

Plum Creek River Mile 2.84					
Sample Date	Parameter	Code	Result	Units	Method
8/8/2019 10:10	*CaCO3		208	mg/LCaCO3	EPA200.7
7/24/2019 10:36	*CaCO3		103	mg/LCaCO3	EPA200.8
7/31/2019 10:15	*CaCO3		241	mg/LCaCO3	EPA200.8
8/8/2019 10:10	*CaCO3		194	mg/LCaCO3	EPA200.8
8/14/2019 11:00	*CaCO3		214	mg/LCaCO3	EPA200.8
8/21/2019 11:00	*CaCO3		189	mg/LCaCO3	EPA200.8
7/24/2019 10:36	Ag	<	0.059	ug/L	EPA200.8
7/31/2019 10:15	Ag	<	0.142	ug/L	EPA200.8
8/8/2019 10:10	Ag	<	0.142	ug/L	EPA200.8
8/14/2019 11:00	Ag	<	0.142	ug/L	EPA200.8
8/21/2019 11:00	Ag	<	0.142	ug/L	EPA200.8
7/31/2019 10:15	Al		136.8	ug/L	EPA200.8
8/8/2019 10:10	Al		81.01	ug/L	EPA200.8
8/14/2019 11:00	Al		609.8	ug/L	EPA200.8
8/21/2019 11:00	Al		139.1	ug/L	EPA200.8
7/24/2019 10:36	Alkalinity		86.3	mg/LCaCO3	EPA310.2
7/31/2019 10:15	Alkalinity		211	mg/LCaCO3	EPA310.2
8/8/2019 10:10	Alkalinity		153.95	mg/LCaCO3	EPA310.2
8/14/2019 11:00	Alkalinity		175.1	mg/LCaCO3	EPA310.2
8/21/2019 11:00	Alkalinity		170.2	mg/LCaCO3	EPA310.2
7/24/2019 10:36	As	j	2.5	ug/L	EPA200.8
7/31/2019 10:15	As	j	1.853	ug/L	EPA200.8
8/8/2019 10:10	As	j	2.146	ug/L	EPA200.8
8/14/2019 11:00	As	j	2.841	ug/L	EPA200.8
8/21/2019 11:00	As	j	2.332	ug/L	EPA200.8
7/24/2019 10:36	Ba		25.7	ug/L	EPA200.8
7/31/2019 10:15	Ba		34.43	ug/L	EPA200.8
8/8/2019 10:10	Ba		29.785	ug/L	EPA200.8
8/14/2019 11:00	Ba		41.43	ug/L	EPA200.8
8/21/2019 11:00	Ba		32.25	ug/L	EPA200.8
7/24/2019 10:36	Be	<	0.071	ug/L	EPA200.8
7/31/2019 10:15	Be	<	0.094	ug/L	EPA200.8
8/8/2019 10:10	Be	<	0.094	ug/L	EPA200.8
8/14/2019 11:00	Be	<	0.094	ug/L	EPA200.8
8/21/2019 11:00	Be	<	0.094	ug/L	EPA200.8
7/24/2019 10:36	BOD		2.5	mg/L	SM5210 B
7/31/2019 10:15	BOD	<	2	mg/L	SM5210 B
8/8/2019 10:10	BOD	<	2	mg/L	SM5210 B

Plum Creek River Mile 2.84					
Sample Date	Parameter	Code	Result	Units	Method
8/14/2019 11:00	BOD	<	2	mg/L	SM5210 B
8/21/2019 11:00	BOD		2	mg/L	SM5210 B
8/8/2019 10:10	Ca		59910	ug/L	EPA200.7
7/24/2019 10:36	Ca		31150	ug/L	EPA200.8
7/31/2019 10:15	Ca		69310	ug/L	EPA200.8
8/8/2019 10:10	Ca		55575	ug/L	EPA200.8
8/14/2019 11:00	Ca		62670	ug/L	EPA200.8
8/21/2019 11:00	Ca		53240	ug/L	EPA200.8
7/24/2019 10:36	Cd	<	0.079	ug/L	EPA200.8
7/31/2019 10:15	Cd	<	0.086	ug/L	EPA200.8
8/8/2019 10:10	Cd	<	0.086	ug/L	EPA200.8
8/14/2019 11:00	Cd	<	0.086	ug/L	EPA200.8
8/21/2019 11:00	Cd	<	0.086	ug/L	EPA200.8
7/24/2019 10:36	Co		1.083	ug/L	EPA200.8
7/31/2019 10:15	Co	j	0.422	ug/L	EPA200.8
8/8/2019 10:10	Co	j	0.3315	ug/L	EPA200.8
8/14/2019 11:00	Co		1.068	ug/L	EPA200.8
8/21/2019 11:00	Co	j	0.424	ug/L	EPA200.8
7/24/2019 10:36	COD		31.5	mg/L	EPA410.4
7/31/2019 10:15	COD	j	18.4	mg/L	EPA410.4
8/8/2019 10:10	COD		23.6	mg/L	EPA410.4
8/14/2019 11:00	COD		29.1	mg/L	EPA410.4
8/21/2019 11:00	COD		27	mg/L	EPA410.4
7/24/2019 10:36	Cr	j	1.713	ug/L	EPA200.8
7/31/2019 10:15	Cr	<	0.616	ug/L	EPA200.8
8/8/2019 10:10	Cr	<	0.616	ug/L	EPA200.8
8/14/2019 11:00	Cr	j	1.113	ug/L	EPA200.8
8/21/2019 11:00	Cr	<	0.616	ug/L	EPA200.8
7/24/2019 10:36	Cu		4.811	ug/L	EPA200.8
7/31/2019 10:15	Cu		2.715	ug/L	EPA200.8
8/8/2019 10:10	Cu		2.773	ug/L	EPA200.8
8/14/2019 11:00	Cu		4.182	ug/L	EPA200.8
8/21/2019 11:00	Cu		2.997	ug/L	EPA200.8
7/24/2019 10:36	DRPhos		0.057	mg/L	EPA365.1
7/31/2019 10:15	DRPhos		0.078	mg/L	EPA365.1
8/8/2019 10:10	DRPhos		0.073	mg/L	EPA365.1
8/14/2019 11:00	DRPhos		0.07	mg/L	EPA365.1
8/21/2019 11:00	DRPhos		0.099	mg/L	EPA365.1

Plum Creek  
River Mile 2.84

Sample Date	Parameter	Code	Result	Units	Method
7/24/2019 10:36	E. coli		7430	MPN/100 mL	SM9223 Colilert
7/31/2019 10:15	E. coli		980	MPN/100 mL	SM9223 Colilert
8/8/2019 10:10	E. coli		629	MPN/100 mL	SM9223 Colilert
8/14/2019 11:00	E. coli		1820	MPN/100 mL	SM9223 Colilert
8/21/2019 11:00	E. coli		710	MPN/100 mL	SM9223 Colilert
7/24/2019 10:36	Fe		2509	ug/L	EPA200.8
7/31/2019 10:15	Fe		696.5	ug/L	EPA200.8
8/8/2019 10:10	Fe		564.15	ug/L	EPA200.8
8/14/2019 11:00	Fe		1699	ug/L	EPA200.8
8/21/2019 11:00	Fe		747.8	ug/L	EPA200.8
7/24/2019 10:36	Field Cond		323	umhos/cm	SM 2510A
7/31/2019 10:15	Field Cond		677	umhos/cm	SM 2510A
8/8/2019 10:10	Field Cond		545	umhos/cm	SM 2510A
8/14/2019 11:00	Field Cond		622	umhos/cm	SM 2510A
8/21/2019 11:00	Field Cond		634	umhos/cm	SM 2510A
7/24/2019 10:36	Field Spec Cond		362	umhos/cm	SM 2510B
7/31/2019 10:15	Field Spec Cond		729	umhos/cm	SM 2510B
8/8/2019 10:10	Field Spec Cond		598	umhos/cm	SM 2510B
8/14/2019 11:00	Field Spec Cond		691	umhos/cm	SM 2510B
8/21/2019 11:00	Field Spec Cond		673	umhos/cm	SM 2510B
7/24/2019 10:36	Field DO		7.5	mg/L	SM 4500-0 G
7/31/2019 10:15	Field DO		6.5	mg/L	SM 4500-0 G
8/8/2019 10:10	Field DO		6.78	mg/L	SM 4500-0 G
8/14/2019 11:00	Field DO		6.8	mg/L	SM 4500-0 G
8/21/2019 11:00	Field DO		6.2	mg/L	SM 4500-0 G
7/24/2019 10:36	Field DO		82	%	
7/31/2019 10:15	Field DO		73	%	
8/8/2019 10:10	Field DO		75.2	%	
8/14/2019 11:00	Field DO		74	%	
8/21/2019 11:00	Field DO		71	%	
7/24/2019 10:36	Field Temp		19.4	C	EPA 170.1
7/31/2019 10:15	Field Temp		21.2	C	EPA 170.1
8/8/2019 10:10	Field Temp		20.4	C	EPA 170.1
8/14/2019 11:00	Field Temp		19.8	C	EPA 170.1
8/21/2019 11:00	Field Temp		21.9	C	EPA 170.1
7/24/2019 10:36	Hg	<	0.022	ug/L	EPA245.1
7/31/2019 10:15	Hg	<	0.022	ug/L	EPA245.1
8/8/2019 10:10	Hg	<	0.022	ug/L	EPA245.1

Plum Creek River Mile 2.84					
Sample Date	Parameter	Code	Result	Units	Method
8/14/2019 11:00	Hg	<	0.022	ug/L	EPA245.1
8/21/2019 11:00	Hg	<	0.022	ug/L	EPA245.1
7/24/2019 10:36	K		3272	ug/L	EPA200.8
7/31/2019 10:15	K		3993	ug/L	EPA200.8
8/8/2019 10:10	K		4614.5	ug/L	EPA200.8
8/14/2019 11:00	K		3703	ug/L	EPA200.8
8/21/2019 11:00	K		4450	ug/L	EPA200.8
8/8/2019 10:10	Mg		14170	ug/L	EPA200.7
7/24/2019 10:36	Mg		6130	ug/L	EPA200.8
7/31/2019 10:15	Mg		16540	ug/L	EPA200.8
8/8/2019 10:10	Mg		13440	ug/L	EPA200.8
8/14/2019 11:00	Mg		13900	ug/L	EPA200.8
8/21/2019 11:00	Mg		13610	ug/L	EPA200.8
7/24/2019 10:36	Mn		87.07	ug/L	EPA200.8
7/31/2019 10:15	Mn		98.39	ug/L	EPA200.8
8/8/2019 10:10	Mn		68.245	ug/L	EPA200.8
8/14/2019 11:00	Mn		468	ug/L	EPA200.8
8/21/2019 11:00	Mn		106.5	ug/L	EPA200.8
7/24/2019 10:36	Mo		1.847	ug/L	EPA200.8
7/31/2019 10:15	Mo		3.077	ug/L	EPA200.8
8/8/2019 10:10	Mo		3.3	ug/L	EPA200.8
8/14/2019 11:00	Mo		2.67	ug/L	EPA200.8
8/21/2019 11:00	Mo		3.804	ug/L	EPA200.8
7/24/2019 10:36	Na		24190	ug/L	EPA200.7
7/24/2019 10:36	Na		22760	ug/L	EPA200.8
7/31/2019 10:15	Na		35610	ug/L	EPA200.8
8/8/2019 10:10	Na		38630	ug/L	EPA200.8
8/14/2019 11:00	Na		34350	ug/L	EPA200.8
8/21/2019 11:00	Na		40350	ug/L	EPA200.8
7/24/2019 10:36	NH3		0.066	mg/L	EPA350.1
7/31/2019 10:15	NH3	j	0.031	mg/L	EPA350.1
8/8/2019 10:10	NH3	j	0.0325	mg/L	EPA350.1
8/14/2019 11:00	NH3		0.047	mg/L	EPA350.1
8/21/2019 11:00	NH3		0.05	mg/L	EPA350.1
7/24/2019 10:36	Ni		4.14	ug/L	EPA200.8
7/31/2019 10:15	Ni	j	3.363	ug/L	EPA200.8
8/8/2019 10:10	Ni	j	3.017	ug/L	EPA200.8

Plum Creek River Mile 2.84					
Sample Date	Parameter	Code	Result	Units	Method
8/14/2019 11:00	Ni		4.037	ug/L	EPA200.8
8/21/2019 11:00	Ni	j	3.246	ug/L	EPA200.8
7/24/2019 10:36	NO3-NO2		1.401	mg/L	EPA353.2
7/31/2019 10:15	NO3-NO2		0.753	mg/L	EPA353.2
8/8/2019 10:10	NO3-NO2		0.636	mg/L	EPA353.2
8/14/2019 11:00	NO3-NO2		0.612	mg/L	EPA353.2
8/21/2019 11:00	NO3-NO2		0.695	mg/L	EPA353.2
7/24/2019 10:36	Pb		1.709	ug/L	EPA200.8
7/31/2019 10:15	Pb	j	0.285	ug/L	EPA200.8
8/8/2019 10:10	Pb	j	0.264	ug/L	EPA200.8
8/14/2019 11:00	Pb		1.364	ug/L	EPA200.8
8/21/2019 11:00	Pb	j	0.404	ug/L	EPA200.8
7/24/2019 10:36	pH		7.4	S.U.	
7/31/2019 10:15	pH		7.6	S.U.	
8/8/2019 10:10	pH		7.49	S.U.	
8/14/2019 11:00	pH		7.5	S.U.	
8/21/2019 11:00	pH		7.5	S.U.	
7/24/2019 10:36	Sb	<	0.377	ug/L	EPA200.8
7/31/2019 10:15	Sb	<	0.944	ug/L	EPA200.8
8/8/2019 10:10	Sb	<	0.944	ug/L	EPA200.8
8/14/2019 11:00	Sb	<	0.944	ug/L	EPA200.8
8/21/2019 11:00	Sb	<	0.944	ug/L	EPA200.8
7/24/2019 10:36	Se	<	0.571	ug/L	EPA200.8
7/31/2019 10:15	Se	<	0.808	ug/L	EPA200.8
8/8/2019 10:10	Se	<	1.136	ug/L	EPA200.8
8/14/2019 11:00	Se	j	1.463	ug/L	EPA200.8
8/21/2019 11:00	Se	j	0.939	ug/L	EPA200.8
7/24/2019 10:36	Sn	<	2.444	ug/L	EPA200.8
7/31/2019 10:15	Sn	<	11.92	ug/L	EPA200.8
8/8/2019 10:10	Sn	<	11.92	ug/L	EPA200.8
8/14/2019 11:00	Sn	<	11.92	ug/L	EPA200.8
8/21/2019 11:00	Sn	<	11.92	ug/L	EPA200.8
7/24/2019 10:36	Sr		111.51	ug/L	EPA200.8
7/31/2019 10:15	Sr		227.78	ug/L	EPA200.8
8/8/2019 10:10	Sr		194.815	ug/L	EPA200.8
8/14/2019 11:00	Sr		200.443	ug/L	EPA200.8
8/21/2019 11:00	Sr		219.557	ug/L	EPA200.8
7/24/2019 10:36	TDS		224	mg/L	SM2540 C

Plum Creek River Mile 2.84					
Sample Date	Parameter	Code	Result	Units	Method
7/31/2019 10:15	TDS		490	mg/L	SM2540 C
8/8/2019 10:10	TDS		389	mg/L	SM2540 C
8/14/2019 11:00	TDS		416	mg/L	SM2540 C
8/21/2019 11:00	TDS		384	mg/L	SM2540 C
7/24/2019 10:36	Ti		16.21	ug/L	EPA200.8
7/31/2019 10:15	Ti		3.344	ug/L	EPA200.8
8/8/2019 10:10	Ti		2.4	ug/L	EPA200.8
8/14/2019 11:00	Ti		8.434	ug/L	EPA200.8
8/21/2019 11:00	Ti		3.621	ug/L	EPA200.8
7/24/2019 10:36	TKN		0.884	mg/L	EPA351.2
7/31/2019 10:15	TKN		0.673	mg/L	EPA351.2
8/8/2019 10:10	TKN		0.8035	mg/L	EPA351.2
8/14/2019 11:00	TKN		0.853	mg/L	EPA351.2
8/21/2019 11:00	TKN		0.885	mg/L	EPA351.2
7/24/2019 10:36	TI	<	0.1	ug/L	EPA200.8
7/31/2019 10:15	TI	<	0.18	ug/L	EPA200.8
8/8/2019 10:10	TI	<	0.18	ug/L	EPA200.8
8/14/2019 11:00	TI	<	0.18	ug/L	EPA200.8
8/21/2019 11:00	TI	<	0.18	ug/L	EPA200.8
7/24/2019 10:36	TMET		22.4	ug/L	EPA200.8
7/31/2019 10:15	TMET	<	10	ug/L	EPA200.8
8/8/2019 10:10	TMET	<	10	ug/L	EPA200.8
8/14/2019 11:00	TMET		18.9	ug/L	EPA200.8
8/21/2019 11:00	TMET	<	10	ug/L	EPA200.8
7/24/2019 10:36	Total-P		0.135	mg/L	EPA365.1
7/31/2019 10:15	Total-P		0.125	mg/L	EPA365.1
8/8/2019 10:10	Total-P		0.115	mg/L	EPA365.1
8/14/2019 11:00	Total-P		0.175	mg/L	EPA365.1
8/21/2019 11:00	Total-P		0.162	mg/L	EPA365.1
7/24/2019 10:36	TS		286	mg/L	SM2540 B
7/31/2019 10:15	TS		584	mg/L	SM2540 B
8/8/2019 10:10	TS		375	mg/L	SM2540 B
8/14/2019 11:00	TS		458	mg/L	SM2540 B
8/21/2019 11:00	TS		452	mg/L	SM2540 B
7/24/2019 10:36	TSS		48.4	mg/L	SM2540 D
7/31/2019 10:15	TSS		4.2	mg/L	SM2540 D
8/8/2019 10:10	TSS		3.5	mg/L	SM2540 D
8/14/2019 11:00	TSS		22.9	mg/L	SM2540 D
8/21/2019 11:00	TSS		4.9	mg/L	SM2540 D

Plum Creek  
River Mile 2.84

Sample Date	Parameter	Code	Result	Units	Method
7/24/2019 10:36	Turbidity		75	NTU	EPA180.1
7/31/2019 10:15	Turbidity		5.9	NTU	EPA180.1
8/8/2019 10:10	Turbidity		6.175	NTU	EPA180.1
8/14/2019 11:00	Turbidity		8.61	NTU	EPA180.1
8/21/2019 11:00	Turbidity		7.2	NTU	EPA180.1
7/24/2019 10:36	V	j	2.609	ug/L	EPA200.8
7/31/2019 10:15	V	<	0.47	ug/L	EPA200.8
8/8/2019 10:10	V	<	0.47	ug/L	EPA200.8
8/14/2019 11:00	V	j	1.3	ug/L	EPA200.8
8/21/2019 11:00	V	j	0.48	ug/L	EPA200.8
7/24/2019 10:36	Zn		11.7	ug/L	EPA200.8
7/31/2019 10:15	Zn	j	2.152	ug/L	EPA200.8
8/8/2019 10:10	Zn	<	1.782	ug/L	EPA200.8
8/14/2019 11:00	Zn	j	9.605	ug/L	EPA200.8