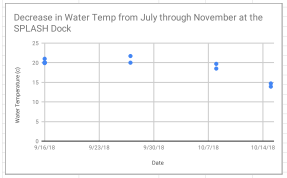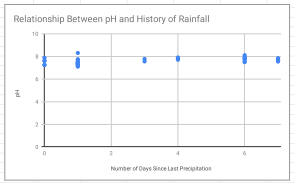Samplers	Site		Date	Time	Air Temp (°C)	Water Level	Date Last Precip	#of days since la	Current Weather	Color	DO (mg/L) trial 1	DOmg/L trial 2	DOmg/L trial 3	Water Temp (°C)	Water Temp (°C)	Water Temp (°C)	pH trial 1	pH trial 2	pH trial 3	Conductivity (us/c	Conductivity (us/c	Conductivity (us/c	TDS (trial 1)	TDS (trial 2)	TDS (trial 3)	PO4 (ppb)	NO3-N (ppm)	NH3-N (ppm)	Comments
J. Peterson		4	7/9/18	11:30		M	7/6/18	3	clear	clear	7.7	7.6		25.7	25.7		7.8	7.7		281	281					150	10	0.75	
J. Peterson	Dock		7/13/18	19:00		LIM	7/6/18	7	clear	greenish	9.8	10		27.3	27.4		8.9	8.9		300	300					100	10	0	Test strip pH=6.0-8.5
J. Peterson	Mid-River		7/13/18			LIM	7/6/18	7	clear	greenish	8.1	7.6		26	27.3		8.4	8.4		308	298					300	20		
J. Peterson	Dock		7/21/18	12:00	25.5	L	7/21/18	0	cloudy	greenish	8.4	8.3		25	25.1		8.4	8.5		272	272					150	0	0	
J. Peterson		6	7/24/18	14:40	33	H	7/23/18	1	cloudy	muddy	7.9	8.2		24.3	24.1														DO=6.5 at shoreline
J. Peterson		7	7/24/18	16:30	32		7/23/18	1	cloudy		9.4	9.9		28	25.8														
J. Peterson	Dock		7/24/18			H	7/23/18	1	cloudy	muddy							7.6			202						200	10	0	
	Dock		9/1/18	16:57	28	M	8/31/18	1	cloudy	clear	8.3			23.3			8.1			198						100	0	0	Seems like there were some equipment issues on this day
	Downstream of Sewer Treatm		9/1/18				8/31/18	1	cloudy		9.36	8.3		23.3	23.3		8.34	8.3		230									Seems like there were some equipment issues on this day
	Wing Dam		9/1/18				8/31/18	1	cloudy		8.66						8.5												Seems like there were some equipment issues on this day
	Mid River		9/5/18	19:00	36	M	8/31/18	5	Clear		11.62			26.6	26.5		9.4			221						2500	10	0	Barometric Pressure 766mgl
John Pragacz	Dock		9/15/18		36	M	9/12	3	clear		9.95			25.4	25.1		8.9			235						200	30	0.5	Not sure if date on sheet says 9/5 or 9/15, temperature is significantly higher than all other measurements taken around the same time, could he have been holding the sample in his hand for too long?
Allison, Sam, Sue	Boathouse		9/16/18	9:30	21	H	9/12/18	4	sunny, low haze	somewhat cloudy	8.74	8.74		20	20.2		7.8	7.7		167	166					0	0	0	
Allison, Sam, Sue	Dock		9/16/18	10:15	22	H	9/12	4	sunny, low haze	brown	8.92	9		19.9	19.9		7.8			161	159					50	10	0	
Allison, Sam, Sue	DS of Sewer Treatment Facil		9/16/18		22		9/12/18	4	sunny, low haze		8.92	8.88		20.1	20.5		7.9	7.9		173	174								
Allison, Sam, Sue	Swan Creek		9/16/18	11:50	22		9/12	4	sunny, low haze		8.37	8.35		21	21		7.7	7.8		579	578					200	0	0.1	DO trial 1 taken directly in stream
	Dock		9/27/18		20	M/H	9/26	1	Cloudy	brown				21.7	21.5		7.4	7.5		150	150					0	10	0	
	Mid River		9/27/18		20	M/H	9/26/18	1	Cloudy	brown	9.57			20			7.2			138						0	20	0.5	
A. Brown, E. Dallas	Alexauken Creek		10/08/18	11:30	20	H	10/02/18	6	Fog/mist	clear	8.44	8.5		19.7	19.9		8	7.9		282	282					150	0	0	
A. Brown, E. Dallas	Lewis Island		10/08/18	12:50	20	M	10/02/18	6	Fog/mist	clear	9.22	9.25		18.5	18.7		8.3	8.1		145	149					150	10	0	
E. Dallas	Boathouse		10/15/18	14:15	19	M	10/15	0	overcast, passing	clear	9.64	9.66		14.7	14.4		7.21	7.23		160	158.5			112		0	0	0	Used new PCTS starting today
E. Dallas	Dock		10/15/18	14:35	19	M	10/15/18	0	overcast, passing	clear	10.2	10.21		13.9	13.9		7.6	7.59		146.3	146.3		104	104		0	0	0	Used new PCTS starting today
E. Dallas	Swan Creek		10/15/18	15:05	19	M	10/15/18	0	overcast, passing	clear	9.65	9.66		15.4	15.3		7.61	7.62		411	412		290	290		50	0	0	Used new PCTS starting today
E. Dallas, S. Wolfe	Lewis Island Bank		10/20/18	10:10	12	M	10/20/18	0	mostly cloudy	clear	10.63	10.58		11.8	11.2		7.87	7.87		181.6	180.1		130	126		0		0	Accessed by boat; crew team passed before we sampled, churned some solids into water
E. Dallas, S. Wolfe	Lewis Island Bridge		10/20	9:55	12	M	10/20/18	0	mostly cloudy	clear	3.82	3.82					7.37	7.24		335	348		237	240		0		0	Accessed by boat
Denise, Allison	Boathouse		10/28/18		13.7	M	10/27/18	1	cloudy, cold	turbid, brown	10.94	11.11	11.21	10.6	9.8		7.43	7.36		170.9	176.6		119	125		50	0	0	
Denise, Allison	Dock		10/28/18	11:03	9	M/H	10/27/18	1	cloudy, cold	turbid, brown	11.14	11.32		9.9	9.8		7.51	7.45		188.5	184.1		135	129					
Denise, Allison	Wing Dam		10/28/18	11:31	9	M	10/27/18	1	cloudy, cold	turbid, brown	11.01	11.16		9.8	9.5		7.32	7.44		201	201		144	143		100		0.25	Water is oily slick, leaves floating on top; second grab sample looked mucky
Allison	Boathouse		11/7/18	11:58	15.8	H	11/6/18	1	partly cloudy, wir	brown	10.65	10.35		12.3	12		7.84	7.63		145.2	148.8			105		0	0	0.25	flow rate quieter
Allison	Dock		11/7/18	11:36	18	H	11/6	1	partly cloudy, wir	brown	10.8	10.64		11.7	11.9		7.78	7.75		160	157.7		112	112		0	0	0	trash piled up with leaves
Kris H, Eric C, Allison B	Alexauken Creek		11/25/18	7:45	6	H	11/24/18	1	partly cloudy	brown/muddy	10.88	12.12	12.48	5.2	6.9	5.5	7.53	7.37	7.19	135.2	126.7	126.5	89.3	89.2	89.5		0	0	0	Water is light brown, turbid, 3 tires
Kris H, Eric C, Allison B	Bald Eagle River		11/25/18	8:31	7	H	11/24	1	partly clear, parti	brown muddy	12.15	12.17	12.21	5.5	5.3	5.4	7.18	7.16	7.09	126.4	126.5	127.7	86.1	88.1	89.9		0	0	0	Light brown, slightly turbid, sample collected from side stream due to high water
Sue, Denise, Allison	Boat House		11/25/18	10:15	8	H	11/24/18	1	partly sunny	brown, muddy	12.82	12.37	12.62	5.4	5	5.2	7.29	7.29	7.24	115.8	119.7	116.7		81.1	83.6		0	0	0	trash floating
Sue, Denise, Allison	Dock		11/25/18	10:35	11	H	11/24/18	1	mostly sunny	light brown	12.54	12.44	12.65	6.1	5.5	5.2	7.3	7.27	7.32	124	131	130.8	91.1	93.7	93.3		0	0	0	organic debris along edge
Kris H, Eric C, Allison B	Lewis Bridge		11/25/18	9:27		H	11/24/18	1	partly sunny	brown muddy	12.35	12.28	12.37	5.2	5.5	5.2	7.05	7.09	7.06	118	117.7	118.4	79.7	81.3	83.6		0	0	0	turbid
Kris H, Eric C, Allison B	Lewis River		11/25/18	9:07		H	11/24/18	1	partly sunny	brown muddy	12.93	12.79	12.72	4.2	4.2	4.6	7.25	7.21	7.18	105	104.3	103.8	77.2	74.2	73.1		0	0	0	secchi disc not visible in jar
Sue, Denise, Allison	Swan Creek		11/25/18	13:10	12.22	H	11/24/18	1	sunny, low haze	clear	11.98	12.26	12.2	7.5	6.5	6.5	7.44	7.55	7.51	192.4	197.5	196.2	136	141	139		0	0	0	
Sue, Denise, Allison	Wing Dam area		11/25/18	11:06	10	H	11/24/18	1	partly sunny	light brown	12.3	12.62	12.36	6.2	4.9	5.4	7.31	7.34	7.28	133.4	132.8	131.8	95.3	94.6	94.6		0	0	0	some trash
Emily,Olga,Allison, Jean, Ma	Boathouse		12/1/18	9:47	4	M	11/28/18	3	Clear, few clouds	Clear	12.5	12.62	12.74	5.5	5.2	4.9	7.54	7.55	7.76	158.5	163.2	170.7	114	115	121		0	0	.25	lots of trash on bank, we picked up a bag full
Emily, Allison	Bald Eagle River		12/1/18	8:15	2	M	11/28/18	3	clear	Clear	12.52	12.72	12.76	5.1	4.7	4.6	7.9	7.77	7.64	178.4	169.5	168.7	127	119	120		0	0	0	lots of trash on bank, sample taken from river
Emily, Jean, Mark	Station		12/8/18	12:00	2	M	12/2/18	6	Sunny	Clear	13.07	13.12	12.95	3.2	3.1	3.2	7.68	7.74	7.76	187.7	192.2	192.2	145	148	146	0	0	0	
Emily	Lewis River		12/8/18	9:40	-1	M	12/2/18	6	Partly Cloudy	Clear	12.45	12.62	12.93	4.6	3.3	3.1	7.75	7.9	7.95	203	201	199.6	136	139	146	0	0	0	
Emily, Jean, Mark	Alexauken Creek		12/8/18	10:50	0	M	12/2/18	6	Clear, few flurries	Clear	13.1	13.12	13.01	2.2	2.4	2.6	7.56	7.54	7.51	180.6	176	276	126	213	218	0	0	0	Fourth conductivity sample: 286
Emily, Jean, Mark	Bald Eagle River		12/8/18	11:30	0	M	12/2/18	6	Sunny	clear	12.92	13.04	13.12	3	2.7	2.6	7.74	7.74	7.66	203	201	199.6	156	153	155	0	0	0	Lots of plastic drink bottles
Emily, Jean, Mark	Lewis Bridge		12/8/18	10:05	-1	M	12/2/18	6	Partly cloudy, few	clear	11.9	12	11.76	3	3	3	7.41	7.49	7.47	230	233	236	164	162	65	0	0	0	We did actually get a reading of "65" for TDS-that's not a typo
Sue, Denise	Boat House		12/9/18	10:00	-3	H	12/2/18	7	Cloudy	clear	12.33	12.79	13.12	5.2	3.6	2.5	7.83	7.84	7.78	266	200	199.1	203	154	153	0	0	0	
Sue, Denise	Dock		12/9/18	10:35	-2	H	12/2/18	7	Cloudy	Clear	13.17	13.14	13.15	2.3	2.2	2.4	8.21	7.54	7.54	200	202	201	154	155	154	0	0	0	
Sue, Denise	Wing Dam		12/9/18	11:05	-2	H	12/2/18	7	Cloudy	Clear	13.07	13.12	13.13	2.6	2.6	2.6	7.69	7.69	7.67	212	209	211	161	161	162	0	0	0	
Sue, Denise	Swan Creek		12/9/18	11:40	0	L	12/2/18	7	Cloudy	Clear	13.03	13.12	13.13	2.7	2.6	2.6	7.72	7.67	7.63	384	381	382	314	312	312	0	0	0