile colonies on the plate that may have masked or inhibited the fecal coliform colonies.	0
12/20/1994	FCMF	94529803	-	Sample numbers also need a "S" qualifier. This indicates there were motile colonies on the plate that may have masked or inhibited the fecal coliform colonies.	3
12/20/1994	FCMF	94529804	-	Sample numbers also need a "S" qualifier. This indicates there were motile colonies on the plate that may have masked or inhibited the fecal coliform colonies.	4
01/10/1995	FCMF	All	-	All FC bottles had no foil.; blanks sent in for 3 other bottles (sent in empty & unopened). All blanks verified sterile at lab (no growth with medium or water incubation).	All
02/14/1995	FCMF	95079800	-	Sample was "J" because there were over 150 colonies on the plate	0
04/18/1995	FCMF	95169800	-	The "X" qualifier indicates significant background colony growth (non-fecal colonies). This background growth could mask the coliform colonies, lowering the count. This is true for sample 95169300 Replicate.	0
04/18/1995	FCMF	95169808	-	The "X" qualifier indicates significant background colony growth (non-fecal colonies). This background growth could mask the coliform colonies, lowering the count. This is true for sample 95169300 Replicate.	8
11/14/1995	FCMF	95469800	-	The "S" qualifier signifies the presence of a non-fecal motile colony on the plate. This colony may or may not mask (depending on the number of colonies and how far they have spread) the fecal colonies.	0
11/14/1995	FCMF	95469803	-	The "S" qualifier signifies the presence of a non-fecal motile colony on the plate. This colony may or may not mask (depending on the number of colonies and how far they have spread) the fecal colonies.	3
12/26/1995				<i>Prior to this date no official lab data quality sheets; when available, data qualifiers were noted on data sheets themselves. Last Lab submittal without an official data quality sheet attached</i>	
02/06/1996	FCMF	96069807	OK	"S" qualifier signifies the presence of a non-fecal motile colony on the plate. This colony may mask some of the fecal colonies. Therefore, this result should be considered an estimate.	7
02/06/1996	FCMF	96069800	OK	The relative percent differences (RPD) were within their acceptance windows of +/-20% except for fecal coliforms. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
02/13/1996	FCMF	96079800	OK	The relative percent differences (RPD) were within their acceptance windows of +/-20% except for fecal coliforms. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
02/20/1996	TSS	96089800	OK	The relative percent differences (RPD) were within their acceptance windows of +/-20% except for TSS. The duplicate results for TSS were close to the reporting limit causing high imprecision in the results.	0
02/27/1996	FCMF	96099800	OK	The relative percent differences (RPD) were within their acceptance windows of +/-20% except for fecal coliforms. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
03/19/1996	FCMF	96129800	OK	The relative percent differences (RPD) were within their acceptance windows of +/-20% except for fecal coliforms. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
03/26/1996	FCMF	96139800	OK	This was outside of the 20% RPD due to the results being close to the detection limit.	0
04/09/1996	FCMF	96159802	OK	"X" qualifier means background organisms. These non-fecal bacteria could mask the blue color production of the fecal coliforms. Therefore the true value may be greater than or equal to the reported value.	2
11/19/1996		9600980		<i>First indication that lab standard for FCMF RPD changed from within 20% to within 40%.</i>	

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
11/19/1996	FCMF	96479800	OK	Fecal coliform samples have an acceptance window of +/-40%. Fecal coliform duplicate was outside the RPD limit. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
12/03/1996	FCMF	96499804	OK	"X" qualifier means high background colonies. These non-fecal colonies may obscure the blue color produced by the fecal coliform colonies. therefore the "true" results may be greater than or equal to reported results.	4
12/03/1996	FCMF	96499808	OK	"X" qualifier means high background colonies. These non-fecal colonies may obscure the blue color produced by the fecal coliform colonies. therefore the "true" results may be greater than or equal to reported results.	8
12/22/1996	FCMF	96529805	OK	"X" qualifier means high background colonies. These non-fecal colonies may obscure the blue color produced by the fecal coliform colonies. therefore the "true" results may be greater than or equal to reported results.	5
12/22/1996	TSS	96529800	OK	The RPDs were within their acceptance windows of +/-20% with the exception of TSS. The replicate may be a non-indicator in this case, because it was so close to the practical detection limit of 2 mg/l.	0
01/21/1997	FCMF	97049804		"S" qualifier indicates there were non-fecal motile colonies which may interfere with the blue color produced by the fecal colonies. Therefore, the true value may be greater than or equal to the reported value.	4
02/04/1997	FCMF	97069800	OK	The fecal coliform samples were not within their acceptance window of +/-40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
02/04/1997	FCMF	97069802	OK	"X" qualifier means background bacteria. These non-fecal bacteria may mask the blue color production of the fecal coliforms. Therefore the true value may be greater than or equal to the reported value.	2
02/11/1997	FCMF	97079800	OK	The fecal coliform samples were not within their acceptance window of +/-40%. The duplicates are outside the RPD limits due to being so close to the detection limit of 1/100 mLs. therefore it is considered to be a non-indicator.	0
02/25/1997	FCMF	97099803	OK	"S" qualifier signifies spreader organisms. These non-fecal, motile bacteria may interfere with the blue color production of the fecal coliforms. Therefore, the "true" value may be greater than or equal to the reported value.	3
03/04/1997	FCMF	97109800	OK	The fecal coliform samples were not within their acceptance window of +/-40%. This is a non-indicator due to the results being so close to the reporting limit.	0
03/11/1997	Turbidity	All	OK	The analyst had to use the EPA's turbidimeter because of a WADOE equipment failure (lamp burned out).	All
03/11/1997	Turbidity	97119800	OK	Laboratory Control Sample (LCS) analyses were within their acceptance windows of +/-20% with the exception of the 1.8 and 4.0 NTU turbidity standards. Therefore, all samples less than 10 NTU were qualified with a "J". These samples may be biased high.	0
03/11/1997	Turbidity	97119802	OK	Laboratory Control Sample (LCS) analyses were within their acceptance windows of +/-20% with the exception of the 1.8 and 4.0 NTU turbidity standards. Therefore, all samples less than 10 NTU were qualified with a "J". These samples may be biased high.	2
03/11/1997	Turbidity	97119803	OK	Laboratory Control Sample (LCS) analyses were within their acceptance windows of +/-20% with the exception of the 1.8 and 4.0 NTU turbidity standards. Therefore, all samples less than 10 NTU were qualified with a "J". These samples may be biased high.	3
03/11/1997	Turbidity	97119804	OK	Laboratory Control Sample (LCS) analyses were within their acceptance windows of +/-20% with the exception of the 1.8 and 4.0 NTU turbidity standards. Therefore, all samples less than 10 NTU were qualified with a "J". These samples may be biased high.	4
03/11/1997	Turbidity	97119805	OK	Laboratory Control Sample (LCS) analyses were within their acceptance windows of +/-20% with the exception of the 1.8 and 4.0 NTU turbidity standards. Therefore, all samples less than 10 NTU were qualified with a "J". These samples may be biased high.	5
03/25/1997	FCMF	97139800	OK	The fecal coliform samples were not within their acceptance window of +/-40%. Because they were so close to the detection limit this is a non-indicator.	0
04/01/1997	FCMF	97149800	OK	The fecal coliform samples were not within their acceptance window of +/-40%. It is a non-indicator due to the fact that they were at or below the practical detection limit.	0
04/01/1997	TSS	97149800	OK	The TSS samples were not within their acceptance window of +/-20%. It is a non-indicator due to the fact that they were at or below the practical detection limit.	0

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
11/11/1997	FCMF	97469800	OK	The fecal coliform samples were not within their acceptance window of +/-40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
11/18/1997	FCMF	97479800	OK	The fecal coliform samples were not within their acceptance window of +/-40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
11/18/1997	Temp.	All	OK	No thermometer - used DO meter temperature instead.	All
11/24/1997	FCMF	97489804	OK	"J" qualifier signifies an estimate. In this case there were spreader colonies on the plate. These motile, non-fecal colonies may interfere with the blue color produced by fecal colonies; therefore the true value may be greater than or equal to the reported result.	4
12/22/1997	FCMF	97529800	OK	Outside the (RPD) microbiology window of +/-40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
12/22/1997	TSS	97529800	OK	RPD not within their acceptance windows of +/-20%. These results are at the practical detection limit; therefore the RPD is a non-indicator.	0
01/20/1998	FCMF	98049800	OK	Not within acceptance window of +/-40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
02/10/1998	FCMF	98079800	OK	Not within the microbiology window of +/-40%. In this case it is a non-indicator due to the results being so close to the detection limits.	0
02/24/1998	FCMF	98099800	OK	Not within the microbiology window of +/-40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
03/03/1998	FCMF	98109800	OK	The fecal coliform samples were not within their acceptance windows of +/-40%. The quantity was not sufficient to run duplicate analysis. Normally the QA sample is collected in a 500ml bottle; this time it was received in a 250ml bottle.	0
03/17/1998	FCMF	98129800	OK	Not within the microbiology window of +/-40%. This is a non-indicator due to the results being so close to the detection limit.	0
03/17/1998	FCMF	98129805	OK	"U" qualifier signifies the analyte was not found at or above the detection limit.	5
03/24/1998	FCMF	98139800	OK	RPD > +/-40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, the enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
03/24/1998	FCMF	98139802	OK	"J" qualifier signifies an estimate. In this case there were over 150 fecal colonies per plate. Two or more bacteria could land in the same place after filtration; therefore, the true value may be greater than or equal to reported results.	2
03/31/1998	FCMF	98149800	OK	RPD > +/-40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, the enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
03/31/1998	FCMF	98149805	OK	"U" qualifier signifies the analyte was not found at or above the detection limit.	5
10/07/1998	TSS	98419800	OK	RPD > +/-20%. This is a non-indicator due to being at or below the detection limit of 1 mg/L.	0
10/13/1998	FC	98429802	OK	"J" qualifier signifies an estimate. In this case there were over 150 fecal colonies per plate. Two or more bacteria could land in the same place after filtration; therefore, the true value may be greater than or equal to reported results.	2
10/13/1998	FC	98429804	OK	"J" qualifier signifies an estimate. In this case there were over 150 fecal colonies per plate. Two or more bacteria could land in the same place after filtration; therefore, the true value may be greater than or equal to reported results.	4
10/20/1998	TSS	98439800	OK	RPD > +/-20%. This is a non-indicator due to being at or below the detection limit of 1 mg/L.	0

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
10/20/1998	FCMF	98439800	OK	RPD > +/-40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, the enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
10/27/1998	TSS	98449800	OK	RPD > +/-20%. This is a non-indicator due to being at or below the detection limit of 1 mg/L	0
11/11/1998	FCMF	98469800	OK	RPD > +/-40%. This is a non-indicator since the results are below 20 colonies per plate.	0
11/11/1998	FCMF	98469808	OK	"J" qualifier signifies an estimate. In this case there were over 150 fecal colonies per plate. Two or more bacteria could land in the same place after filtration; therefore, the true value may be greater than or equal to reported results.	8
11/17/1998	TPN	All	OK	No matrix spike	All
11/23/1998	FCMF	98489804	OK	"J" qualifier signifies an estimate. In this case there were spreader colonies on the plate. These motile, non-fecal colonies may interfere with the blue color produced by fecal colonies; therefore the true value may be greater than or equal to the reported result.	4
12/15/1998	NH3	98519800	OK	This sample and corresponding duplicate result are qualified as estimates (J) due to the RPD value being outside the acceptance window.	0
01/19/1999	FCMF	99039800	OK	RPD > +/-40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, the enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
02/16/1999	FCMF	99079802	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land simultaneously during filtration; therefore, the true results may be greater than or equal to the reported results.	2
02/23/1999	FCMF	99089808	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
03/09/1999	FCMF	99109808	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
04/19/1999	FCMF	99169804	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	4
04/19/1999	FCMF	99169808	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
05/11/1999	All	All	OK	No QA sheet from lab	All
05/18/1999	FCMF	99209804	OK	"J" qualifier signifies an estimate. In this case there were spreader colonies on the plate. These motile, non-fecal colonies may interfere with the color produced by fecal colonies; therefore the true value may be greater than or equal to the reported result.	4
06/21/1999	NO2	All	-	"J" qualifier indicates value is an estimate because holding time prior to analysis was exceeded by one day.	All
06/21/1999	NO2 Matrix Spike	99259802	-	"J" qualifier indicates value is an estimate because holding time prior to analysis was exceeded by one day.	2
06/21/1999	FC	99259805	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	5
09/21/1999	FCMF	99389804	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	4
10/07/1999	TSS	99409803	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	3
10/07/1999	TSS	99409805	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	5
10/07/1999	Turbidity	99409805	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	5
10/13/1999	Turbidity	99419803	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	3
10/13/1999	TSS	99419800	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	0

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
10/13/1999	TSS	99419804	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	4
10/19/1999	TOC	99429803	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	3
10/19/1999	DOC	99429805	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	5
10/19/1999	TSS	99429803	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	3
10/19/1999	TSS	99429804	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	4
10/19/1999	Nitrite	99429800	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	0
10/19/1999	Nitrite	99429802	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	2
10/19/1999	Nitrite	99429803	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	3
10/19/1999	Nitrite	99429804	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	4
10/19/1999	Nitrite	99429805	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	5
10/19/1999	Ammonia	99429800	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	0
10/19/1999	Ammonia	99429802	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	2
10/19/1999	Ammonia	99429803	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	3
10/19/1999	Ammonia	99429804	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	4
10/19/1999	Ammonia	99429805	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	5
10/19/1999	Ammonia	99429800	OK	"J" qualifier signifies an estimate: All samples were analyzed for total persulfate nitrogen (TPN) before the ammonia analyses. This caused matrix interference and therefor, all the ammonia results are qualified as estimates	0
10/19/1999	Ammonia	99429802	OK	"J" qualifier signifies an estimate: All samples were analyzed for total persulfate nitrogen (TPN) before the ammonia analyses. This caused matrix interference and therefor, all the ammonia results are qualified as estimates	2
10/19/1999	Ammonia	99429803	OK	"J" qualifier signifies an estimate: All samples were analyzed for total persulfate nitrogen (TPN) before the ammonia analyses. This caused matrix interference and therefor, all the ammonia results are qualified as estimates	3
10/19/1999	Ammonia	99429804	OK	"J" qualifier signifies an estimate: All samples were analyzed for total persulfate nitrogen (TPN) before the ammonia analyses. This caused matrix interference and therefor, all the ammonia results are qualified as estimates	4
10/19/1999	Ammonia	99429805	OK	"J" qualifier signifies an estimate: All samples were analyzed for total persulfate nitrogen (TPN) before the ammonia analyses. This caused matrix interference and therefor, all the ammonia results are qualified as estimates	5
10/26/1999	TSS	99439803	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	3
10/26/1999	TSS	99439804	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	4
11/02/1999	TSS	99449800	OK	"J" qualifier signifies an estimate: All samples were reanalyzed on 11-8-99 from the turbidity aliquot because of questions about the first analysis on 11-4-99. Results were comparable for all samples except for 449800 which is qualified as an estimate.	0
11/02/1999	TSS	99449803	OK	"U" - No explanation given	3
11/09/1999	FCMF	99459804	OK	"J" - sample had spreader colonies on the plate. These non-fecal, motile colonies may interfere with the blue color produced by the fecal colonies	4
11/09/1999	FCMF	99459807	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	7
11/09/1999	FCMF	99459808	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
11/23/1999	FCMF	99479800	OK	"J" - sample had spreader colonies on the plate. These non-fecal, motile colonies may interfere with the blue color produced by the fecal colonies; therefore, the true results may be greater than or equal to the reported results.	0
11/23/1999	FCMF	99479802	OK	"J" - sample had spreader colonies on the plate. These non-fecal, motile colonies may interfere with the blue color produced by the fecal colonies; therefore, the true results may be greater than or equal to the reported results.	2

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
11/23/1999	FCMF	99479804	OK	"J" - sample had spreader colonies on the plate. These non-fecal, motile colonies may interfere with the blue color produced by the fecal colonies; therefore, the true results may be greater than or equal to the reported results.	4
11/23/1999	Nitrite	99479800	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	0
11/23/1999	Nitrite	99479802	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	2
11/23/1999	Nitrite	99479803	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	3
11/23/1999	Nitrite	99479804	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	4
11/23/1999	Nitrite	99479805	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	5
11/23/1999	Ammonia	99479807	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	7
12/22/1999	FCMF	99519800	OK	"J" There were high background colonies on the plates. These non-fecal and non-motile colonies may interfere with blue color produced by the fecal colonies; therefore, the "true" values may be greater than or equal to the reported results.	0
12/22/1999	FCMF	99519802	OK	"J" There were high background colonies on the plates. These non-fecal and non-motile colonies may interfere with blue color produced by the fecal colonies; therefore, the "true" values may be greater than or equal to the reported results.	2
12/22/1999	FCMF	99519804	OK	"J" There were high background colonies on the plates. These non-fecal and non-motile colonies may interfere with blue color produced by the fecal colonies; therefore, the "true" values may be greater than or equal to the reported results.	4
04/11/2000	FCMF	00159808	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
04/26/2000	FCMF	00179800	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	0
04/26/2000	FCMF	00179804	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	4
04/26/2000	FCMF	00179807	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results. Sample was very hard to read. There were small colonies as well as non-colony background "specks" on the filter. It was hard to distinguish if they were really colonies or not, so the counts could be a lot higher than reported.	7
04/26/2000	FCMF	00179807	OK	"J" qualifier signifies an estimate Sample was very hard to read. There were small colonies as well as non-colony background "specks" on the filter. It was hard to distinguish if they were really colonies or not, so the counts could be a lot higher than reported.	7
05/02/2000	TSS	00189803	OK	"U" qualifier signifies that the analyte was not detected at or above the reported result.	3
05/02/2000	FCMF	00189804	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	4
05/09/2000	FCMF	00199800	OK	"J" - sample had high background counts on the plate. These non-fecal colonies may interfere with the blue color produced by the colonies; therefore the "true" values may be greater than or equal to the reported results.	0
05/09/2000	FCMF	00199804	OK	"J" - sample had high background counts on the plate. These non-fecal colonies may interfere with the blue color produced by the colonies; therefore the "true" values may be greater than or equal to the reported results.	4
05/09/2000	FCMF	00199802	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	2
05/09/2000	FCMF	00199807	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	7

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
05/09/2000	FCMF	00199808	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
05/16/2000	TSS	00209800	OK	Duplicate samples were within their acceptance windows of +/-20% with the exception of TSS. This is a non-indicator in this case, because the results are so close to the practical method determination limit of 4 mg/l.	0
05/16/2000	TSS	00209803	OK	"U" signifies the analyte was not detected at or above number indicated.	3
05/23/2000	FCMF	00219803	OK	"U" signifies the analyte was not detected at or above the reported result.	3
05/30/2000	ALL	00229804	-	Sample was not received or not received in good condition.	4
05/30/2000	FCMF	00229804	OK	"J" There were high background colonies on the plates. These non-fecal colonies may interfere with blue color produced by the fecal colonies; therefore, the "true" values may be greater than or equal to the reported results.	4
05/30/2000	FCMF	00229809	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	9
05/30/2000	TSS	00229800	OK	Duplicate samples were within their acceptance windows of +/-20% with the exception of TSS. This is a non-indicator in this case, because the results are so close to the practical method determination limit of 4 mg/l.	0
05/30/2000	TSS	00229800	OK	"U" signifies the analyte was not detected at or above number indicated.	0
05/30/2000	TSS	00229803	OK	"U" signifies the analyte was not detected at or above number indicated.	3
05/30/2000	TSS	00229804	OK	"U" signifies the analyte was not detected at or above number indicated.	4
05/30/2000	TSS	00229805	OK	"U" signifies the analyte was not detected at or above number indicated.	5
06/06/2000	FCMF	00239800	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results. Sample also had spreader colonies on the plate. These non-fecal, motile colonies may interfere with the blue color produced by the fecal colonies	0
06/06/2000	FCMF	00239804	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results. Sample also had spreader colonies on the plate. These non-fecal, motile colonies may interfere with the blue color produced by the fecal colonies	4
06/06/2000	FCMF	00239808	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
06/06/2000	FCMF	00239809	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	9
06/06/2000	TSS	00239800	OK	Duplicate samples were within their acceptance windows of +/-20% with the exception of TSS. This is a non-indicator in this case, because the results are so close to the practical method determination limit of 4 mg/l.	0
06/06/2000	TSS	00239800	OK	"U" signifies the analyte was not detected at or above number indicated.	0
06/06/2000	TSS	00239805	OK	"U" signifies the analyte was not detected at or above number indicated.	5
06/20/2000	TSS	00259803	OK	"U" signifies the analyte was not detected at or above number indicated.	3
07/11/2000	FCMF	00289805	OK	"J" - sample had spreader colonies on the plate. These non-fecal, motile colonies may interfere with the blue color produced by the fecal colonies; therefore, the true results may be greater than or equal to the reported results.	5
07/11/2000	TSS	00289800	OK	"U" qualification indicates the analyte was not detected at or above the reporting limit.	0
07/11/2000	TSS	00289803	OK	"U" qualification indicates the analyte was not detected at or above the reporting limit.	3
07/11/2000	TSS	00289804	OK	"U" qualification indicates the analyte was not detected at or above the reporting limit.	4
08/15/2000	TSS	00339803	OK	"U" signifies the analyte was not detected at or above number indicated.	3
08/15/2000	TSS	00339804	OK	"U" signifies the analyte was not detected at or above number indicated.	4
08/15/2000	TSS	00339805	OK	"U" signifies the analyte was not detected at or above number indicated.	5
09/06/2000	FCMF	00369800	OK	"J" qualifier indicates the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	0

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
09/06/2000	FCMF	00369804	OK	"J" qualifier indicates the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	4
09/06/2000	TSS	00369800	OK	"U" designation indicates that the analyte was not found at or above the reported value.	0
09/06/2000	TSS	00369803	OK	"U" designation indicates that the analyte was not found at or above the reported value.	3
09/06/2000	TSS	00369804	OK	"U" designation indicates that the analyte was not found at or above the reported value.	4
09/06/2000	TSS	00369805	OK	"U" designation indicates that the analyte was not found at or above the reported value.	5
09/20/2000	TSS	00389803	OK	"U" designation indicates that the analyte was not found at or above the reported value.	3
09/20/2000	TSS	00389805	OK	"U" designation indicates that the analyte was not found at or above the reported value.	5
10/03/2000	TURB	00409803	OK	"U" designation indicates that the analyte was not found at or above the reported value.	3
10/03/2000	TSS	00409800	OK	"U" designation indicates that the analyte was not found at or above the reported value.	0
10/03/2000	TSS	00409803	OK	"U" designation indicates that the analyte was not found at or above the reported value.	3
10/03/2000	TSS	00409804	OK	"U" designation indicates that the analyte was not found at or above the reported value.	4
10/03/2000	TSS	00409805	OK	"U" designation indicates that the analyte was not found at or above the reported value.	5
10/10/2000	TSS	00419804	OK	"U" designation indicates that the analyte was not found at or above the reported value.	4
10/10/2000	TSS	00419805	OK	"U" designation indicates that the analyte was not found at or above the reported value.	5
10/17/2000	FCMF	00429800	OK	The duplicate sample (lab split) for fecal coliforms was outside the RPD (Relative Percent Difference) of 40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
10/17/2000	TSS	00429800	OK	"U" designation indicates that the analyte was not found at or above the reported value.	0
10/17/2000	TSS	00429802	OK	"U" designation indicates that the analyte was not found at or above the reported value.	2
10/17/2000	TSS	00429803	OK	"U" designation indicates that the analyte was not found at or above the reported value.	3
10/17/2000	TSS	00429804	OK	"U" designation indicates that the analyte was not found at or above the reported value.	4
10/17/2000	TURB	00429803	OK	"U" designation indicates that the analyte was not found at or above the reported value.	3
10/24/2000	FCMF	00439804	OK	"J" There were background colonies on the plates. These non-fecal colonies may interfere with wth blue color produced by the fecal colonies; therefore, the "true" values may be greater than or equal to the reported results.	4
10/24/2000	FCMF	00429809	OK	"J" There were background colonies on the plates. These non-fecal colonies may interfere with wth blue color produced by the fecal colonies; therefore, the "true" values may be greater than or equal to the reported results.	4
10/24/2000	TSS	00439800	OK	"U" designation indicates that the analyte was not found at or above the reported value.	0
10/24/2000	TSS	00439803	OK	"U" designation indicates that the analyte was not found at or above the reported value.	3
10/24/2000	TSS	00439804	OK	"U" designation indicates that the analyte was not found at or above the reported value.	4
10/24/2000	TSS	00439805	OK	"U" designation indicates that the analyte was not found at or above the reported value.	5
10/31/2000	FCMF	00449804	OK	"J" There were high background colonies on the plates. These non-fecal colonies may interfere with wth blue color produced by the fecal colonies; therefore, the "true" values may be greater than or equal to the reported results.	4
10/31/2000	ENTMF	00449804	OK	"J" There were high background colonies on the plates. These non-fecal colonies may interfere with wth blue color produced by the fecal colonies; therefore, the "true" values may be greater than or equal to the reported results.	4
11/07/2000	ENTMF	00459800	OK	The duplicate sample (lab split) for fecal coliforms was outside the RPD (Relative Percent Difference) of 40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reactions, temperature, and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
11/07/2000	FCMF	00459804		24 hr exceeded; 30 hr not exceeded	4

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
11/07/2000	FCMF	00459804	24 hr exceeded; 30 hr not exceeded		4
11/07/2000	ENTMF	00459802	24 hr exceeded; 30 hr not exceeded	"J" Sample was analyzed after the 24 hour holding time. But within 30 hours.	2
11/07/2000	FCMF	00459802	24 hr exceeded; 30 hr not exceeded	"J" Sample was analyzed after the 24 hour holding time. But within 30 hours.	2
11/14/2000	FCMF	00469802	24 hr exceeded; 30 hr not exceeded	"J" Sample was analyzed after the 24 hour holding time. (but within 30 hrs per discussion w/ Nancy Jensen)	2
11/14/2000	FCMF	00469806	24 hr exceeded; 30 hr not exceeded	"J" Sample was analyzed after the 24 hour holding time. (but within 30 hrs per discussion w/ Nancy Jensen)	6
11/14/2000	ENTMF	00469802	24 hr exceeded; 30 hr not exceeded	"J" Sample was analyzed after the 24 hour holding time. (but within 30 hrs per discussion w/ Nancy Jensen)	2
11/14/2000	ENTMF	00469806	24 hr exceeded; 30 hr not exceeded	"J" Sample was analyzed after the 24 hour holding time. (but within 30 hrs per discussion w/ Nancy Jensen)	6
11/28/2000	FCMF	00489806	24 hr exceeded; 30 hr not exceeded	"J" This sample was received 24 hours after collection.	6
11/28/2000	ENTMF	00489806	24 hr exceeded; 30 hr not exceeded	"J" This sample was received 24 hours after collection.	6
11/28/2000	TSS	00489807	OK	Results do not correlate well. The sample was rechecked and found to have a low TSS compared to the Turbidity. Whatever suspension in the sample caused the turbidness was fine enough to pass through the filter leaving very little residue on the filter. 'Correlation of turbidity with the weight concentration of suspended matter is difficult because the size, shape, and refractive index of the particulates also affect the loght- scattering properties of the suspension' Standard methods: 18th Edition	7
11/28/2000	Turbidity	00489807	OK	Results do not correlate well. The sample was rechecked and found to have a low TSS compared to the Turbidity. Whatever suspension in the sample caused the turbidness was fine enough to pass through the filter leaving very little residue on the filter. 'Correlation of turbidity with the weight concentration of suspended matter is difficult because the size, shape, and refractive index of the particulates also affect the loght- scattering properties of the suspension' Standard methods: 18th Edition	7
12/05/2000	FCMF	00499804	Exceeded	"J" Sample was received 24 hours after collection. Sample also had a high background count. It is an estimated count due to the possibility of the non-fecal colonies to interfere with wth blue color produced by the fecal colonies; therefore, the "true" values may be greater than or equal to the reported results.	4
12/05/2000	FCMF	00499807	Exceeded	J Sample was received 24 hours after collection.	7

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
12/05/2000	FCMF	00499808	Exceeded	J Sample was received 24 hours after collection. Estimated due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
12/05/2000	TSS	00499807	Exceeded	Results do not correlate well. The sample was rechecked and found to have a low TSS compared to the Turbidity. Whatever suspension in the sample caused the turbidness was fine enough to pass through the filter leaving very little residue on the filter. 'Correlation of turbidity with the weight and partivle number concentration of suspended matter is difficult because the size, shape, and refractive index of the particulates also affect the loght- scattering properties of the suspension' Standard methods: 20th Edition	7
12/05/2000	Turbidity	00499807	Exceeded	Results do not correlate well. The sample was rechecked and found to have a low TSS compared to the Turbidity. Whatever suspension in the sample caused the turbidness was fine enough to pass through the filter leaving very little residue on the filter. 'Correlation of turbidity with the weight and partivle number concentration of suspended matter is difficult because the size, shape, and refractive index of the particulates also affect the loght- scattering properties of the suspension' Standard methods: 20th Edition	7
12/12/2000	FCMF	00509804	OK	The "U" qualification indicates that the analyte was not detected at or above the reporting limit.	4
12/12/2000	ENTMF	00509805	OK	The "U" qualification indicates that the analyte was not detected at or above the reporting limit.	5
12/12/2000	TSS	00509805	OK	The "U" qualification indicates that the analyte was not detected at or above the reporting limit.	5
12/19/2000	TSS	00519807	OK	Turbidity appears to be higher than the TSS might indicate however this correclation is within expected range. 'Correlation of turbidity with the weight and partivle number concentration of suspended matter is difficult because the size, shape, and refractive index of the particulates also affect the loght- scattering properties of the suspension' Standard methods: 20th Edition	7
12/19/2000	Turbidity	00519807	OK	Turbidity appears to be higher than the TSS might indicate however this correclation is within expected range. 'Correlation of turbidity with the weight and partivle number concentration of suspended matter is difficult because the size, shape, and refractive index of the particulates also affect the loght- scattering properties of the suspension' Standard methods: 20th Edition	7
12/19/2000	Turbidity	00519808	OK	Turbidity appears to be higher than the TSS might indicate however this correclation is within expected range. 'Correlation of turbidity with the weight and partivle number concentration of suspended matter is difficult because the size, shape, and refractive index of the particulates also affect the loght- scattering properties of the suspension' Standard methods: 20th Edition	8
12/19/2000	Turbidity	00519808	OK	Turbidity appears to be higher than the TSS might indicate however this correclation is within expected range. 'Correlation of turbidity with the weight and partivle number concentration of suspended matter is difficult because the size, shape, and refractive index of the particulates also affect the loght- scattering properties of the suspension' Standard methods: 20th Edition	8
12/19/2000	FCMF	00519804	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	4
12/19/2000	FCMF	00519807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
12/19/2000	FCMF	00519808	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	8
12/19/2000	FCMF	00519809	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	9
12/19/2000	ENTMF	00519804	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	4
12/19/2000	ENTMF	00519807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
12/19/2000	ENTMF	00519808	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	8
12/19/2000	ENTMF	00519809	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	9
12/19/2000	Duplicate	00519800	OK	QNS Quantity Not Sufficient	0
12/26/2000	ENTMF	00529800	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	0
01/02/2001	FCMF	01019800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
01/02/2001	FCMF	01019804	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	4
01/02/2001	FCMF	01019807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
01/02/2001	FCMF	01019809	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	9
01/02/2001	ENTMF	01019800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
01/02/2001	ENTMF	01019804	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	4

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
01/02/2001	ENTMF	01019807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
01/02/2001	ENTMF	01019809	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	9
01/09/2001	FCMF	01029801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
01/09/2001	FCMF	01029802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
01/09/2001	ENTMF	01029801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
01/09/2001	ENTMF	01029802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
01/09/2001	TSS	01029804	OK	The "U" qualification indicates that the analyte was not detected at or above the reporting limit.	4
01/09/2001	ENTMF	01029803	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	3
01/16/2001	TSS	01039807	OK	TSS and Turbidity result correlated poorly. Small amounts of sand were observed in the turbidity sample which were not present in the TSS aliquot. This would explain the higher relative turbidity result.	7
01/23/2001	FCMF	01049800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
01/23/2001	FCMF	01049801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
01/23/2001	FCMF	01049802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
01/23/2001	FCMF	01049803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
01/23/2001	FCMF	01049806	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	6
01/23/2001	ENTMF	01049800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
01/23/2001	ENTMF	01049801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
01/23/2001	ENTMF	01049802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
01/23/2001	ENTMF	01049803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
01/23/2001	ENTMF	01049806	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	6
01/31/2001	FCMF	01059808	Ok	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
01/31/2001	FCMF	01059809	Ok	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	9
02/07/2001	FCMF	01069801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
02/07/2001	FCMF	01069802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
02/07/2001	ENTMF	01069801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
02/07/2001	ENTMF	01069802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
02/21/2001	TSS	01089807	OK	Poor Coorelation 'Correlation of turbidity with the weight and partivle number concentration of suspended matter is difficult because the size, shape, and refractive index of the particulates also affect the loght- scattering properties of the suspension' Standard methods: 20th Edition	7
02/21/2001	Turbidity	01089808	OK	Poor Coorelation 'Correlation of turbidity with the weight and partivle number concentration of suspended matter is difficult because the size, shape, and refractive index of the particulates also affect the loght- scattering properties of the suspension' Standard methods: 20th Edition	8
02/21/2001	FCMF	01089800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
02/21/2001	FCMF	01089802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
02/21/2001	ENTMF	01089800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
02/21/2001	ENTMF	01089802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
02/28/2001	ENTMF	01099801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
02/28/2001	FCMF	01099801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
03/13/2001	FCMF	01119801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
03/13/2001	FCMF	01119802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
03/13/2001	ENTMF	01119801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
03/13/2001	ENTMF	01119802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
03/21/2001	FCMF	01129801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
03/21/2001	FCMF	01129802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
03/21/2001	ENTMF	01129801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
03/21/2001	ENTMF	01129802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
03/28/2001	ENTMF	01139800	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	0
03/28/2001	ENTMF	01139804	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	4
03/28/2001	ENTMF	01139807	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	7
03/28/2001	ENTMF	01139808	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
03/28/2001	ENTMF	01139809	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	9
03/28/2001	FCMF	01139804	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	4
03/28/2001	FCMF	01139808	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
03/28/2001	FCMF	01139809	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	9
04/04/2001	FCMF	01149801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
04/04/2001	FCMF	01149802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
04/04/2001	ENTMF	01149801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
04/04/2001	ENTMF	01149802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
04/18/2001	ENTMF	01169801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
04/18/2001	ENTMF	01169802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
04/18/2001	FCMF	01169801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
04/18/2001	FCMF	01169802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
04/18/2001	FCMF	01169808	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	8
04/18/2001	ENTMF	01169809	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	9
05/02/2001	FCMF	01189800	OK	"J" - sample had spreader colonies on the plate. These non-fecal, motile colonies may interfere with the blue color produced by the fecal colonies; therefore, the true results may be greater than or equal to the reported results.	0
05/02/2001	FCMF	01189804	OK	"J" - sample had spreader colonies on the plate. These non-fecal, motile colonies may interfere with the blue color produced by the fecal colonies; therefore, the true results may be greater than or equal to the reported results.	4
05/02/2001	FCMF	01189807	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	7

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
05/02/2001	ENTMF	01189800	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	0
05/02/2001	ENTMF	01189804	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	4
05/02/2001	ENTMF	01189807	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	7
05/09/2001	ENTMF	01199807	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	7
05/22/2001	FCMF	01219800	OK	The duplicate sample for fecal coliforms was outside the RPD (Relative Percent Difference) limit of 40%. The result is a non-indicator since it is so close to the detection limit.	0
06/05/2001	FCMF	01239800	OK	"J" There were many background colonies on the plates. These non-fecal and non-motile colonies may interfere with blue color produced by the fecal colonies; therefore, the "true" values may be greater than or equal to the reported results.	0
06/05/2001	FCMF	01239801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
06/05/2001	FCMF	01239802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
06/05/2001	ENTMF	01239801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
06/05/2001	ENTMF	01239802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
06/11/2001	FCMF	01249800	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	0
06/11/2001	FCMF	01249804	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	4
06/11/2001	FCMF	01249805	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	5
06/11/2001	ENTMF	01249803	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	3
06/11/2001	ENTMF	01249804	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	4
06/19/2001	ENTMF	01259800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
06/19/2001	ENTMF	01259801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
06/19/2001	ENTMF	01259802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
06/19/2001	FCMF	01259800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
06/19/2001	FCMF	01259801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
06/19/2001	FCMF	01259802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
07/17/2001	TSS	01299803	OK	"U" = detection limit; no lab data summary definition given	3
07/17/2001	TSS	01299804	OK	"U" = detection limit; no lab data summary definition given	4
07/17/2001	TSS	01299805	OK	"U" = detection limit; no lab data summary definition given	5
07/17/2001	ENTMF	01299800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
07/17/2001	ENTMF	01299802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
07/17/2001	ENTMF	01299803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
07/17/2001	FCMF	01299800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
07/17/2001	FCMF	01299802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
07/17/2001	FCMF	01299803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
08/14/2001	TSS	01339800	OK	"U" qualification indicates that the analyte result is less than the reporting limit	0
08/14/2001	TSS	01339803	OK	"U" qualification indicates that the analyte result is less than the reporting limit	3
08/14/2001	TSS	01339805	OK	"U" qualification indicates that the analyte result is less than the reporting limit	5
08/14/2001	Turbidity	01339800	OK	"U" qualification indicates that the analyte result is less than the reporting limit	0
08/14/2001	FCMF	01339802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
08/14/2001	FCMF	01339803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
08/14/2001	ENTMF	01339802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
08/14/2001	ENTMF	01339803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
08/22/2001	FCMF	01349800	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	0
08/22/2001	FCMF	01349801	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	1
08/22/2001	FCMF	01349802	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	2
08/22/2001	FCMF	01349803	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	3
08/22/2001	ENTMF	01349805	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	5
08/22/2001	ENTMF	01349806	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	6
08/22/2001	ENTMF	01349806	OK	"J" When filtering the samples we ran out of enterococci media and borrowed three plates from EPA's stock. Their media doesn't have as intense color as ours and doesn't seem to enumerate the colonies as well as ours. Since all fecal and other enterococci results were high we decided to "J" this result since the enumeration on the plates was so low. The "true" value may be greater than or equal to the reported result.	6
08/22/2001	ENTMF	01349809	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	9
09/04/2001	TSS	01369803	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
09/04/2001	TSS	01369800	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
09/18/2001	FCMF	01389805	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	5
09/18/2001	FCMF	01389802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
09/18/2001	ENTMF	01389800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
09/18/2001	ENTMF	01389802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
10/02/2001	TSS	01409800	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	0
10/02/2001	TSS	01409803	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
10/02/2001	TSS	01409804	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	4
10/02/2001	TSS	01409805	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	5
10/02/2001	Turbidity	01409800	OK	"J" The turbidity sample aliquot did not visibly compare with the TSS aliquot (the reported value was 100 mg/l). The turbidity aliquot had noticeable white flecks and a cloudy white cast. This condition was not noted in the TSS Sample for the same field ID.	0

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
10/02/2001	Turbidity	01409804	OK	"J" The turbidity sample aliquot did not visibly compare with the TSS aliquot (the reported value was 100 mg/l). The turbidity aliquot had noticeable white flecks and a cloudy white cast. This condition was not noted in the TSS Sample for the same field ID.	4
10/02/2001	Turbidity	01409803	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
10/02/2001	Turbidity	01409805	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	5
10/02/2001	ENTMF	01409802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
10/02/2001	FCMF	01409802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
10/02/2001	FCMF	01409802	Exceeded	The duplicate sample for fecal coliforms is outside the RPD (Relative Percent Difference) limit of 40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reaction, temperature and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	2
10/02/2001	Turbidity	01409800	OK	"J" The turbidity sample aliquot did not visibly compare with the TSS aliquot. The turbidity aliquot had noticeable white flecks and a cloudy white cast. This condition was not noted in the TSS Sample for the same field ID. The QA sample was visibly more turbid than the only other sample (10409804) with a high turbidity result.	0
10/16/2001	ENTMF	01429800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
10/16/2001	ENTMF	01429801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
10/16/2001	ENTMF	01429802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
10/16/2001	ENTMF	01429803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
10/16/2001	ENTMF	01429804	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	4
10/16/2001	ENTMF	01429805	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	5
10/16/2001	FCMF	01429800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
10/16/2001	FCMF	01429801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
10/16/2001	FCMF	01429802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
10/16/2001	FCMF	01429803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
10/16/2001	FCMF	01429804	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	4
10/16/2001	FCMF	01429805	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	5
10/16/2001	Turbidity	01429802	OK	"J" The turbidity sample aliquot did not visibly compare with the TSS aliquot (the reported value was 100 mg/l). The turbidity aliquot had noticeable white flecks and a cloudy white cast. This condition was not noted in the TSS Sample for the same field ID. The turbidity estimate for the TSS aliquot was ~ 4. Assumption is that the TSS sample bottle was contaminated. Regression of all MCL turbidity vs. TSS data for the project gives turbidity ~ 2, which is reported.	2
10/16/2001	Turbidity	01429803	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
10/16/2001	TSS	01429803	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
10/16/2001	TSS	01429804	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	4
10/23/2001	FCMF	01439800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
10/23/2001	FCMF	01439804	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	4
10/23/2001	FCMF	01439806	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	6
10/23/2001	FCMF	01439807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
10/23/2001	FCMF	01439808	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	8
10/23/2001	ENTMF	01439800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
10/23/2001	ENTMF	01439804	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	4
10/23/2001	ENTMF	01439806	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	6
10/23/2001	ENTMF	01439807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
10/23/2001	ENTMF	01439808	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	8

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
10/23/2001	ENTMF	01439804	Exceeded	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	4
10/31/2001	Turbidity	01449808	Ok	Sample result may be biased slightly low because of the brown color of the sample. The presence of true color (color due to dissolved substances which absorb light) will cause turbidities to be low (negative bias).	8
10/30/2001	FCMF	01449801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
10/30/2001	FCMF	01449802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
10/30/2001	ENTMF	01449801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
10/30/2001	ENTMF	01449802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
11/13/2001	ENTMF	01469801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
11/13/2001	ENTMF	01469802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
11/13/2001	ENTMF	01469803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
11/13/2001	ENTMF	01469807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
11/13/2001	ENTMF	01469809	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	9
11/13/2001	FCMF	01469801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
11/13/2001	FCMF	01469802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
11/13/2001	FCMF	01469803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
11/13/2001	FCMF	01469807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
11/13/2001	FCMF	01469809	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	9
11/19/2001	FCMF	01479803	OK	"J" qualifier signifies there were spreader colonies on the plate. These non-fecal, motile bacteria may interfere with the blue color production of the fecal coliforms. Therefore, the "true" value may be greater than or equal to the reported value. Also the plate contained more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	3
11/19/2001	FCMF	01479806	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	6
11/19/2001	ENTMF	01479803	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	3
11/19/2001	ENTMF	01479806	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	6
11/27/2001	ENTMF	01489800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
11/27/2001	ENTMF	01489801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
11/27/2001	ENTMF	01489802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
11/27/2001	ENTMF	01489803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
11/27/2001	ENTMF	01489807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
11/27/2001	ENTMF	01489808	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	8
11/27/2001	ENTMF	01489809	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	9
11/27/2001	ENTMF	01489800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
11/27/2001	ENTMF	01489801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
11/27/2001	ENTMF	01489802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
11/27/2001	ENTMF	01489803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
11/27/2001	ENTMF	01489807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
11/27/2001	ENTMF	01489808	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	8
11/27/2001	ENTMF	01489809	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	9
12/04/2001	FCMF	01499803	OK	"J" qualifier signifies spreader organisms. These non-fecal, motile bacteria may interfere with the blue color production of the fecal coliforms. Therefore, the "true" value may be greater than or equal to the reported value.	3

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
12/11/2001	ENTMF	01509807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
12/11/2001	ENTMF	01509808	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	8
12/11/2001	FCMF	01509807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
12/11/2001	FCMF	01509808	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	8
12/11/2001	FCMF	01509805	OK	"J" There were many background colonies on the plates. These non-fecal and non-motile colonies may interfere with blue color produced by the fecal colonies; therefore, the "true" values may be greater than or equal to the reported results.	5
12/11/2001	FCMF	01509800	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	0
12/11/2001	FCMF	01509802	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	2
12/11/2001	FCMF	01509803	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	3
12/11/2001	ENTMF	01509800	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	0
12/11/2001	ENTMF	01509803	OK	"J" qualifier signifies an estimate due to the plate containing more than 150 fecal colonies. Two or more of the bacteria may land in the same place during filtration; therefore, the true results may be greater than or equal to the reported results.	3
12/18/2001	ENTMF	01519800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
12/18/2001	ENTMF	01519805	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	5
12/18/2001	FCMF	01519800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0
12/18/2001	FCMF	01519800	Exceeded	The duplicate sample for fecal coliforms is outside the RPD (Relative Percent Difference) limit of 40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reaction, temperature and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples.	0
12/18/2001	FCMF	01519805	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	5
12/27/2001	FCMF	01529808	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	8
01/02/2002	FCMF	02019800	OK	The duplicate sample for fecal coliforms is outside the RPD (Relative Percent Difference) limit of 40%. Reaction rates are controlled by several factors including the kinetics of growing and decaying microorganisms, enzyme reaction, temperature and organic catalysts. These reaction rate variables in biological analyses can produce high imprecision in duplicate samples. Also since there was insufficient sample to run a duplicate 75 mL sample, the count could have been off due to using the results of a smaller sample amount. Or the first filtering could have captured a clump of bacteria that the second filtering didn't have.	0
01/08/2002	FCMF	02029807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
01/08/2002	FCMF	02029808	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	8
01/15/2002	FCMF	02039800	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	0

Sample Date	Parameter	Site Sample ID	EPA holding times	Qualifier	Station
01/15/2002	FCMF	02039801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
01/15/2002	FCMF	02039802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
01/22/2002	TSS	02049803	OK	The "U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
01/29/2002	FCMF	02059805	OK	A "U" qualifier indicates the analyte was not detected at or above the reporting result.	5
02/12/2002	FCMF	02079801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
02/12/2002	FCMF	02079802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
02/12/2002	TSS	02079803	Ok	The "U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
02/19/2002	TSS	02089803	OK	The "U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
02/26/2002	FCMF	02099801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
02/26/2002	FCMF	02099802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
02/26/2002	TSS	02099803	OK	The "U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
03/05/2002	TSS	02109803	Ok	The "U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
03/05/2002	FCMF	02109805	OK	"U" qualifier indicates the analyte was not detected at or above the reported results.	5
03/11/2002	FCMF	02119801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
03/11/2002	FCMF	02119802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
03/11/2002	FCMF	02119803	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	3
03/20/2002	FCMF	02129801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
03/27/2002	TSS	02139803	OK	"U" qualifier indicates the analyte was not detected at or above the reported result.	3
03/27/2002	FCMF	02139805	OK	"U" qualifier indicates the analyte was not detected at or above the reported result.	5
04/02/2002	FCMF	02149803	OK	"U" qualifier indicates the analyte was not detected at or above the reported result.	3
04/02/2002	TSS	02149803	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
04/02/2002	FCMF	02149805	OK	"U" qualifier indicates the analyte was not detected at or above the reported result.	5
04/09/2002	FCMF	02159802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
04/24/2002	FCMF	02179800	OK	"U" qualifier indicates the analyte was not detected at or above the reported result.	0
04/24/2002	FCMF	02179801	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	1
04/24/2002	FCMF	02179802	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	2
04/24/2002	TSS	02179803	OK	"U" qualification indicates that the analyte was not detected at or above the reporting limit.	3
04/24/2002	FCMF	0217980(4&7)	OK	Sample bottles 1790804 and 179807 lost their tags during shipment. The samples were analyzed by the lab had no idea which tag went with which bottle. The results were reported with the REJ qualifier. Results were given on the analysis report sheet under comments. Sample results 2600 were qualified with a "J" (estimated count). There were over 150 colonies on the plate. Two or more bacteria could land in the same place during filtration; therefore the "true" value may be greater than or equal to the reported result.	(4&7)
04/30/2002	FCMF	02189804	OK	"J" There were background organisms on the plates. These non-fecal, non-motile colonies could interfere with blue color produced by the fecal coliforms; therefore, the "true" value may be greater than or equal to the reported result.	4
04/30/2002	FCMF	02189805	OK	"U" qualifier indicates the analyte was not detected at or above the reported results.	5
05/14/2002	TSS	02209803	OK	"U" qualifier signifies the analyte was not detected at or above the reporting limit	3
05/21/2002	TSS	02219800	OK	"U" qualifier signifies the analyte was not detected at or above the reporting limit	0
05/21/2002	FCMF	02219807	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	7
05/21/2002	FCMF	02219808	Exceeded	"J" Sample was analyzed over 24 hours after collection; but not over 30 hours.	8
05/28/2002	TSS	02229800	Ok	"U" qualifier signifies the analyte was not detected at or above the reporting limit	0
05/28/2002	TSS	02229803	Ok	"U" qualifier signifies the analyte was not detected at or above the reporting limit	3
05/28/2002	TSS	02229805	Ok	"U" qualifier signifies the analyte was not detected at or above the reporting limit	5
05/28/2002	FCMF	02229808	Ok	"J" qualifier signifies an estimate. In this case there were over 150 fecal colonies per plate. Two or more bacteria could land in the same place after filtration; therefore, the true value may be greater than or equal to reported results.	8
06/04/2002	TSS	02239805	OK	"U" qualifier signifies the analyte was not detected at or above the reporting limit	5
06/04/2002	FCMF	02239804	Exceeded	"J" Sample was analyzed over 24 hours after collection	4
06/04/2002	FCMF	02239805	Exceeded	"J" Sample was analyzed over 24 hours after collection	5
06/04/2002	FCMF	02239807	Exceeded	"J" Sample was analyzed over 24 hours after collection	7

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06/04/2002	FCMF	02239808	Exceeded	"J" Sample was analyzed over 24 hours after collection	8
06/11/2002	TSS	02249800	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	0
06/11/2002	TSS	02259803	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	3
06/11/2002	TSS	02269804	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	4
06/11/2002	TSS	02279805	OK	"U" qualifier signifies the analyte was not detected at or above the reported result	5