

SLOUGHS

Site#	Year	Month	Day	Hour	Stage 2	Stage 2	Discharge	Turbidity	pH	W.Temp	Salinity	Comments
6	1997	6	17	1155	0.08	0.19	950	1.69	7.01	18.8	16.1	
6	1997	6	23	1225	0.86	0.18	950	1.51	6.92	16.7	1.3	
6	1997	7	2	1340	0.1	0.35	950	0.14	7.2	16.6	5.8	
6	1997	7	9	1230	0.08	0.25	925	0.23	6.98	17.8	4	
6	1997	7	18	1200	0.2	0.15	900	0.22	6.7	22.4	6.7	
6	1997	8	7	840 minus.13	0.1	0.925	0.07	6.96	23.7	11.5		
6	1997	8	15	800 minus.2	0.06	900	0.12	6.88	23.6	16.3		
6	1997	8	22	910 minus.27	0.02	1300	0.5	6.98	21.3	1.7		
6	1997	8	27	810 minus.24	0.03	850	0.35	6.76	18	4.3		
6	1997	9	5	820 minus.28	0.01	1200	0.27	6.85	19.5			
6	1997	9	12	815 minus.36	0.003	1200	0.63	6.84	18.7	11.9		
6	1997	9	18	730 minus.28	0.03	1250	0.15	6.8	15.9			
6	1997	10	1	1000 minus.22	0.06	1300	0.15	6.8	15.9			
6	1997	10	9	1140	0.12	0.15	900	0.13	6.35	11.3	/	
6	1997	10	30	1350	0.28	0.13	1000	0.25	6.43	10.9	/	
6	1997	11	6	1400	0.3	0.13	1000	0.15	6.65	11.3	/	
6	1997	11	13	1410	0.25	0.12	1000	0.39	6.27	8.9	/	
6	1997	11	20	1300	0.16	0.115	900	0.24	6.3	8.7	/	
6	1997	11	28	1115	0.275	0.12	1050	0.39	6.8	8.3	/	
6	1997	12	5	1320	0.34	0.14	1100	0	6.78	7	/	
6	1997	12	11	1320	0.23	0.12	1000	0.2	6.82	6.8	/	
6	1997	12	18	800	0.23	0.22	1000	0.9	6.77	5.8	/	
6	1998	1	10	1300	0.199	0.17	950	0.58	6.45	3	/	
6	1998	1	15	845	0.24	0.17	1000	0.6	6.33	3.6	/	
6	1998	1	22	1230	0.33	0.215	1150	0.2	6.42	5.2	/	
6	1998	1	29	1015	0.45	0.3	1800	0.07	6.77	5.7	/	
6	1998	2	6	900	0.35	0.19	1150	0.34	6.55	5.6	/	
6	1998	2	11	830	0.31	0.16	1050	0.14	6.73	4.8	/	
HL#29	1998	2	13	1130	0.45	0.229	1400	0.43	6.6	6.1	/	
HL#29	1998	2	20	1000	0.41	0.21	1300	0.3	6.35	6.2	/	
HL#29	1998	3	4	1000	0.3	0.16	1000	0.1	6.7	5.4	/	
HL#29	1998	3	12	1030	0.22	0.14	950	0.06	6.8	7.4	/	
HL#29	1998	3	19	1210	0.2	0.14	900	0.57	6.6	7.7	/	
HL#29	1998	3	25	915	0.21	0.14	900	0.28	6.73	8.3	/	
HL#29	1998	4	1	1045	0.17	0.13	900	0.43	6.48	7.6	/	Overcast
HL#29	1998	4	8	1045	0.13	0.11	900	0.24	6.5	9.4	/	
HL#29	1998	4	16	1130	0.12	0.09	900	0.39	6.52	11	/	Clear
HL#29	1998	4	23	1200	0.1	0.8	900	0.24	6.5	12.5	/	drizzle
HL#29	1998	4	30	1000	0.07	0.095	900	0.46	6.65	15.1	/	clear getting warm
HL#29	1998	5	7	840	0.03	0.17	900	0.37	6.72	17.6	/	overcast
HL#29	1998	5	14	750	0	0.16	500	0.28	6.8	15.1	/	rain
HL#29	1998	5	25	1300	0.4	0.19	500	0.48	6.7	15.8	/	Rain
HL#29	1998	6	4	8:00	0.4	0.19	500	0.37	6.73	20.8	/	Sunshine
HL#29	1998	6	11	820	0.01	0.17	500	0.31	6.6	18.8	/	weir not overflowing
HL#29	1998	6	18	930	-0.05	0.15	500	0.35	6.7	19	/	Raining
HL#29	1998	6	18	1130	-0.1	0.18	500	0.42	6.48	18.3	/	Raining
HL#29	1998	7	2	840	-0.13	0.15	500	0.42	6.7	24	/	Overcast Very hot
HL#29	1998	7	10	1200	-0.16	0.09	100	0.41	6.82	23.8	/	Reason for low discharge Phil had the bypass closed to do some intake work.
HL#29	1998	7	17	800	-0.15	0.08	100	0.29	6.65	19.2	/	sunny
HL#29	1998	8	7	830	-0.28	0.11	500	0.34	6.71	22.6	/	Clear
HL#29	1998	8	14	1230	-0.38	0	500	0.54	6.85	26.8	/	Sunny+hot
HL#29	1998	8	21	1215	-0.406	0	500	0.51	6.9	23.2	/	Clear
HL#29	1998	8	26	815	-0.5	0	500	0.47	6.9	21.1	/	Clear
HL#29	1998	9	4	1310	-0.558	0	500	0.3	6.75	23.8	/	Clear
HL#29	1998	9	11	1330	-0.6	0	500	0.5	6.6	19.4	/	Light Rain
HL#29	1998	9	18	800	-0.66	0	450	0.1	6.85	17.9	/	Light Rain
HL#29	1998	9	24	800	-0.7	0	450	0.04	6.83	16.9	/	Overcast+windy
HL#29	1998	10	1	1230	-0.82	0	500	0.05	7	16.7	/	Rain
HL#29	1998	10	20	1015	-0.65	0	700	0.01	6.99	10.9	/	Clear
HL#29	1998	10	28	1130	-0.68	0	700	0.15	6.54	10.6	/	Clear
HL#29	1998	11	4	1200	-0.69	0	700	0.01	6.89	11.1	/	Rain
HL#29	1998	11	12	1130	-0.65	0	700	0.02	6.9	8.7	/	Rain
HL#29	1998	11	13	1015	-0.61	0	750	0.1	6.9	8.8	/	Rain
HL#29	1998	11	27	830	0.24	0.24	1000	0.06	6.72	7.5	/	Rain
HL#29	1998	12	4	1300	0.27	0.27	950	0.4	6.6	6.8	/	Overcast
HL#29	1998	12	10	930	0.3	0.28	1000	0.21	6.62	6.5	/	Clear
HL#29	1998	12	14	900	0.54	0.41	1700	1.3	6.5	6	/	Overcast
HL#29	1998	12	23	1300	0.3	0.31	1000	1.59	6.22	4.3	/	Snowing
HL#29	1999	1	8	1400	0.2	0.22	800	0.51	6.35	4.2	/	rain
HL#29	1999	1	15	1000	0.4	0.3	1250	0.51	6.45	4.5	/	Rain
HL#29	1999	1	21	1020	0.39	0.28	1200	0.49	6.2	5.6	/	Rain
HL#29	1999	1	29	1350	0.38	0.34	1200	0.67	6.1	3.7	/	Raining
HL#29	1999	2	5	1000	0.35	0.32	1000	0.53	6.3	3.4	/	Rain windy
HL#29	1999	2	12	1130	0.33	0.32	1050	0.75	6.3	3.8	/	Rain
HL#29	1999	2	18	1030	0.38	0.33	1200	0.61	6.1	3.5	/	Overcast
HL#29	1999	2	26	1400	0.4	0.34	1300	0.81	6.12	3.7	/	Overcast
HL#29	1999	3	5	1220	0.37	0.31	1100	0.59	0	5	/	Overcast
HL#29	1999	3	11	715	0.29	0.26	1150	0.59	6.68	5	/	Clear
HL#29	1999	3	26	1045	0.386	0.28	1200	0.58	6	6	/	Overcast
HL#29	1999	4	1	1445	0.35	0.26	1000	0.91	7	7	/	Clear
HL#29	1999	4	8	1150	0.24	0.23	850	0.64	7	7	/	Overcast
HL#29	1999	4	18	1220	0.19	0.13	800	0.7	6.6	9.1	/	Clear
HL#29	1999	4	23	1315	0.195	0.26	800	0.58	6.6	10.7	/	Clear
HL#29	1999	4	30									
HL#29	1999	5	7	715	0.19	0.24	800	0.69	6.5	10	/	Overcast
HL#29	1999	5	13	1250	0.18	0.23	750	0.68	6.6	12.1	/	Overcast
HL#29	1999	5	21	845	0.22	0.26	800	0.84	6.54	12.7	/	Overcast
HL#29	1999	5	28	645	0.18	0.22	800	0.62	6.4	15.2	/	Clear
HL#29	1999	6	4	720	0.12	0.2	750	0.71	6.5	17.1	/	Rain
HL#29	1999	6	11	715	0.12	0.26	750	0.65	6.6	15.2	/	Clear
HL#29	1999	6	18	530	0.08	0.279	750	0.72	6.8	19.9	/	Overcast
HL#29	1999	6	25	700	0.1	0.28	750	0.59	6.5	18.2	/	Overcast
HL#29	1999	6	30	700	0.15	0.28	800	0.58	6.52	15.5	/	Overcast
HL#29	1999	7	9	730	0.15	0.28	750	0.59	6.52	18.4	/	Clear
HL#29	1999	7	15	700	0.09	0.22	700	0.71	6.35	19.5	/	Overcast
HL#29	1999	8	5	730	-0.08	0.1	700	0.69	5.9	23.6	/	Light Rain

HL#29	1999	8	12	1120	-0.15	0.1	700	0.71	6.22	21.9	/	Rain			
HL#29	1999	8	19	715	-0.17	0.06	700	0.64	6.05	21.8	/	overcast			
HL#29	1999	8	27	800	-0.23	0.02	650	0.65	6.01	20.4	/	Clear			
HL#29	1999	3	730	-0.28	0.02	650	0.65	6	6	18	/	Clear			
HL#29	1999	9	10	1330	-0.305	0.02	650	0.66	6.3	18.2	/	Clear			
HL#29	1999	9	17	700	-0.35	0	600	0.63	6.02	17.7	/	Overcast			
HL#29	1999	9	24	Missed this day to get Haslem back on line											
HL#29	1999	9	30	1130	0	-0.4	0	550	0.63	6.4	13.8	/	Overcast		
HL#29	1999	10	5	730	-0.455	0	800	0.58	6	14.3	/	overcast			
HL#29	1999	10	15	715	-0.48	0	800	0.68	6	11.1	/	clear			
HL#29	1999	10	29	1345	-0.5	0	750	0.66	5.44	8.7	/	Rain			
HL#29	1999	11	3	1240	-0.46	0	750	0.68	6	7.2	/	Rain			
HL#29	1999	11	15	1300	0.32	0.25	1100	0.74	5.66	9.2	/	Rain			
HL#29	1999	11	22	1108	0.32	0.25	1100	0.68	5.73	8	/	Overcast			
HL#29	1999	12	1	800	0.23	0.215	1000	0.59	5.65	7.2	/	Overcast High Water Samples			
HL#29	1999	12	7	910	0.29	0.22	1100	0.68	5.7	6.2	/	clear			
HL#29	1999	12	14	730	0.33	0.23	1150	0.63	5.9	5.7	/	light snow			
HL#29	1999	12	21	730	0.37	0.29	1200	0.59	5.95	6.1	/	overcast			
HL#29	1999	12	30	800	0.21	0.2	900	0.6	5.99	5.3	/	Overcast			
HL#29	2000	1	5	730	0.18	0.2	900	0.54	5.75	4.9	/	Clear			
HL#29	2000	1	12	1020	0.19	0.18	900	0.64	5.9	3.5	/	Snow Low Water Samples			
HL#29	2000	1	18	1200	0.21	0.185	1000	0.59	6.3	4.3	/	Clear			
HL#29	2000	1	27	1100	0.15	0.16	900	0.57	5.72	4.6	/	Overcast			
HL#29	2000	2	3	1020	0.16	0.16	900	0.98	5.75	4.6	/	Clear			
HL#29	2000	2	10	930	0.16	0.148	900	0.82	5.65	5.1	/	Fog			
HL#29	2000	2	25	715	0.11	0.25	900	0.76	5.7	5.4	/	Rain Wind			
HL#29	2000	3	3	700	0.2	0.29	1000	0.79	5.72	6.1	/	Rain Wind			
HL#29	2000	3	10	720	0.18	0.285	900	0.69	5.6	6.2	/	Clearing			
HL#29	2000	3	17	715	0.2	0.3	950	0.77	6.04	6	/	Rain Windy			
HL#29	2000	3	24	730	0.25	0.3	1000	0.7	5.9	6.3	/	Clear			
HL#29	2000	3	31	720	0.19	0.3	900	0.78	5.8	8.2	/	Overcast			
HL#29	2000	4	7	725	0.14	0.27	900	0.68	6.22	8	/	Clear			
HL#29	2000	4	18	1330	0.05	0.23	900	0.62	5.75	12.2	/	Clear			
HL#29	2000	4	27	1220	0.07	0.2	900	0.96	5.71	11	/	Rain			
HL#29	2000	5	5	720	0.12	0.22	900	0.62	0.63	10.2	/	Overcast			
HL#29	2000	5	12	730	0.11	0.215	900	0.63	5.54	11.8	/	Overcast			
HL#29	2000	5	19	720	0.07	0.22	900	0.63	0	14.9	/	Overcast			
HL#29	2000	5	26	730	0.06	0.21	800	0.71	5.86	16	/	Rain			
HL#29	2000	6	1	730	0.06	0.16	800	0.75	5.69	16	/	Rain			
HL#29	2000	6	9	730	0.05	0.2	900	0.65	5.5	18	/	Overcast			
HL#29	2000	6	14	930	0.13	0.13	900	0.78	5.31	14.6	/	Overcast			
HL#29	2000	6	19	1320	0.14	0.17	900	0.85	5.63	18.7	/	Sunny			
HL#29	2000	6	30	830	0	0.115	900	0.68	5.5	21	/	Overcast			
HL#29	2000	7	6	800	-0.05	0.1	900	0.72	5.49	17.6	/	Clear			
HL#29	2000	7	14	630	-0.13	0.07	900	0.71	6.06	20	/	Clear			
HL#29	2000	8	4	800	-0.29	0.05	850	0.84	6.31	23	/	Clear			
HL#29	2000	8	10	810	-0.36	0	800	0.81	6	22.6	/	Clear			
HL#29	2000	8	17	800	-0.44	0	700	0.73	6.19	20.5	/	Clear			
HL#29	2000	8	24	700	-0.46	0	650	0.69	5.72	21.9	/	Clear			
HL#29	2000	9	1	750	-0.5	0	500	0.69	6.73	18	/	Overcast&Rain			
HL#29	2000	9	8	740	-0.53	0	550	0.89	6.9	16.2	/	Rain			
HL#29	2000	9	15	1330	-0.58	0	550	0.64	6.45	19.4	/	overcast			
HL#29	2000	9	22	810	-0.59	0	550	0.68	6.53	16.8	/	clear			
HL#29	2000	10	2	1300	-0.61	0	550	0.71	6.51	14	/	clear			
HL#29	2000	10	13	1415	-65	0	550	0.84	6.84	13.4	/	Overcast			
HL#29	2000	10	27	1130	-0.53	0	600	0.81	6.01	11.2	/	24 Overcast			
HL#29	2000	11	1	1225	-0.39	0	600	0.71	6.25	8.8	/	32 Overcast			
HL#29	2000	11	7	840	-0.36	0	600	0.71	6.59	8.2	/	44 Overcast			
HL#29	2000	11	16	830	-0.356	0	650	0.66	6.97	5.5	/	37 Fog			
HL#29	2000	11	23	940	-0.356	0	650	1	7.31	5.9	/	119 Rain			
HL#29	2000	11	30	815	-0.305	0	650	0.78	6.88	5.2	/	21 Wind Rain			
HL#29	2000	12	6	905	-0.21	0.02	650	0.79	6.9	4.4	/	22 Clear			
HL#29	2000	12	14	730	-254	0.05	650	0.67	7.89	3.4	/	22 Snow Some one dug out the fish ladder entrance			
HL#29	2000	12	22	915	-0.2	0.065	650	0.72	6.8	3.4	/	22 rain and ice			
HL#29	2001	1	5	800	0.1	0.076	750	0.68	6.58	5.6	/	21 overcast			
HL#29	2001	1	12	800	0.15	0.076	750	0.7	6.2	4.8	/	23 Overcast			
HL#29	2001	1	19	905	0.11	0.05	700	0.72	6.25	4.1	/	21 Overcast			
HL#29	2001	1	26	905	0.1	0.076	750	0.72	6.44	4.2	/	22 Overcast			
HL#29	2001	2	1	800	0.1	0.08	800	0.69	6.46	5.3	/	22 Overcast			
HL#29	2001	2	14	900	0.09	0.08	750	0.62	5.71	4.2	/	22 Overcast			
HL#29	2001	2	21	920	0.05	0.11	800	0.58	0	4.5	/	22 Clear			
HL#29	2001	3	1	1015	0	0.09	700	0.61	0	5.5	/	22 Overcast			
HL#29	2001	3	8	1000	-0.05	0.1	700	0.62	0	7.5	/	22 Rain			
HL#29	2001	3	15	1400	0	0.1	250	0.66	0	7.7	/	22 Rain			
HL#29	2001	3	19	830	0.09	0.13	300	0.62	0	6.5	/	22 Rain			
HL#29	2001	3	22	1310	0.11	0.13	350	0.61	0	7.2	/	22 Clear			
HL#29	2001	3	28	740	0.15	0.1	400	0.85	0	6.7	/	22 Rain			
HL#29	2001	4	11	819	0.195	0.127	250	0.57	0	9.7	/	23 Overcast			
HL#29	2001	4	20	730	0.22	0.07	275	0.71	0	10.9	/	22 Clear City Raised the Weir By 6 inches			
HL#29	2001	4	27	720	0.24	0.102	275	0.65	0	12.5	/	22 Rain			
HL#29	2001	5	3	750	0.29	0.12	325	0.64	0	11.6	/	22 Overcast City Raised the Weir By 6 inches			
HL#29	2001	5	11	730	0.3	0.12	325	0.73	0	13.8	/	22 Clear			
HL#29	2001	5	17	730	0.28	0.102	325	0.76	0	13	/	22 Overcast			
HL#29	2001	5	25	700	0.25	0.1	300	0.82	0	18.3	/	22 Clear			
HL#29	2001	6	30	630	0.24	0.12	300	0.69	0	15	/	21 Rain			
HL#29	2001	6	1	645	0.24	0.127	300	0.84	0	16.6	/	21 Rain			
HL#29	2001	6	7	630	0.23	0.09	275	0.72	0	16.7	/	21 Clear			
HL#29	2001	6	15	840	0.19	0.08	250	0.76	0	18.3	/	21 Clear			
HL#29	2001	6	22	920	0.15	0.13	250	0.8	0	18.1	/	21 Clear			
HL#29	2001	6	27	2200	0.09	0.11	400	0.69	0	19.7	/	20 Rain			
HL#29	2001	7	6	1015	0.06	0.102	1200	0.85	0	21.7	/	21 Clear			
HL#29	2001	7	13	930	-0.07	0.07	1300	0.73	0	21.7	/	21 Clear			
HL#29	2001	7	30	734	-0.22	0.02	1200	0.75	0	19.3	/	21 Overcast			
HL#29	2001	8	3	933	-0.279	0.02	1300	0.75	0	18	/	21 Rain			
HL#29	2001	8	9	944	-0.279	0.05	1300	0.69	0	20.8	/	21 Clear			
HL#29	2001	8	15	1024 const.			0	1200	0.7	22.7	/	21 Clear			
HL#29	2001	8	23	733 Const			0	1100	0.87	17.7	/	21 Clear			
HL#29	2001	9	6	840 Const			0	1100	0.8	18.3	/	18 Overcast			
HL#29	2001	9	13	1300 Const			0	1000	0.81	19.1	/	23 Clear			

HL#29	2001	9	20	744	-0.6 unknown	900	0.8	17.3	22	Rain	
HL#29	2001	9	26	938	-0.6 unknown	900	0.84	17.4	22	Rain	
HL#29	2001	10	3	960	-0.65 unknown	800	0.71	14.5	22	Clear	
HL#29	2001	10	24	1400	Unknown	unknown	0.79	10.1	22	Overcast	
HL#29	2001	11	1	1215	-0.58 unknown	600	0.76	10.1	21	Overcast	
HL#29	2001	11	11	1142		600	0.91	9.1	21	Overcast	
HL#29	2001	11	30	745	-0.37 unknown	0	0.91	6.1	23	Rain	
HL#29	2001	12	7	1330		0	0.78	6	23	Overcast	
HL#29	2001	12	12	810		0	0.82	5.5	23	Rain	
HL#29	2001	12	20	1400		0	0.8	6.6	4.8	13	Clear
HL#29	2002	1	3	1025		0	0.81	6.5	5.9	14	Rain
HL#29	2002	1	10	1345		0	0.71	6.9	6.4	14	Rain
HL#29	2002	1	17	1030		0	0.72	6.7	4.8	13	Overcast
HL#29	2002	1	23	830		0	0.83	6.68	3.4	13	Snow
HL#29	2002	2	1	935	-0.24	550	0.71	6.4	3.9	13	Overcast
HL#29	2002	2	7	930	-0.18	550	0.77	6.56	4.9	14	Overcast
HL#29	2002	2	14	1000	-0.09	0	0.75	6.51	4.1	14	Clear
HL#29	2002	2	21	1055	0.03	0	0.69	6.93	5.1	13	Rain
HL#29	2002	2	27	1030	0.16	0	0.71	6.6	4.9	14	Overcast
HL#29	2002	3	7	824	0.08	0	0.67	6.72	4.1	13	Snow
HL#29	2002	3	21	1315	0.09	0	0.701	6.7	5.2	14	Overcast
HL#29	2002	3	28	1250	0.07	0	0.78	6.8	7	14	Overcast
HL#29	2002	4	5	1330	0.07	0	0.81	6.7	9.4	15	Overcast
HL#29	2002	4	11	1320	0.09	0	0.84	6.78	10.2	16	Rain
HL#29	2002	4	18	1350	0.16	0	0.78	6.7	9.9	15	Clear
HL#29	2002	4	26	1235	0.1	0	0.78	6.68	10.9	16	Rain
HL#29	2002	5	9	1400	0.04	0	0.62	6.8	14	16	Clear
HL#29	2002	5	17	1345	0.1	0	0.78	6.65	14.7	17	clear
HL#29	2002	5	24	1310	0	0	0.88	6.89	17.7	19	clear
HL#29	2002	5	30	1203	-0.01	0	0.69	6.76	16.8	18	overcast
HL#29	2002	6	5	1220	-0.03	0	0.95	6.8	18.1	22	clear
HL#29	2002	6	14	810	-0.07	0	0.87	6.8	23	22	clear
HL#29	2002	6	27	800	-0.15	0	0.79	6.8	22.2	22	light rain
HL#29	2002	7	4	915	-0.175	0	0.69	6.75	19.2	22	overcast
HL#29	2002	7	12	1135	-0.18	0	0.79	6.86	23.9	22	clear
HL#29	2002	7	19	911	-0.23	0	0.72	6.85	21.3	22	rain
HL#29	2002	8	8	815	-0.35	0	0.63	6.91	20.3	22	clear
HL#29	2002	8	15	912	0.61	0	0.75	6.85	22.4	23	clear
HL#29	2002	8	22	950	0.59	0	0.59	6.82	20.7	22	Clear
HL#29	2002	9	29	907	0.5	0	0.63	6.85	6.85	23	Clear
HL#29	2002	9	6	915	0.45	0	0.6	6.8	18.5	23	Overcast
HL#29	2002	9	19	740	0.4	0	0.59	6.88	16.5	23	Overcast
HL#29	2002	9	26	1120	0.38	0	0.72	6.82	17.2	22	Clear
HL#29	2002	10	17	1335	0.28	0	0.62	6.8	11.9	21	Clear
HL#29	2002	10	25	1200	0.25	0	0.62	6.74	10.9	21	foq
HL#29	2002	11	8	1030		0	0.95	6.7	9.8	32	rain
HL#29	2002	11	15	1300	0.44	0	0.71	6.85	9	26	oc
HL#29	2002	11	22	1020	0.64	0	0.69	6.7	10	24	oc
HL#29	2002	11	29	1245	0.64	0	0.64	6.7	5.6	23	Clear
HL#29	2002	12	5	1120	0.64	0	0.6	6.7	6.7	22	Overcast
HL#29	2002	12	12	800	0.75	0	0.5	6.1	6.7	23	Overcast
HL#29	2002	12	18	1215	1	0	0.72	6.86	5.9	29	Overcast
HL#29	2002	12	27	1222	1.19	0	0.45	6.7	5.3	27	Rain
HL#29	2003	1	3	1000	1.33	0	0.72	6.1	6.7	25	Rain
HL#29	2003	1	10	1215	1.26	0	0.23	6.56	4.8	21	Clear
HL#29	2003	1	16	954	1.19	0	0.24	6	5.4	22	Oc
HL#29	2003	1	22	1030	1.13	0	0.33	6.1	6	22	Rain
HL#29	2003	2	30	1124	1.22	0	0.38	6.3	6.2	25	Overcast
HL#29	2003	2	6	1120	1.6	0	0.31	5.82	4.6	19	Clear
HL#29	2003	2	13	1120	1.08	0	0.29	6.4	4.4	22	clear
HL#29	2003	2	19	1030	1.07	0	0.27	6.22	6.3	21	Rain
HL#29	2003	2	27	1040	1.05	0	0.41	6.32	4.7	21	Clear
HL#29	2003	3	7	1040	1.02	0	0.36	6.4	5.8	22	Snow
HL#29	2003	3	12	1250	1.105	0	0.83	6.4	7.6	22	Rain
HL#29	2003	3	28	1015	1.24	0	0.23	6.25	7.7	23	Oc
HL#29	2003	4	4	1320	1.13	0	0.32	6.54	7.8	21	Oc
HL#29	2003	4	10	1000	1.38	0	0.3	6.51	6.54	21	Oc
HL#29	2003	4	17	930	1.27	0	0.34	6.52	7.9	22	Clear
HL#29	2003	5	2	920	1.15	0	0.51	6.54	12.5	21	Clear
HL#29	2003	5	9	630	1.09	0	0.35	6.75	12.5	18	Clear
HL#29	2003	5	21	840	1.05	0	0.48	6.52	14.4	18	Rain
HL#29	2003	5	30	750	1.08	0	0.46	6.42	16.4	18	Clear
HL#29	2003	6	5	735	1.03	0	0.54	6.58	18.8	17	Clear
HL#29	2003	6	12	732	1	0	0.38	6.49	20.2	20	OC
HL#29	2003	6	19	745	0.96	0	0.35	6.72	20.6	19	Clear
HL#29	2003	7	4	745	0.9	0	0.51	6.54	20.5	20	Oc
HL#29	2003	7	10	822	0.86	0	0.34	6.46	21.3	18	Clear
HL#29	2003	8	8	744	0.65	0	0.24	6.7	22.2	20	clear
HL#29	2003	8	14	814	0.62	0	0.22	6.78	21	22	Clear
HL#29	2003	8	21	810	0.56	0	0.23	6.57	21.7	20	Clear
HL#29	2003	8	28	812	0.51	0	0.1	6.88	6.8	22	Clear
HL#29	2003	9	4	750	0.48	0	0.2	6.73	21.3	22	Clear
HL#29	2003	9	12	800	0.49	0	0.12	6.8	16.9	20	Clear
HL#29	2003	9	17	800	0.44	0	0.35	6.72	16	18	Clear
HL#29	2003	9	25	800	0.4	0	0.34	6.72	15.8	20	Clear
HL#29	2003	10	3	803	0.37	0	0.35	6.8	17.5	22	Fog
HL#29	2003	10	23	740	1.06	0	0.64	6.68	12.5	22	Clear
HL#29	2003	10	31	800	1.07	0	0.51	6.38	8.3	22	Clear
HL#29	2003	11	7	800	1	0	0.46	6.72	4.8	22	Clear
HL#29	2003	11	13	807	1	0	0.51	6.72	5.8	20	Clear
HL#29	2003	11	19	1230	1.09	0	0.39	6.65	6.7	20	Clear
HL#29	2003	11	27	914	1.08	0	0.37	6.73	6.1	22	Rain
HL#29	2003	12	5	1246	1.16	0	0.55	6.59	5.4	24	Rain
HL#29	2003	12	11	840	1.23	0	0.33	6.69	5.7	20	Rain
HL#29	2003	12	16	825	1.24	0	0.73	6.64	5.3	22	Rain
HL#29	2004	1	2	745	1.17	0	0.41	6.62	3.6	21	Snow
HL#29	2004	1	9	814	1.14	0	0.62	6.69	3.4	22	Oc
HL#29	2004	1	15	949	1.35	0	0.54	6.4	5.7	24	clear
HL#29	2004	1	23	115	1.26	0	0.41	6.6	5.3	22	Rain

Closed Bypass 8th

Recalibrated Meters with new solutions

0 On Bypass Wall

Water looks dark
Frost
Freezing

Sloughs

HL#29	2004	1	29	1100	1.19		0.7	6.65	5.7	20	Oc
HL#29	2004	2	5	1049	1.1		0.61	6.59	4.6	22	Rain
HL#29	2004	2	12	1100	1.07		0.47	6.71	4.4	22	Clear
HL#29	2004	2	18	1110	1.08		0.7	6.68	5.6	22	Oc
HL#29	2004	2	26	1100	1.02		0.67	6.49	5.9	20	Rain
HL#29	2004	3	4	1045	0.97		0.71	6.68	5.9	20	Clear
HL#29	2004	3	11	1033	1		1.09	6.52	6.8	22	Clear
HL#29	2004	3	25	1311	0.94		0.76	6.67	7.9	22	Rain
HL#29	2004	4	2	930	1		0.56	6.68	8.3	18	Clear
HL#29	2004	4	16	1155	0.9		0.56	6.7	11.9	20	Oc
HL#29	2004	4	23	1330	0.94		0.37	6.7	15	20	Rain
HL#29	2004	5	21	745	0.86		0.47	6.82	18.3	20	Oc
HL#29	2004	5	27	740	0.86		0.54	6.58	17.5	20	Oc
HL#29	2004	6	4	715	0.87		0.68	6.64	19.5	22	Clear
HL#29	2004	6	10	830	0.88		0.45	6.58	21.1	20	Oc
HL#29	2004	6	18	826	0.85		0.45	6.7	21.6	22	Clear
HL#29	2004	6	29	820	0.815		0.34	6.72	23.9	22	Oc
HL#29	2004	7	1	730	0.77		0.41	6.7	23.8	20	Clear
HL#29	2004	7	8	750	0.73		0.28	6.74	21.2	24	Oc
HL#29	2004	8	12	800	0.56		0.46	6.72	24.1	22	Clear
HL#29	2004	8	20	741	0.5		0.17	6.78	24.2	20	Clear
HL#29	2004	8	26	730	0.53		0.2	6.74	20	20	Clear
HL#29	2004	9	2	745	0.51		0.21	6.69	18.3	22	Clear
HL#29	2004	9	10	750	0.5		0.2	6.72	18.5	20	Oc
HL#29	2004	9	28	752	0.58		0.32	6.72	16.2	22	fog
HL#29	2004	12	9	820	1.27		0.3	6.72	6.7	20	Oc
HL#29	2005	1	18	1200	1.09		0.28	6.65	3.5		Rain
HL#29	2005	3	10	1403	1.8		0.72	7.08	9.3	22	Oc
HL#29	2005	4	1	1350	1.28		0.7	7.32	7.9	23	Oc
HL#29	2005	4	13	915	1.39		1.06	7.24	6.9	22	Oc
HL#29	2005	4	21	820	1.325		0.75	6.71	11.2	22	Clear
HL#29	2005	5	11	835	1.11		0.89	6.71	15.8	22	Oc
HL#29	2005	5	20	900	1.14		0.72	6.97	14.5	21	Rain
HL#29	2005	6	3	810	1.15		0.55	6.79	18.5	22	Oc
HL#29	2005	6	14	1045	1.1		0.56	6.94	16.8	21	Rain
HL#29	2005	6	24	950	1.1		0.64	6.85	20.4	22	Oc
HL#29	2005	6	30	930	0.52		1.06	6.95	20.2	22	Oc
HL#29	2005	7	8	940	1.075		0.52	6.94	17.9	22	clear
HL#29	2005	7	15	845	1.06		0.44	6.95	21.9	22	Oc
HL#29	2005	7	22	918	1		0.46	6.85	22.1	22	clear
HL#29	2005	7	29	909	0.95		0.45	6.89	23.8	22	Clear
HL#29	2005	8	5	840	0.905		0.36	6.98	22.7	22	Clear
HL#29	2005	8	19	830	0.85		0.68	6.98	22.9	22	Clear
HL#29	2005	9	4	1047	0.78		0.39	7.36	19.2	22	rain
HL#29	2005	9	17	1015	0.7		0.34	6.95	17.5	22	Oc
HL#29	2005	10	3	1130	0.7		0.48	7.53	13	22	Oc
HL#29	2005	10	21	933	1.065		0.57	6.45	12	23	Oc
HL#29	2005	11	2	715	1.21		0.49	7.3	9.9	22	rain
HL#29	2005	11	28	1030	1.135		0.32	6.96	5.6	21	Oc
HL#29	2005	12	20	1030	1.02		0.36	6.69	3.1	24	Oc
HL#29	2006	1	5	955	1.4		0.26	6.97	6.4	22	OC
HL#29	2006	1	20	805	1.33/172.95		0.72	7.04	5.3	22	Oc
HL#29	2008	2	4	1200			0.42				Lightsnow
HL#29	2008	2	20	1102	172.5		0.47		5		Light Rain
HL#29	2008	9	30	10.35	172.35 / 0.71		0.92		14		Clear,Sunny
HL#29	2008	10	6	10.30	172.49 / .84		0.45		15		Oc
HL#29	2008	10	16	9.39	172.53 / .88		0.66		9		Light Rain
HL#29	2008	10	22	10.16	172.66 / .99		0.52		9		Sunny
HL#29	2008	10	28	10.07	172.65 / 1.0		0.62	6.89	8		6 Oc
HL#29	2008	11	19	12.10	175.5 / 1.2		0.25	6.53	10.1		6 Clear
HL#29	2008	12	5	9.49	172.81 / 1.08		0.33	7.01	8		6 Oc
HL#29	2008	12	16	10.52	172.81 / 1.08		0.47	7.33	5		5 Clear
HL#29	2009	1	13	8.45	172.92 / 1.29		0.21	6.88	4.5		5 Oc
HL#29	2009	1	28	8.05	172.79 / 1.12		0.45	6.95	5.6		6 Oc
HL#29	2009	2	4	10.21	172.85 / 1.2	*		6.98	6		5 Clear * Turb meter out for repair
HL#29	2009	2	10	10.24	172.73 / 1.1	*		6.6	5.5		5 Oc pH meter serviced
HL#29	2009	2	17	9.42	172.71 / 1.07	*		6.51	4.6		5 Oc
HL#29	2009	2	24	9.22	172.70 / 1.07	*		6.63	5.6		5 Rain
HL#29	2009	3	3	10.04	172.8 / 1.15		0.7		6.8		5.7 6 Oc
HL#29	2009	3	31	10.27	172.75 / 1.13		0.3	6.91	7.4		6 Clear
HL#29	2009	4	14	9.25	172.79 / 1.14		0.28	6.73	8.4		5 Clear
HL#29	2009	4	28	10.41	172.72 / .99		0.28	7.03	11.5		4 Clear
HL#29	2009	5	8	7.51	172.73 / 1.0		0.23	6.82	12.3		6 Ovrkst
HL#29	2009	5	22	7.15	0.97		0.25	7.04	15.4		4 Clear
HL#29	2009	6	9	8.23	172.6 / .96		0.45	6.89	21.8		7 Clear
HL#29	2009	6	23	8.36	172.55 / .90		0.49	6.95	20.5		7 Clear
HL#29	2009	7	10	8.55	172.55 / .90		0.39	6.91	20.1		8 Clear
HL#29	2009	7	20	10.25	172.48 / .88		0.93	6.73	23.3		7 Clear
HL#29	2009	8	5	12.34	172.4 / .79		0.53	7.01	25.6		7 Clear
HL#29	2009	8	18								No Sample due to active falling in the area, road blocked.
HL#29	2009	9	2	11.01	172.28 / .65		1.26	7.23	20.4		6 Clear
HL#29	2009	9	14	11.29	172.34 / .70		0.48	7.12	19.8		7 Oc
HL#29	2009	9	29	12.01	172.32 / .7		0.45	7.21	14.6		6 Oc
HL#29	2009	10	2	11.03	172.33 / .7		0.49	7.18	13.6		6 Oc
HL#29	2009	10	28	9.18	172.49 / .84		0.62	7.34	7.6		6 Oc
HL#29	2009	11	10	9.34	172.8 / 1.16		0.55	6.9	9		6 Oc
HL#29	2009	11	24	8.00	173.12 / 1.49		2.24	7.53	8.1		6 Oc
HL#29	2009	12	3	10.26	172.94 / 1.30		0.36	7.5	6.1		6 Clear
HL#29	2009	12	16	8.43	172.74 / 1.09		0.52	7.21	4.6		5 Rain
HL#29	2010	1	6	13.11	172.8 / 1.15		0.29	7.16	6.2		6 Oc
HL#29	2010	1	14	10.35	173.2 / 1.41		1.22	7.2	6.9		6 Rain
HL#29	2010	2	8	9.26	172.8 / 1.15		0.58	7.4	6.9		6 Rain
HL#29	2010	2	24	9.30	172.75 / .98		0.42	7.14	6.4		6 Oc
HL#29	2010	3	9	9.10	172.75 / 1.0		0.38	7.02	6.3		6 Oc
HL#29	2010	3	16	9.05	172.8 / 1.16		0.55	7.19	7.1		6 Rain
HL#29	2010	4	8	12.35	172.9 / 1.22		0.42	6.97	6.1		5 Clear Melting snow from previous night
HL#29	2010	4	20	13.05	172.8 / 1.04		0.65	7.15	12.1		4 Oc
HL#29	2010	5	5	7.00	173.2 / 1.2		0.9	7	10		3 Clear
HL#29	2010	5	20	8.19	172.7 / 1.05		0.52	6.73	15.2		6 Oc

Sloughs

HL#29	2010	6	8	8.25	172.75 / 1.13	0.25	7.16	16.3	6	Clear
HL#29	2010	6	24	8.38	172.63 / .97	0.29	7.01	20.4	6	Clear
HL#29	2010	7	19	9.53	172.5 / .86	0.3	6.91	22	6	Clear
HL#29	2010	7	28	10.25	172.54 / .80	0.36	7.16	22.6	6	Clear
HL#29	2010	8	11	11.51	172.35 / .7	0.32	7.01	22.8	6	Clear
HL#29	2010	8	25	12.40	172.2 / .6	0.23	7.18	22	7	Clear
HL#29	2010	9	2	11.40	172.2 / .6	0.28	7.24	18	7	Clear
HL#29	2010	9	17	9.30	172.18 / .52	0.2	7.28	18.7	6	Clear
HL#29	2010	10	1	11.25	172.5 / .6	0.48	7.09	15	7	Clear
HL#29	2010	10	26	10.21	172.38 / .72	0.42	7.14	10.7	8	L.Rain
HL#29	2010	11	10	7.47	172.68 / 1	0.47	7.06	8	6	Oc
HL#29	2010	11	30	7.50	172.78 / 1.13	0.54	7.17	6.7	6	Oc
HL#29	2010	12	8	10.45	172.95 / 1.33	0.69	6.85	7.5	5	Rain
HL#29	2010	12	15	10.55	172.7 / 1.22	0.49	6.95	6.5	6	Oc
HL#29	2011	1	10	10.46	172.9 / 1.23	0.36	6.93	3.6	5	Oc
HL#29	2011	1	24	9.17	172.91 / 1.27	0.26	6.94	5.7	6	Rain
HL#29	2011	2	10	9.34	172.83 / 1.20	0.24	6.54	4.8	5	Oc
HL#29	2011	2	23	9.34	172.9 / 1.24	0.4	6.82	4	6	Oc
HL#29	2011	3	10	12.19	172.82 / 1.2	0.67	6.82	5.9	5	Rain
HL#29	2011	3	23	14.10	172.92 / 1.28	0.6	6.79	7.5	5	Clear
HL#29	2011	4	14	7.40	172.8 / 1.16	0.25	7.01	7.3	6	Clear
HL#29	2011	4	28	8.20	172.76 / 1.13	0.43	6.79	8.8	5	Clear
HL#29	2011	5	5	7.41	172.8 / 1.16	0.72	6.69	11.6	5	Oc
HL#29	2011	5	27	9.57	172.8 / 1.14	0.27	6.81	14.3	5	Rain
HL#29	2011	6	7	1.38	172.74 / 1.10	0.51	6.9	18	6	Clear
HL#29	2011	6	15	11.47	172.7 / 1.04	0.3	6.84	17.6	5	Clear
HL#29	2011	7	7	13.50	172.62 / 1.02	0.39	6.8	21.8	6	Oc
HL#29	2011	7	20	9.57	172.79 / 1.12	0.44	6.62	20.1	6	Oc
HL#29	2011	8	2	8.10	172.68 / .98	0.45	6.84	20.6	6	Oc
HL#29	2011	8	29	13.35	172.52 / .88	0.75	6.71	22	5	Oc
HL#29	2011	9	5	11.02	172.48 / .83	0.41	6.78	20.2	6	Clear
HL#29	2011	9	16	10.12	172.4 / .80	0.32	6.75	18	7	Oc
HL#29	2011	10	1	9.31	172.5 / .86	0.33	6.74	14.7	5	Clear
HL#29	2011	10	27	12.01	172.5 / .86	0.35	6.64	9.3	6	Rain
HL#29	2011	11	8	9.02	172.53 / .90	0.29	6.82	6.7	6	Oc
HL#29	2011	11	30	9.45	172.92 / 1.3	0.29	6.93	6.4	5	Clear
HL#29	2011	12	7	10.16	172.81 / 1.16	0.34	6.53	5.5	5	Oc
HL#29	2011	12	29	10.35	172.8 / 1.15	0.34	6.88	6.1	5	Oc
HL#29	2012	1	4	8.59	172.87 / 1.22	0.75	6.23	6.7	6	Rain
HL#29	2012	2	25	11.21	172.81 / 1.18	0.34	6.55	4.9	6	Oc
HL#29	2012	2	8	9.41	172.79 / 1.14	0.17	6.2	5.4	5	Rain
HL#29	2012	2	28	10.40	172.82 / 1.2	0.3	6.15	4.7	5	Cl
HL#29	2012	3	13	9.35	172.85 / 1.21	0.4	6.34	5.2	5	Oc
HL#29	2012	3	23	8.37	172.83 / 1.2	0.16	6.76	6	5	Oc
HL#29	2012	4	5	11.48	172.91 / 1.26	0.23	6.09	7.3	5	Clear
HL#29	2012	4	26	8.35	172.81 / 1.18	0.49	6.18	10.4	5	Oc
HL#29	2012	5	10	7.45	172.77 / 1.12	0.34	6.57	12	4	Clear
HL#29	2012	5	25	9.35	172.68 / 1.00	0.32	6.1	15.6	6	Clear
HL#29	2012	6	7	13.45	172.64 / 1.02	0.78	6.09	15.4	6	Rain
HL#29	2012	6	19	8.40	172.72 / 1.08	0.31	6.45	17	6	Oc
HL#29	2012	7	12	8.10	172.7 / .97	0.33	6.25	22.3	5	Clear
HL#29	2012	7	24	7.58	172.66 / 1.0	0.36	6.02	19.4	5	Oc
HL#29	2012	8	2	14.02	172.6 / .97	0.51	5.91	22.4	6	Clear
HL#29	2012	8	28	13.10	172.4 / .80	0.26	6.13	20.1	5	Oc
HL#29	2012	9	10	12.20	172.38 / .73	0.29	6.41	18.9	5	Clear
HL#29	2012	9	17	11.51	172.3 / .69	0.24	6.36	18.1	6	Clear
HL#29	2012	10	1	10.44	172.25 / .61	0.26	6.16	16.9	6	Oc
HL#29	2012	10	29	12.09	172.31 / .67	0.34	6.2	10.5	6	Rain
HL#29	2012	11	15	11.32	172.52 / .87	0.49	6.49	7.1	5	Oc
HL#29	2012	11	21	14.02	172.73 / 1.1	0.37	6.1	8.3	5	Oc
HL#29	2012	12	6	9.50	173.00 / 1.38	0.53	6.83	7.7	5	Clear
HL#29	2012	12	19	8.46	172.86 / 1.21	0.51	6.84	5.6	5	Snow
HL#29	2013	1	15	12.35	172.8 / 1.16	1.26	5.87	5.4	5	Oc
HL#29	2013	1	28	10.47	172.76 / 1.10	0.45	6.72	5	6	Rain
HL#29	2013	2	5	11.02	172.78 / 1.12	0.35	6.81	4.6	5	Rain
HL#29	2013	2	26	14.29	172.8 / 1.04	0.42	7.3	4.1	4	Rain
HL#29	2013	3	7	11.59	172.89 / 1.25	0.24	7.03	5.2	4	Oc
HL#29	2013	3	20	11.19	172.89 / 1.23	0.31	7.03	5.5	4	Rain
HL#29	2013	4	11	12.15	172.88 / 1.21	0.22	7.22	9.7	4	Clear
HL#29	2013	4	24	8.20	172.79 / 1.14	0.34	7.31	9.9	4	Clear
HL#29	2013	5	14	10.37	172.69 / 1.01	0.37	7.4	15.2	4	Clear
HL#29	2013	5	23	11.45	172.7 / 1.06	0.41	7.25	14.2	5	Clear
HL#29	2013	6	3	13.40	172.72 / 1.08	0.32	7.46	17.4	4	Clear
HL#29	2013	6	19	10.41	172.66 / .96	0.29	7.42	20.1	6	Clear
HL#29	2013	7	15	11.30	172.56 / 1.01	0.36	7.4	22.1	6	Clear
HL#29	2013	7	23	7.40	172.52 / .89	0.34	6.97	3.3	5	Clear
HL#29	2013	8	1	7.50	172.45 / .81	0.3	7.18	24.4	5	Clear
HL#29	2013	8	20	10.17	172.38 / .75	0.25	7.19	20.4	5	Clear
HL#29	2013	9	1	10.08	172.38 / .72	0.52	6.97	19.3	5	Rain
HL#29	2013	9	18	10.09	172.31 / .69	0.29	6.95	17.9	5	Clear
HL#29	2013	10	3	11.02	172.52 / .89	0.62	6.78	15.3	6	Clear
HL#29	2013	10	15	12.48	172.50 / .90	0.44	6.96	10.8	6	Clear
HL#29	2013	11	6	11.35	172.6 / .94	0.48	7.1	6.2	5	Oc
HL#29	2013	11	20	10.25	172.7 / 1.04	0.28	7.22	4.7	5	Clear
HL#29	2013	12	4	11.25	172.65 / .98	0.34	7.17	3.6	5	Clear
HL#29	2013	12	20	10.50	172.68 / 1.06	0.31	7.05	2.7	5	Snow
HL#29	2014	1	2	11.41	172.71 / 1.07	0.63	7.22	5.2	5	Rain
HL#29	2014	1	21	11.55	172.81 / 1.08	0.53	7.01	4.5	5	Oc
HL#29	2014	2	12	11.57	172.69 / 1.06	1.13	7.33	2.6	5	Oc
HL#29	2014	3	19	9.32	172.86 / 1.19	0.51	7.17	2.7	4	Clear
HL#29	2014	3	12	9.46	172.94 / 1.25	0.27	7.16	5.4	4	Clear
HL#29	2014	3	27	8.55	172.86 / 1.2	0.33	7.32	6.7	5	Clear
HL#29	2014	4	10	7.50	172.8 / 1.14	0.26	7.25	9.3	4	Oc
HL#29	2014	4	23	10.17	172.79 / 1.11	0.4	7.21	10	4	Clear
HL#29	2014	5	8	13.25	172.73 / 1.09	0.37	7.04	14.2	4	Rain
HL#29	2014	5	27	12.20	172.71 / 1.06	0.35	7.02	17.3	5	Rain
HL#29	2014	6	3	11.10	172.66 / 1.01	0.33	6.86	20	6	Clear
HL#29	2014	6	16	13.45	172.6 / .98	0.45	7.05	20.2	6	Clear
HL#29	2014	7	9	13.57	172.53 / .91	0.43	6.79	24.1	6	Clear

Fresh snow melt.

Ph meter recalibrated

Ph meter recalibrated

Water flowing over the weir

New pH Meter

Brief rain shower

Sloughs

HL#29	2014	7	21	7:57	172.46 / .83	0.36	7.03	21.7	6	Oc
HL#29	2014	8	5	12:01	172.45 / .8	0.46	7.05	25.5	7	Clear
HL#29	2014	8	15	13:50	172.39 / .74	0.52	7.13	22.3	6	Rain
HL#29	2014	9	3	9:31	172.29 / .62	0.53	7.27	18.2	9	Clear
HL#29	2014	9	18	9:48	171.16 / .50	0.35	7.18	18.9	6	Oc
HL#29	2014	10	6	8:36	172.14 / .51	0.48	7.17	16.5	5	Rain
HL#29	2014	10	24	9:38	172.71 / 1.06	1.24	7.06	10.4	8	Oc
HL#29	2014	11	13	10:02	172.81 / 1.16	0.43	7.05	7.6	5	Clear
HL#29	2014	11	24	8:31	172.74 / 1.11	0.81	7.02	7.6	11	Oc
HL#29	2014	12	5	11:03	172.82 / 1.18	0.38	6.89	5.8	5	Rain
HL#29	2014	12	11	11:05	173.2 / 1.64	1.4	6.95	7.7	2	Oc
HL#29	2015	1	8	10:50	172.88 / 1.22	0.5	7.06	5.1	4	Clear
HL#29	2015	1	29	7:31	172.87 / 1.2	0.71	6.98	5.8	5	Clear
HL#29	2015	2	6	10:57	172.9 / 1.24	1.78	6.93	7.5	5	Rain
HL#29	2015	2	20	9:10	172.9 / 1.24	0.36	6.87	6.7	4	Clear
HL#29	2015	3	10	12:41	172.89 / 1.02	0.62	6.91	8.2	4	Clear
HL#29	2015	3	19	9:28	172.88 / 1.02	0.94	6.8	8.7	4	Rain
HL#29	2015	4	8	8:29	172.86 / 1.19	0.46	6.9	9.6	4	Clear
HL#29	2015	4	23	9:01	172.72 / 1.07	0.53	6.92	12.2	6	Rain
HL#29	2015	5	7	9:15	172.68 / 1.02	0.37	6.87	13.9	6	Clear
HL#29	2015	5	25	12:30	172.6 / .96	0.57	6.93	21.3	6	Clear
HL#29	2015	6	2	12:57	172.88 / .94	0.61	6.87	21.3	8	Rain
HL#29	2015	6	15	9:47	172.5 / .88	0.42	6.93	21	8	Clear
HL#29	2015	7	7	11:55	172.3 / .73	0.81	7.09	23.2	9	Smokey
HL#29	2015	7	21	10:37	172.25 / .59	0.48	6.98	23.7	7	Oc
HL#29	2015	8	7	10:57	172.17 / .5	0.56	7.07	22.2	7	Clear
HL#29	2015	8	24	9:09	172.08 / .4	0.4	7.03	21	6	Clear
HL#29	2015	9	4	9:30	172.07 / .42	0.49	7.09	15.3	5	Clear
HL#29	2015	9	22	11:42	172.13 / .44	0.45	7.04	13.9	6	Clear
HL#29	2015	10	9	12:51	172.1 / .45	0.49	6.88	14.7	7	Rain
HL#29	2015	10	29	10:57	172.94 / 1.3	0.5	6.94	12.4	6	Oc
HL#29	2015	11	15	9:25	172.59 / .9	0.63	7.03	5.3	5	Clear
HL#29	2015	11	25	11:03	172.63 / .96	0.47	7.15	3.6	4	Clear
HL#29	2015	12	2	13:39	172.66 / 1	0.32	7.2	3.9	4	Rain
HL#29	2015	12	12	10:27	172.94 / 1.17	0.41	7.17	3.8	7	Clear
HL#29	2016	1	13	10:21	172.78 / 1.12	1.19	6.85	4.3	6	Clear
HL#29	2016	1	25	11:17	173.1 / 1.37	0.25	6.97	5.5	5	Oc
HL#29	2016	2	3	8:32	172.26 / 1.31	0.29	7.02	5	4	L.Rain
HL#29	2016	2	22	10:27	172.93 / 1.28	0.45	7.11	5.2	5	Clear
HL#29	2016	3	9	8:57	172.7 / 1.17	0.78	6.83	6.6	6	Oc
HL#29	2016	3	30	9:27	172.82 / 1.18	0.27	6.86	8.9	6	Clear
HL#29	2016	4	14	7:33	172.7 / 1.07	0.43	7.04	10.4	4	Clear
HL#29	2016	4	20	8:01	172.68 / 1.02	0.63	6.89	14	7	Clear
HL#29	2016	5	4	10:22	172.67 / 1.00	0.45	6.88	15.8	5	Clear
HL#29	2016	5	20	8:35	172.54 / .93	0.49	6.76	17.4	8	Oc
HL#29	2016	6	1	11:35	172.55 / .9	0.39	7.15	17.8	7	Clear
HL#29	2016	6	29	12:33	172.54 / .92	0.39	6.94	23.8	7	Clear
HL#29	2016	7	6	13:17	172.52 / .88	0.44	7.13	21.4	7	Rain
HL#29	2016	7	18	8:23	172.49 / .87	0.39	6.97	22	8	Clear
HL#29	2016	8	11	11:28	172.36 / .83	0.39	7.11	21.4	7	Clear
HL#29	2016	8	19	9:50	172.31 / .72	0.39	7.11	23	8	Clear
HL#29	2016	9	2	10:31	172.22 / .6	0.41	7.17	18	7	Oc
HL#29	2016	9	19	8:52	172.2 / .55	0.51	7.23	16.8	7	Oc
HL#29	2016	10	5	7:49	171.8 / .54	0.41	7.13	13.3	6	Rain
HL#29	2016	10	25	9:45	172.94 / 1.3	0.12	5.53	7.12	5	Oc
HL#29	2016	11	4	10:10	172.95 / 1.31	0.93	7.04	10.6	7	Oc
HL#29	2016	11	18	10:17	172.94 / 1.3	0.62	7.02	9.4	4	Oc
HL#29	2016	12	8	10:13	172.94 / 1.3	0.58	7.11	4.5	5	Clear
HL#29	2016	12	22	9:50	172.78 / 1.13	0.41	6.88	3.9	3	L.Rain
HL#29	2017	1	9	10:17	172.74 / 1.09	0.33	7.09	2.7	4	Oc
HL#29	2017	1	25	9:41	172.85 / 1.2	0.37	7.12	4	4	Oc
HL#29	2017	2	7	10:32	172.77 / 1.1	0.35	7.02	2.1	3	Oc
HL#29	2017	2	21	8:50	173.06 / 1.42	0.4	7.06	4.2	4	Oc
HL#29	2017	3	13	8:20	172.93 / 1.3	0.38	7.07	5.1	5	Rain
HL#29	2017	3	28	9:13	172.08 / 1.4	0.45	7.03	6.5	2	Rain
HL#29	2017	4	5	8:17	172.09 / 1.41	0.47	7.06	6.4	3	Oc
HL#29	2017	4	24	7:52	173.04 / 1.38	0.68	7.01	10.01	5	Oc
HL#29	2017	5	12	10:10	173.1 / 1.45	0.59	6.99	10.5	4	Oc
HL#29	2017	5	29	12:25	172.93 / 1.29	0.86	7	19.8	5	Clear
HL#29	2017	6	1	10:20	172.91 / 1.26	0.46	7.03	16.5	5	Rain
HL#29	2017	6	15	12:28	172.86 / 1.2	0.43	6.92	17	5	Rain
HL#29	2017	7	6	13:10	172.77 / 1.1	0.68	7.16	23.9	8	Clear
HL#29	2017	7	25	12:20	172.85 / .9	0.46	7.11	21.7	6	Clear
HL#29	2017	8	2	13:57	172.59 / .98	0.52	7.1	24.7	7	Clear
HL#29	2017	8	15	12:39	172.55 / .91	0.84	7.15	21.9	6	Clear
HL#29	2017	9	6	12:09	172.41 / .82	0.46	7.06	23.2	8	Smokey
HL#29	2017	10	18	10:37	172.37 / .75	1.32	7.08	14.5	7	Clear
HL#29	2017	10	2	8:57	172.35 / .71	0.5	6.99	14.4	6	Clear
HL#29	2017	10	25	7:40	172.37 / .72	1.21	7.14	10	5	Rain
HL#29	2017	11	3	10:29	172.38 / .76	0.54	7.08	7.2	5	Clear
HL#29	2017	11	16	9:40	172.83 / 1.17	1.05	7.07	8.4	5	Clear
HL#29	2017	12	6	11:39	173.02 / 1.38	0.57	6.99	5.9	4	Clear
HL#29	2017	12	21	11:19	172.93 / 1.3	0.43	7	4	4	Clear
HL#29	2018	1	9	11:52	173.03 / 1.38	0.44	6.78	4.9	4	Clear
HL#29	2018	1	17	11:22	173.02 / 1.39	0.43	6.95	5.3	4	Rain
HL#29	2018	2	1	10:34	173.16 / 1.5	0.41	6.86	4.9	5	Rain
HL#29	2018	2	27	13:21	172.91 / 1.25	0.42	6.92	4.9	3	Clear
HL#29	2018	3	8	8:02	172.92 / 1.28	0.59	7.03	5.1	4	Oc
HL#29	2018	3	29	7:41	173.04 / 1.39	0.66	7.08	7.1	4	L.Rain
HL#29	2018	4	10	7:35	173.01 / 1.34	0.47	7.06	8.5	4	L.Rain
HL#29	2018	4	24	7:30	172.94 / 1.39	0.53	7.05	10.8	4	Clear
HL#29	2018	5	9	9:05	172.89 / 1.24	0.56	7.08	16.6	5	Clear
HL#29	2018	5	29	7:34	172.8 / 1.16	0.84	6.98	20.4	4	Oc
HL#29	2018	6	4	8:45	172.76 / 1.11	0.69	7.01	17.2	6	Oc
HL#29	2018	6	30	7:40	172.72 / .99	0.82	7.03	18.6	5	Clear
HL#29	2018	7	12	10:17	172.71 / 1.06	0.67	7.11	22.9	6	Clear
HL#29	2018	7	25	12:31	176.62 / .98	0.53	7.03	25.1	6	Clear
HL#29	2018	8	10	10:49	172.5 / .88	0.5	7.13	25.1	6	Clear
HL#29	2018	8	20	12:27	172.46 / .81	0.57	6.9	21.8	6	Smokey

Tail end of several days hard rain

Ph meter recalibrated
After large storm, flood conditions.

Fires in the interior are creating smoo in our area.

Municipal Crew Changed top row of stop logs somewhere between reading but readings of temp deflately was felt at hatch

A moderate volume of water is leaking through the stop logs on the weir.

Municipal Crew took center stop logs out of the weir and lifted the rest and tied them up and dumped all of haslam like with out saying a word to no one . We had to pull our fence out of the water and lost our fish count because of site excess water

After large storm, flood conditions.

Aug.26 Beaver dams and debris on the sloughs weir were removed causing a significant increase in Lang Creek stage levels (approx 5 cm)

Sloughs

HL#29	2018	9	4	10.21	172.36 / 71	0.64	6.82	18.5	5	Clear	
HL#29	2018	9	24	9.27	172.86 / 1.2	0.63	6.87	13.6	5	Clear	
HL#29	2018	10	4	9.17	172.91 / 1.27	0.46	7.21	12.9	7	Clear	
HL#29	2018	10	23	9.05	172.86 / 1.2	0.74	6.89	11.2	6	Clear	
HL#29	2018	11	8	9.12	172.7 / 1.33	0.5	6.87	9.6	6	Clear	
HL#29	2018	11	23	11.59	172.93 / 1.3	0.75	6.88	8.8	6	Clear	
HL#29	2018	12	6	8.51	172.94 / 1.31	0.69	6.87	5.6	10	Clear	New meter
HL#29	2018	12	18	10.03	172.32 / 1.54	0.67	6.92	7.5	9	Clear	After large storm, flood conditions.
HL#29	2019	1	14	11.22	173.04	1.41	0.47	6.88	5.5	9	Clear
HL#29	2019	1	21	10.57	172.98	1.34	0.43	6.87	4.6	10	Clear
HL#29	2019	2	11	10.32	172.89	1.25	0.63	6.96	2.8	11	Clear
HL#29	2019	2	27	10.02	172.84	1.21	0.64	6.92	3.7	5	Clear
HL#29	2019	3	11	10.39	172.82	1.18	0.79	6.96	4.4	9	Clear
HL#29	2019	3	28	10.30	172.83	1.19	0.49	6.96	8.3	8	Clear
HL#29	2019	4	13	10.57	172.91	1.28	0.9	6.9	10.4	9	Clear
HL#29	2019	4	28	13.18	172.98	1.32	1.2	7.02	11.3	9	Clear
HL#29	2019	5	12	9.56	172.83	1.2	0.66	6.88	18.2	13	Clear
HL#29	2019	5	22	8.52	172.8	1.16	0.56	6.94	17.3	11	Clear
HL#29	2019	6	3	10.02	172.72	1.1	0.61	6.94	21.1	12	Clear
HL#29	2019	6	18	7.56	172.64	1	0.71	6.89	22.7	12	Clear
HL#29	2019	7	11	8.57	172.57	0.8	0.7	7.17	20.4	11	Clear
HL#29	2019	7	17	13.20	172.53	0.82	0.66	7.09	22.9	14	Clear
HL#29	2019	8	2	8.01	172.53	0.86	0.71	7.12	20.5	15	Clear
HL#29	2019	8	15	10.57	172.45	0.8	0.62	7.17	22.8	17	Clear
HL#29	2019	9	3	13.22	172.37	0.7	0.62	7.01	20.03	13	Clear
HL#29	2019	9	26	7.41	172.64	1	0.79	6.94	14.6	11	Clear
HL#29	2019	10	1	8.16	172.67	1.08	0.65	7.1	12	12	Clear
HL#29	2019	10	24	8.58	172.8	1.17	0.83	6.82	9.9	12	Tea
HL#29	2019	11	12	9.52	172.84	1.2	0.61	6.91	9.2	11	L.Rain
HL#29	2019	11	18	9.56	173.01	1.35	0.74	6.89	10.2	10	Clear
HL#29	2019	12	6	9.13	172.88	1.23	0.91	6.97	6.4	10	L.Rain
HL#29	2019	12	18	10.04	172.9	1.27	0.74	6.89	6.4	11	Clear
HL#29	2020	1	8	9.47	173.11	1.47	0.74	6.96	5.4	9	Clear
HL#29	2020	1	23	8.07	173.18	1.5	0.76	6.99	5.6	10	Clear
HL#29	2020	2	11	10.11	173.01	1.36	0.76	6.96	5.2	11	Clear
HL#29	2020	2	26	11.53	172.91	1.28	0.61	6.92	5.7	11	Clear
HL#29	2020	3	10	12.09	172.93	1.29	0.58	7.01	5.5	10	Clear
HL#29	2020	3	23	13.40	172.88	1.23	0.63	6.96	7.8	8	Clear
HL#29	2020	4	6	13.47	172.89	1.23	0.63	6.92	9.1	9	Clear
HL#29	2020	4	27	12.26	172.94	1.18	0.66	6.89	13.1	9	Clear
HL#29	2020	5	12	11.50	172.8	1.16	0.67	6.84	19.4	9	Clear
HL#29	2020	5	26	9.16	172.83	1.18	0.68	7.04	16.9	8	Clear
HL#29	2020	6	10	11.02	172.79	1.14	1.01	7.1	18.1	11	Clear
HL#29	2020	6	23	8.12	172.89	1.2	0.86	7.1	11	Clear	
HL#29	2020	7	14	9.42	172.81	1.17	0.73	7.04	20.4	9	Clear
HL#29	2020	7	21	13.17	172.76	1.14	0.62	7.14	24.5	11	Clear
HL#29	2020	8	13	11.27	172.61	0.9	0.73	7.16	21.2	11	Clear
HL#29	2020	8	19	8.46	172.59	0.87	0.69	7.04	23.6	10	Clear
HL#29	2020	9	1	11.41	172.57	0.86	0.67	7.01	19.9	11	L.Rain
HL#29	2020	9	15	10.42	172.49	0.88	0.59	7.04	18.5	11	Smoke
HL#29	2020	10	5	13.47	172.48	0.9	0.74	6.87	17.7	10	Clear
HL#29	2020	10	28	11.17	172.59	0.94	0.71	7.11	8.7	9	Clear
HL#29	2020	11	3	13.35	172.68	1.02	1.28	6.69	9.9	9	Rain
HL#29	2020	11	25	11.41	173	1.37	0.86	6.91	7.8	9	Clear
HL#29	2020	12	9	13.09	173	1.37	0.72	6.82	7.9	9	Clear
HL#29	2020	12	21	11.14	173.1	1.45	0.96	6.91	6.8	9	Rain
HL#29	2021	1	13	9.29	173.17	1.5	0.93	7.14	6.3	10	Clear
HL#29	2021	1	27	12.36	172.93	1.3	0.67	7	7	9	Rain
HL#29	2021	2	10	12.41	172.91	1.28	0.75	6.91	4.2	10	Snow
HL#29	2021	2	24	11.49	172.9	1.25	0.38	6.94	5.3	9	Clear
HL#29	2021	3	15	10.41	172.95	1.32	0.47	6.94	5.8	11	Clear
HL#29	2021	3	24	12.47	172.94	1.29	0.44	7.04	7.4	10	Rain
HL#29	2021	4	14	8.50	172.87	1.22	0.48	7.14	9.8	14	Clear
HL#29	2021	4	27	12.47	172.85	1.21	0.43	6.86	13.5	9	Clear
HL#29	2021	5	4	8.41	172.87	1.22	0.46	6.82	14.1	10	Clear
HL#29	2021	5	26	8.31	172.78	1.14	0.43	6.78	17.2	13	Clear
HL#29	2021	6	3	9.07	172.82	1.17	0.6	6.89	23.4	11	Clear
HL#29	2021	6	24	8.47	172.78	1.11	0.54	6.79	23.1	13	Clear
HL#29	2021	7	12	10.17	172.6	1.02	0.45	6.96	25.4	13	Clear
HL#29	2021	7	29	8.10	172.46	0.87	0.57	7.07	24.6	11	Clear
HL#29	2021	8	6	8.49	172.39	0.72	0.53	6.82	23.9	13	Clear
HL#29	2021	8	16	8.27	172.34	0.65	0.44	6.88	24.8	12	Clear
HL#29	2021	9	1	13.01	172.26	0.5	0.46	7.01	18.6	12	Clear
HL#29	2021	9	22	12.53	172.28	0.49	0.46	6.97	16.1	13	Clear
HL#29	2021	10	6	11.52	172.37	0.74	0.61	6.82	12.5	11	Clear
HL#29	2021	10	26	11.34	173.07	1.44	0.75	6.84	11.2	14	Clear
HL#29	2021	11	5	9.13	173.11	1.47	0.61	6.74	10.1	11	Clear
HL#29	2021	11	26	11.30	173.1	1.38	0.41	7.03	7.7	10	Rain
HL#29	2021	12	3	11.21	173.13	1.49	0.5	6.99	6.7	6	Clear
HL#29	2021	12	20	11.37	172.94	1.3	0.44	7.11	4.2	4	Clear
HL#29	2022	1	11	10.04	172.98	1.34	0.55	7.04	3.1	14	Clear
HL#29	2022	1	31	12.25	173	1.34	0.74	7.09	4	9	Clear
HL#29	2022	2	11	8.49	172.96	1.32	0.42	7.19	5.2	9	Clear
HL#29	2022	2	24	8.32	172.9	1.25	0.43	7.02	3.5	9	Clear
HL#29	2022	3	14	12.01	172.93	1.28	0.6	6.99	5.9	14	L.Rain
HL#29	2022	3	29	12.17	173.05	1.41	0.45	6.99	7.1	11	Clear
HL#29	2022	4	11	12.01	172.99	1.35	0.59	7.04	7	9	Clear
HL#29	2022	4	19	13.30	172.96	1.31	0.44	7.09	7.8	10	Clear
HL#29	2022	5	11	12.13	172.96	1.32	0.4	6.88	11.9	11	Clear
HL#29	2022	5	26	10.40	172.94	1.29	0.47	7.04	13.3	12	Clear
HL#29	2022	6	3	8.31	173.93	1.28	0.43	6.99	16.3	10	Rain
HL#29	2022	6	16	12.41	172.96	1.32	0.5	6.99	15.8	11	L.Rain
HL#29	2022	7	14	11.30	172.84	1.19	0.49	7.15	21.4	11	Clear
HL#29	2022	7	20	9.13	172.93	1.17	1.02	7.18	20.8	12	Clear
HL#29	2022	8	4	8.41	172.73	1.08	0.78	7.14	22.5	9	Clear
HL#29	2022	8	16	11.17	172.61	1	0.49	7.03	23.2	11	Clear
HL#29	2022	9	13	11.17	172.46	0.81	0.51	6.89	19.4	8	Smoke
HL#29	2022	9	25	11.13	172.34	0.68	0.63	6.88	17.3	9	Clear
HL#29	2022	10	5	13.38	172.34	0.68	1.76	6.99	17.1	1	Clear

Sloughs

HL#29	2022	10	27	12:23	172.3	0.66	0.46	7	8.6	11	Rain
HL#29	2022	11	2	9:48	172.32	0.68	0.59	7.11	7.2	11	Oc
HL#29	2022	11	28	12:15	172.98	0.75	1.1	6.71	3.7	1	Clear
HL#29	2022	12	14	12:17	172.5	0.86	0.59	6.84	4.4	8	Oc
HL#29	2022	12	22	10:15	172.5	0.86	0.49	6.87	3.6	8	Clear
HL#29	2023	1	6	12:48	172.97	1.32	0.63	6.44	5.2	1	Rain
HL#29	2023	1	20	12:28	172.38	1.42	0.47	6.67	5.5	1	Oc
HL#29	2023	2	14	11:59	172.95	1.3	0.39	6.87	4	1	Clear
HL#29	2023	2	24	11:45	172.92	1.27	1.58	6.76	3.4	1	Clear
HL#29	2023	3	13	11:35	172.9	1.24	0.66	6.66	6.2	1	Clear
HL#29	2023	3	27	12:01	172.89	1.39	1.25	6.86	7.3	10	Clear
HL#29	2023	4	11	11:41	173.01	1.38	0.62	6.91	7.5	9	Oc
HL#29	2023	4	26	11:47	172.99	1.34	0.71	6.78	9.9	9	Oc
HL#29	2023	5	1	9:07	172.94	1.3	0.62	7.02	11.1	3	Clear
HL#29	2023	5	18	10:41	172.89	1.22	0.75	7.07	21.2	11	Clear
HL#29	2023	6	7	12:37	172.72	1.09	1.16	6.92	21.8	13	Clear
HL#29	2023	6	29	9:12	172.61	1.01	0.57	7.04	22.9	8	Clear
HL#29	2023	7	15	10:41	172.47	0.92	0.86	6.91	23.7	11	Oc
HL#29	2023	7	27	12:41	172.39	0.64	0.78	6.86	21.2	11	Clear
HL#29	2023	8	10	11:57	172.34	0.74	0.7	6.96	21.7	9	Clear
HL#29	2023	8	30	9:13	172.23	0.52	0.56	6.9	19.7	11	Clear
HL#29	2023	9	13	12:47	172.19	0.48	0.47	7.01	19.1	11	Oc
HL#29	2023	9	30	9:00	172.15	0.51	0.53	6.82	13.1	9	Oc
HL#29	2023	10	11	11:47	172.19	0.92	0.57	7.36	13.9	12	Clear
HL#29	2023	10	29	10:39	172.5	0.86	1.18	6.93	8.7	9	Clear
HL#29	2023	11	3	8:17	172.5	0.88	0.64	6.91	8.3	11	Clear
HL#29	2023	11	28	8:40	172.85	1.18	0.51	6.92	5.9	11	Oc
HL#29	2023	12	5	9:58	172.98	1.3	0.87	6.95	6.8	8	Oc
HL#29	2023	12	21	9:57	173.02	1.39	1.46	6.84	6.9	11	Rain