

- 1. Panther 213
- 2. Panther 200, #1
- 3. SLR
- 4. Panther #1
- 5. Longtail 600 mile
- 6. Eric mine

Water Quality Table

Site pH Alk Acidity Iron Mn ALK Sulfates TSS Sodium Flow average flow

Date	Site	pH	Alk	Acidity	Iron	Mn	ALK	Sulfates	TSS	Sodium	Flow	average flow
12/1/99	4117052	7.4	166	0	0.30	0.08	0.50	134.90	3	16.50	3	250
8/9/99	4117710	7.3	160	0	0.48	0.45	0.50	75.30	3	18.70	3	250
10/18/99	4117930	7.7	200	0	0.30	0.09	0.50	85.40	6	18.10	6	250
11/15/99	4117005	7.4	180	0	0.45	0.10	0.50	141.30	3	19.30	3	250
3/7/00	4117284	8.3	168	0	0.30	0.08	0.50	71.10	3	12.00	3	250
2/16/00	4117206	7.5	118	0	1.32	0.08	1.03	51.00	4	10.00	4	250
1/10/00	4117034	7.9	162	0	0.30	0.08	0.50	57.70	3	12.10	3	250
4/20/00	4117447	7.9	188	0	0.30	0.08	0.50	121.30	0.3	12.40	0.3	250
4/20/00	4117434	7.7	200	0	0.37	0.08	0.50	81.90	0.3	10.60	0.3	250
1/10/00	4117021	8	184	0	0.30	0.09	0.50	54.50	3	15.70	3	250
9/13/99	4117804	7.9	264	0	0.30	0.23	0.50	151.20	4	116.00	4	200
10/18/99	4117915	8	246	0	0.30	0.16	0.50	164.50	3	70.20	3	200
11/15/99	4117989	7.5	228	0	0.30	0.13	0.50	134.90	3	54.00	3	200
12/1/99	4117037	7.5	212	0	0.36	0.18	0.50	98.90	4	35.60	4	200
2/16/00	4117193	7.5	148	0	1.11	0.07	0.77	45.00	12	13.30	12	200
3/7/00	4117271	8.1	200	0	0.30	0.08	0.50	65.40	6	12.80	6	200
1/10/00	4117020	7.5	154	0	1.51	0.50	0.50	254.20	6	28.40	6	200
4/20/00	4117433	7.2	170	0	1.31	0.30	0.61	225.10	0.3	22.90	0.3	200
3/7/00	4117270	7.6	180	0	1.56	0.46	0.50	253.60	4	28.90	4	200
10/18/99	4117914	7.7	200	0	0.41	1.07	0.50	674.70	4	51.00	4	50
9/13/99	4117803	7.4	204	0	0.64	1.52	0.50	860.30	3	102.00	3	50
2/16/00	4117192	6.9	110	0	1.11	0.03	0.07	147.00	3	19.80	3	50
11/15/99	4117988	7.1	202	0	0.56	0.78	0.50	490.00	3	50.90	3	50
12/1/99	4117036	7.3	202	0	0.94	0.50	0.50	267.20	6	39.90	6	50
12/1/99	4117044	6.4	72	58	58.80	3.18	0.50	924.00	3	51.30	3	260
3/7/00	4117278	6.5	120	0	33.30	1.86	0.50	589.00	32	28.90	32	260
11/15/99	4117996	6.1	62	54	50.70	2.78	0.50	1166.00	3	52.70	3	260
9/13/99	4117811	6.2	70	58	60.60	2.86	0.50	1067.00	6	57.20	6	260
2/16/00	4117200	6.6	128	0	20.20	1.27	0.58	406.00	12	23.70	12	260
4/20/00	4117441	6.5	126	0	26.30	1.58	0.50	540.50	16	25.90	16	260
1/10/00	4117028	6.6	134	0	36.00	2.37	0.50	529.70	24	33.10	24	260
10/18/99	4117922	6.2	60	50	49.20	2.40	0.50	1036.10	16	53.30	16	260
1/10/00	4117032	6.6	42	0	2.77	2.11	3.58	833.10	10	15.20	10	260
2/16/00	4117204	6.8	68	0	1.64	1.37	1.63	576.00	16	16.00	16	260
3/7/00	4117282	5.2	11.4	16.8	4.00	2.05	6.11	938.00	24	15.70	24	260
12/1/99	4117048	6.5	58	3.66	2.86	1.76	1026.00	13.8	19.20	100	100	

Site 1

Site 2

Langford Dep-house in stream

Stream Erie & Plum Run

94%

Stream Flow

Water Quality Table

11/15/99	4117001	6.3	52	1.72	2.94	1.04	1355.00	3	20.10	100
9/9/99	4117792	6.4	28	1.40	3.52	0.50	1519.80	3	16.80	100
4/20/00	4117445	4.8	11.8	7.82	2.29	8.16	1114.70	16	14.30	
10/18/99	4117926	6.6	48	0.45	2.94	0.50	1242.00	8	18.90	100
2/16/00	4117205	6.7	46	0	0.30	0.50	538.00	3	30.60	
1/10/00	4117033	6.9	52	0	0.30	0.50	365.60	3	22.60	
8/9/99	4117712	6.8	70	0.30	0.60	0.50	938.20	3	17.90	150
3/7/00	4117283	6.8	48	0	0.30	0.50	1361.40	6	24.30	
12/1/99	4117049	6.7	64	0.33	0.87	0.50	885.00	3	23.70	150
10/18/99	4117927	7.1	74	0.30	0.36	2.83	1055.10	8	19.50	150
4/20/00	4117446	6.4	30	0	0.30	0.50	753.50	0.3	16.40	
11/15/99	4117002	6.5	68	0.30	0.26	0.50	1281.00	3	22.70	150
2/16/00	4117208	7.2	118	0	3.11	1.11	163.00	3	19.50	
4/20/00	4117449	7.1	136	0	3.58	1.34	288.60	0.3	20.80	
1/10/00	4117036	7.5	132	0	2.62	0.70	510.00	3	26.50	
9/9/99	4117793	6.6	56	1.20	2.41	0.50	828.70	3	53.60	2800
10/18/99	4117928	7	88	0.56	1.92	0.50	978.60	8	57.60	2800
11/15/99	4117003	6.6	98	0.87	1.73	0.50	697.00	3	58.60	2800
12/1/99	4117050	6.9	116	2.33	1.23	0.50	577.30	3	45.10	2800
3/7/00	4117285	7.4	128	0	4.06	1.37	280.20	10	26.90	
2/16/00	4117207	5.5	13.8	15.2	2.12	7.41	397.70	12	22.10	
4/20/00	4117455	4.2	6	122	3.35	2.32	591.60	0.3	14.20	
3/7/00	4117290	3.9	0	114	3.20	2.68	586.00	4	16.50	
8/9/99	4117711	4.5	8.8	72	1.04	2.45	432.90	3	15.30	150
11/15/99	4117004	4.9	12.4	24	1.56	2.74	597.00	3	19.00	150
12/1/99	4117051	6.1	20	4.2	2.52	4.75	538.20	4.2	19.00	150
1/10/00	4117035	5.6	13.6	9.2	1.96	6.94	710.70	10	18.50	
10/18/99	4117929	4.7	10	26	1.38	2.52	561.00	20	17.40	150
4/20/00	4117450	7.2	74	0	0.30	0.40	309.50	0.3	18.50	
3/7/00	4117287	7.5	80	0	0.30	0.46	404.00	3	29.00	
8/18/99	4117752	6.8	68	0.30	0.16	0.50	821.60	4	54.50	500
2/16/00	4117210	6.9	58	0	0.53	0.44	303.00	3	23.50	
12/1/99	4117053	6.9	78	0.30	0.36	0.50	686.50	3	46.30	500
11/15/99	4117006	6.8	72	0.30	0.48	0.50	1178.00	3	77.30	500
1/10/00	4117038	7.3	74	0	0.30	0.39	543.60	3	21.10	
10/18/99	4117931	7.1	74	0.30	0.16	0.50	1697.40	8	85.40	500

Stream

CONFERENCE
BODGETS
7
CITIZEN

12/18
FARM
HIGHLAND

1. N. HICOM
9
OUTLET

Water Quality Table

12/1/99	4117054	7.2	102	0.30	0.60	0.50	931.10	3	39.70	6600
11/15/99	4117007	7.1	94	0.30	0.27	0.50	859.00	3	87.00	6600
4/20/00	4117451	7.5	112	0	1.09	0.50	381.00	3	18.40	0
3/7/00	4117288	7.8	110	0	0.63	0.50	400.00	3	25.60	
2/16/00	4117211	7.3	88	0	1.73	0.67	247.00	6	19.30	
10/18/99	4117932	7.4	92	0.30	0.20	0.50	955.80	6	45.20	6600
1/10/00	4117039	7.6	106	0	0.67	0.50	370.20	3	25.80	
8/18/99	4117764	7.3	88	0.30	0.14	0.50	1102.60	6	87.50	200
4/20/00	4117452	7	74	0	0.41	0.50	447.50	0.3	35.70	
12/1/99	4117055	7	82	0.30	0.87	0.50	604.00	3	60.00	200
10/18/99	4117933	7.5	84	0.30	0.31	0.50	1249.50	3	75.80	200
11/15/99	4117008	7.2	86	0.30	0.44	0.50	1242.00	3	50.40	200
1/10/00	4117040	7.4	78	0	0.49	0.50	723.70	3	44.80	
2/16/00	4117212	7	58	0	0.59	0.50	270.00	3	31.70	
3/7/00	4117289	7.4	76	0	0.30	0.50	520.00	3	48.30	
5/20/98	4117574	6.4	206	0	57.70	0.50	720.00	20	122	112.72
9/26/96	4166240	6.3	186	30	67.80	0.86	806.00	40	52.6	112.72
10/27/97	4117085	6.4	182	94	82.40	1.04	899.00	84	36.2	112.72
4/12/96	4166811	5.9	92	36	67.60	0.71	884.00	54.4	219	112.72
4/20/00	4117436	6.3	196	0	66.50	0.50	718.20	44	98.30	112.72
11/26/96	4166405	6.4	186	40	70.80	0.90	924.00	112	66.6	112.72
12/30/96	4166549	6.3	186	0	82.10	0.73	880.00	43	91.2	112.72
1/29/97	4166896	6.3	188	32	67.30	0.53	844.00	16	122	112.72
3/3/97	4166587	6.2	174	20	71.10	0.50	770.00	64	158	112.72
4/29/97	4166716	6.2	186	9.8	61.90	0.50	801.00	28	122	112.72
10/17/96	4166329	6.2	168	40	73.60	0.88	897.00	56	75.3	112.72
9/29/96	4117904	6.3	196	0	90.10	1.09	916.00	20	54.7	112.72
3/11/96	4166665	6.3	190	0	70.10	0.50	844.00	13.8	150	112.72
3/17/99	4117280	6.4	220	0	64.00	0.55	707.00	28	158	112.72
2/24/99	4117220	6.4	218	0	65.20	0.50	763.00	48	149	112.72
12/0/99	4117073	6.3	174	7.6	72.80	1.39	729.00	42	65.62	112.72
12/14/98	4117099	6.3	162	2.8	82.50	1.63	941.00	12	28.62	112.72
11/18/98	4117051	6.3	158	9.6	73.90	1.49	915.00	16	28.62	112.72
3/26/98	4117344	6.2	200	0	60.70	1.24	744.00	88	114	112.72
5/16/96	4166880	6.2	174	44	60.60	1.36	901.00	60.6	237	112.72
11/19/97	4117179	6.4	192	86	73.10	1.46	864.00	6	54.7	112.72
8/27/98	4117838	6.3	180	0	66.80	1.28	893.00	68	65.6	112.72

main branch of county line

PORTO (GARDEN) RUN

Eric Mone

Water Quality Table

7/28/98	4117746	6.2	162	0	101.00	1.35	0.86	780.00	100	189	112.72
6/30/98	4117655	6.3	160	0	89.10	1.40	0.84	789.00	24	149	112.72
8/30/98	4166167	6	102	0	83.60	1.54	0.90	861.00	120	91.2	112.72
4/23/98	4117486	6.3	200	0	61.70	1.23	0.50	395.00	52	106	112.72
2/25/98	4117213	6.4	206	0	61.70	1.30	0.54	815.00	58	91.2	112.72
10/29/98	4117013	6.3	170	0	90.30	1.44	1.82	891.00	60	40.4	112.72
3/7/00	4117273	6.4	190	0	77.50	1.37	0.63	1016.70	76	116.00	112.72
7/1/98	4166998	6.2	100	0	71.40	1.40	0.59	826.00	8	158	112.72
2/16/96	4166627	6.2	124	58	71.10	1.33	0.50	831.00	42.4	250	112.72
7/12/96	4166048	6.1	178	24	74.00	1.51	0.50	860.00	35.2	136	112.72
2/18/00	4117198	6.4	172	0	88.60	1.28	0.97	705.00	26	104.00	112.72
1/10/00	4117023	6.4	188	0	79.30	1.38	1.31	819.30	76	113.00	112.72
10/26/99	4117960	6.1	20	38	20.80	8.76	0.00	920.10	0	47.70	11.88
9/28/98	4117897	5.5	10.6	86	50.40	8.80	0.00	904.50	10	54.80	16.51
6/1/98	4117645	6.1	26	40	32.60	5.26	0.00	584.00	0	34.40	148.6
5/21/98	4117585	5.5	14	122	75.50	6.28	0.00	766.20	4	42.20	74.85
4/26/00	4117467	5.9	19.8	60	40.90	5.18	0.00	619.30	43.9	38.10	44.9
7/29/99	4117696	6.5	40	0	4.32	2.60	0.00	441.00	0	25.40	98.4
6/23/99	4117571	5.4	12.4	122	74.00	7.80	0.00	923.60	20	53.10	32.3
6/20/00	4117697	5.9	19.6	78	42.10	5.45	0.00	665.70	24	29.50	139.4
4/22/99	4117425	6.1	26	24	32.10	3.95	0.00	407.60	18	29.80	158
4/14/99	527235	6	17.2	64	53.60	5.56	0.00	532.00		39.00	74.85
10/20/99	4117882	5.9	16.6	62	28.90	7.01	0.00	834.20	4	35.60	16.51
7/22/98	4117730	5.3	10.8	120	63.00	7.13	0.00	828.30	8	44.80	65.62
2/24/99	4117228	6.1	28	114	66.00	6.51	0.00	709.10	36	43.30	91.2
7/14/97	4168871	4.9	17.4	156	30.10	1.25	4.79	486.00	8		979.50
10/23/97	4117060	5.1	17.8	160	41.80	1.36	4.55	626.00	4		979.50
10/24/96	4166360	4.7	14	156	48.60	1.55	6.00	751.00	34		979.50
2/11/98	4117156	4.9	16.6	78	34.20	1.19	3.79	575.00	36		979.50
4/16/98	4117445	4.9	18	104	33.00	1.31	4.48	574.00	3		979.50
6/10/98	4117624	4.7	11.8	104	35.20	1.27	5.29	588.00	0.1		979.50
8/24/98	4117823	5	22	80	34.30	1.09	3.41	639.00	12		979.50
2/2/00	4117144	5.5	34	100	46.10	1.23	3.42	786.20	3	74.50	979.50
12/16/98	4117122	5.3	22	102	56.70	1.84	4.48	747.00	3		979.50
1/27/99	4117114	5.3	28	86	52.40	1.52	4.09	629.00	3		979.50
4/14/99	4117375	4.8	16	80	37.70	1.42	4.67	582.00	8	1105	979.50
2/6/99	4117169	5.2	26	92	49.90	1.49	4.31	695.00	3		979.50

Fire Marc

On Board (Good)
Run - 5 out of Circuit
Hamilton 3

Benly made
Big one
TB#1

Water Quality Table

6/24/97	4166813	4.6	9.8	124	29.40	1.34	5.99	523.00	10			979.50
12/30/96	4166544	4.7	13.8	14	40.80	1.51	6.82	670.00	3			979.50
3/6/00	4117264	5.3	32	108	63.80	1.73	4.26	679.80	10	94.00		979.50
3/9/99	4117264	5	18.6	84	39.70	1.34	3.88	514.00	6			979.50
10/29/98	4117021	5.2	24	92	44.70	1.37	3.75	685.00	6			979.50
3/18/96	4166704	4.6	10.6	190	45.30	1.44	7.39	667.00	3		967	979.50
5/4/95	4166589	4.6	12	128	44.00	1.51	6.97	611.00	3		1186	979.50
4/13/95	4166513	4.6	13.2	118	43.50	1.45	6.81	571.00	3		1197	979.50
8/8/85	4166861	4.8	15.8	138	51.10	1.62	6.98	633.00	4		876	979.50
4/20/00	4117453	5.2	24	110	47.60	1.36	3.36	623.60	0.3	68.90		979.50
3/17/95	4166448	4.7	14.6	148	46.70	1.43	6.59	618.00	3			979.50
2/24/95	4166416	4.5	11.4	170	53.70	1.55	7.83	737.00	3			979.50
5/2/00	4117488	5.1	22	68	0.42	1.26	3.22	654.00	4	66.70	0	979.50
10/28/95	4166372	4.9	17.6	180	56.40	1.67	6.46	747.00	14		963	979.50
11/8/95	4166407	4.8	15.4	194	63.50	1.86	6.53	722.00	15.4		615	979.50
12/13/95	4166462	5.1	26	132	53.00	1.52	4.61	715.00	3		788	979.50
2/25/97	4166578	4.6	12.4	118	27.60	1.29	5.13	626.00	3			979.50
1/11/96	4166515	5.3	24	124	59.10	1.63	4.71	780.00	8		850	979.50
5/21/87	4166752	4.7	14.6	114	26.40	1.26	5.24	753.00	3			979.50
4/9/86	4166788	4.3	7.4	194	43.60	1.36	8.46	653.00	3		1267	979.50
5/21/98	4166899	4.4	9	158	40.20	1.50	9.50	682.00	3		986	979.50
5/6/96	4166921	4.5	9.6	168	42.90	1.58	9.66	658.00	3		1362	979.50
7/1/96	4166886	4.6	12.4	170	41.40	1.54	9.60	612.00	12		1043	979.50
8/1/96	4166108	4.6	11.8	128	38.40	1.36	7.38	616.00	3		738	979.50
11/8/96	4166381	4.8	16.2	127	46.40	1.42	5.79	662.00	12			979.50
6/13/95	4166886	4.7	13.6	148	48.00	1.69	7.22	603.00	8		1122	979.50
1/23/97	4166619	4.7	13.6	124	30.40	1.18	5.10	730.00	3			979.50
3/24/97	4166636	4.5	11	92	25.30	1.23	5.27	496.00	10			979.50
4/28/97	4166703	4.6	12.2	116	23.90	1.20	5.46	586.00	3			979.50
9/10/98	4166186	4.7	13.2	170	42.10	1.39	6.53	696.00	16		627	979.50
1/11/95	4166298	4.6	14.2	226	69.10	1.77	10.20	830.00	3			979.50
10/22/97	4117061	3.7	0	280	75.20	4.78	11.30	841.00	3		84.3	90.27
3/24/97	4166634	3.8	0	208	50.60	4.80	10.40	831.00	8		45	90.27
2/2/00	4117145	3.7	0	250	62.90	4.05	11.50	1503.20	3	33.70		90.27
4/28/97	4166705	3.8	0	232	53.20	4.47	9.48	826.00	8		75.2	90.27
2/24/95	4166415	3.7	0	348	87.70	5.81	22.60	1116.00	3			90.27
5/21/97	4166753	3.8	0	236	58.40	4.63	9.50	1015.00	3		108	90.27

1790

100

Water Quality Table

7/14/97	4166868	4	3.6	246	61.00	5.17	8.98	892.00	3	158	90.27
6/10/98	4117625	3.9	0	202	60.70	4.84	8.31	841.00	6	158	90.27
9/18/97	4117930	3.8	0	246	73.30	4.88	9.70	935.00	3	98.4	90.27
12/30/96	4166542	3.9	0	246	74.10	5.39	14.00	951.00	3		90.27
11/12/97	4117143	3.8	0	260	68.40	4.48	11.10	881.00	3	84.3	90.27
1/28/98	4117093	3.7	0	210	57.90	5.54	10.50	952.00	3	91.2	90.27
2/11/98	4117157	3.8	0	186	55.50	4.87	9.46	897.00	3	91.2	90.27
3/24/98	4117327	4	3	146	47.70	4.62	8.73	820.00	14	149	90.27
4/16/98	4117444	4.1	5.4	192	57.20	5.12	9.11	868.00	3	122	90.27
6/24/97	4166812	3.8	0	202	52.90	4.79	9.33	775.00	3	109	90.27
8/25/97	4167690	3.6	0	242	66.90	4.80	8.87	940.00	3	109	90.27
3/18/96	4166703	3.6	0	250	39.10	5.18	14.10	958.00	3	127.6	90.27
5/20/00	4117487	4	3.2	152	44.20	4.32	9.40	848.00	0.3	27.90	90.27
4/13/95	4166512	3.7	0	278	78.30	5.60	18.20	1013.00	8	93	90.27
4/20/00	4117454	3.9	0	178	43.90	4.51	9.30	881.70	0.3	26.69	90.27
5/4/95	4166591	3.7	0	264	74.90	5.17	15.20	989.00	3	73	90.27
6/13/95	4166688	3.6	0	294	73.90	5.35	16.70	981.00	3	107	90.27
1/11/95	4166297	3.6	0	406	101.00	6.19	23.90	1145.00	6		90.27
2/25/97	4166579	3.7	0	236	62.50	5.02	12.20	1010.00	3	69	90.27
1/11/96	4166514	3.6	0	282	73.80	5.36	17.60	1113.00	3	78	90.27
1/23/97	4166620	3.6	0	278	64.70	4.98	13.50	1183.00	3	37.9	90.27
4/8/96	4166787	3.7	0	208	37.30	4.70	12.00	929.00	3	86	90.27
3/6/99	4117265	3.9	0	174	62.30	5.60	16.60	826.40	10	34.40	90.27
6/6/96	4166922	3.7	0	236	63.80	5.90	13.70	1032.00	3.6	89	90.27
7/11/96	4166005	3.6	0	242	76.60	5.73	14.80	971.00	10	70.3	90.27
8/1/96	4166110	3.6	0	262	72.80	5.18	12.40	1087.00	3	53	90.27
9/10/96	4166187	3.6	0	298	80.80	5.18	13.10	1287.00	3	56.7	90.27
8/24/98	4117824	3.7	0	212	64.10	4.24	7.73	1041.00	6	44.9	90.27
12/13/95	4166463	3.6	0	312	78.20	5.57	17.60	1050.00	3	76.5	90.27
9/16/98	4117880	3.7	0	211	78.80	4.95	9.69	1011.00	8	65.6	90.27
10/29/98	4117022	3.6	0	258	85.80	4.90	11.70	999.00	104		90.27
12/16/98	4117121	4	1.6	274	104.00	5.15	14.20	1034.00	3		90.27
1/27/99	4117115	4.2	5	158	54.40	4.26	10.90	861.00	3		90.27
2/8/99	4117170	4.5	10.8	160	60.00	5.38	10.00	876.00	3		90.27
3/9/99	4117265	4.3	8	170	55.50	4.74	10.30	875.00	3		90.27
4/14/99	4117379	4.4	9.8	164	62.30	4.97	10.20	823.00	6		90.27
5/20/98	4117582	4	3	154	46.20	4.65	7.90	870.00	8	200	90.27

DB 88

Water Quality Table

10/29/98	4117009	6.4	300	102	183.00	3.29	0.50	2334.00	36	10.3	114.10
4/1/97	4166644	6.1	270	230	197.00	3.40	0.50	2463.00	140	115	114.10
9/4/97	4117908	6	260	401	248.00	3.70	0.20	2276.00	116	98	114.10
10/16/97	4117045	6.2	268	348	205.00	3.45	0.50	2452.00	44	78	114.10
11/19/97	4117175	6.2	296	226	233.00	3.86	0.50	2541.00	6	98	114.10
2/12/98	4117173	6.2	308	220	230.00	3.65	0.50	2731.00	30	98	114.10
3/26/98	4117340	6.1	290	172	231.00	3.68	0.50	2894.00	114	122	114.10
4/23/98	4117482	6.3	282	176	209.00	3.36	0.50	1526.00	128	122	114.10
5/20/98	4117570	6.2	300	164	215.00	3.63	0.50	2394.00	48	158	114.10
4/29/97	4166713	6.2	268	374	228.00	3.79	0.14	2439.00	42	135	114.10
2/24/99	4117215	6.2	330	244	259.00	4.34	0.50	1976.00	132	178	114.10
10/17/96	4166321	6	270	272	210.00	3.53	0.50	2221.00	8	97	114.10
8/27/98	4117834	6.2	266	132	170.00	2.81	0.50	2425.00	120	91	114.10
5/15/00	4117520	6.2	320	270	277.00	4.31	0.50	2.31	6	0.30	114.10
6/30/98	4117651	6.2	292	158	198.00	3.31	0.50	2502.00	6	131	114.10
2/28/97	4166584	6	282	234	211.00	3.54	5.00	2601.00	14	97	114.10
1/29/97	4166633	6.2	276	208	204.00	3.33	0.50	2429.00	18	109	114.10
1/12/96	4166402	6.2	272	340	218.00	3.54	0.50	2369.00	8	91	114.10
7/28/98	4117742	6.1	284	148	198.00	3.21	0.50	2172.00	24	158	114.10
9/28/96	4166236	6.1	254	270	189.00	3.24	0.50	2274.00	3	92	114.10
8/30/96	4166162	6	178	298	198.00	3.88	0.50	2534.00	50	136	114.10
7/11/96	4166043	6.1	258	234	204.00	3.61	0.50	2253.00	32	158	114.10
7/1/96	4166994	6.1	266	246	217.00	3.77	0.50	2366.00	4	174	114.10
5/16/96	4166882	6.1	286	328	220.00	3.71	0.50	1877.00	14		114.10
4/12/96	4166807	5.6	104	312	240.00	4.04	0.50	2727.00	97	142	114.10
3/28/96	4166730	6.2	278	256	245.00	4.18	0.50	1985.00	134	126	114.10
2/13/96	4166605	6.1	272	322	233.00	3.99	0.50	2431.00	76	61.6	114.10
2/2/96	4166574	6	282	292	257.00	4.28	0.50	2518.00	8	246	114.10
12/30/96	4166546	6.3	262	170	209.00	3.63	0.50	2463.00	3	103	114.10
11/18/98	4117055	5	26	120	40.30	6.51	7.55	1345.00	24	10	27.10
12/14/98	4117103	4.8	18.4	126	42.30	6.64	8.05	1460.00	10	10	27.10
9/29/98	4117908	4.9	18.2	92	41.50	6.53	7.13	1435.00	28	15	27.10
7/1/96	4166003	5.4	34	76	30.00	6.68	5.12	1186.00	10	15	27.10
3/7/00	4117277	4.3	7.8	102	31.00	6.17	6.89	1052.00	8	14.00	27.10
4/20/00	4117440	4.4	7.8	82	26.00	5.92	6.15	1063.70	0.3	13.70	27.10
5/15/00	4117529	4.2	3.8	102	29.70	6.17	7.19	1.69	3	14.90	27.10
4/20/99	4117402	5.3	30	54	29.50	6.45	5.14	1161.00	12	20	27.10

Longeloth Baseline

Plan Range

Water Quality Table

3/17/99	4117284	5.3	30	66	26.90	5.66	5.11	1014.00	6	20	27.10
1/20/99	4117077	5.3	30	70	26.90	5.78	3.75	1144.00	6	15	27.10
10/29/98	4117017	4.8	19	108	41.00	6.53	7.55	1411.00	12	10	27.10
8/27/98	4117842	5	22	102	38.90	6.27	6.75	1472.00	18	20	27.10
7/28/98	417750	4.9	19.4	94	34.80	6.37	6.57	1311.00	22	20	27.10
6/30/98	4117659	5	24	140	35.90	7.23	7.42	1357.00	3	20	27.10
5/20/98	4117578	5.3	26	58	23.90	6.03	4.60	1131.00	18		27.10
3/3/97	4166589	5.4	34	82	28.30	6.10	3.79	1151.00	32		27.10
8/30/96	4166169	5.5	24	110	29.80	5.95	4.83	1351.00	3	34.6	27.10
9/28/96	4166242	5.2	28	104	32.00	6.26	5.41	1601.00	10	22	27.10
2/24/99	4117224	5.2	22	78	31.40	6.46	5.88	903.00	40	20	27.10
7/12/96	4166050	5.4	32	90	28.60	6.74	5.08	1370.00	14	32	27.10
4/23/98	4117490	5.3	26	74	25.20	5.66	4.09	1282.00	12		27.10
11/28/96	4166407	5.5	38	58	34.10	7.14	4.04	1293.00	3		27.10
1/29/97	4166837	5.5	36	98	30.90	6.32	4.48	1227.00	24		27.10
10/17/96	4166325	5.2	30	118	32.20	6.50	5.47	1624.00	24		27.10
4/1/97	4166648	5.6	38	82	26.70	6.19	3.61	1258.00	18		27.10
4/29/97	4166718	5.8	38	82	27.80	5.84	4.92	1154.00	8		27.10
10/27/97	4117086	5.4	46	106	31.90	5.96	4.66	1210.00	18		27.10
11/19/97	4117180	5.5	38	110	28.50	6.12	3.48	1148.00	4		27.10
2/25/98	4117217	5.5	46	70	24.60	5.69	2.88	1193.00	16		27.10
3/26/98	4117348	5.6	42	42	26.80	6.45	3.67	1249.00	12		27.10
11/18/98	4117054	5.9	68	94	78.50	2.57	0.90	967.00	4	150	532.65
2/24/99	4117223	5.9	82	76	70.00	2.31	0.50	1073.00	56	250	532.65
10/29/98	4117016	5.9	88	88	77.10	2.59	0.50	1054.00	18	200	532.65
1/20/99	4117076	5.9	84	108	77.20	2.57	0.50	1099.00	8	200	532.65
12/14/98	4117102	5.9	86	98	86.00	2.74	0.50	1147.00	4	150	532.65
3/17/99	4117283	5.9	84	74	69.50	2.34	0.50	863.00	3	250	532.65
4/20/99	4117401	5.9	84	68	74.60	2.53	0.50	726.00	10	300	532.65
2/16/00	4117202	5.8	82	92	69.00	2.11	0.50	1342.00	4	52.60	532.65
1/10/00	4117031	5.8	86	76	89.00	2.65	0.50	943.10	8	62.80	532.65
4/20/00	4117444	5.8	88	70	77.80	2.41	0.50	1059.30	0.3	52.80	532.65
5/15/00	4117533	5.9	90	74	72.20	2.29	0.50	949.00	4	50.80	532.65
9/29/98	4117907	5.9	84	72	79.00	2.63	0.50	1043.00	10	0	532.65
11/19/97	4117181	5.8	80	188	77.50	2.61	0.50	1078.00	3	200	532.65
3/7/00	4117280	5.9	80	88	83.10	2.53	0.50	1023.80	10	300	532.65
3/3/97	4168590	5.7	76	104	70.80	2.47	0.50	1239.00	8		532.65

run run

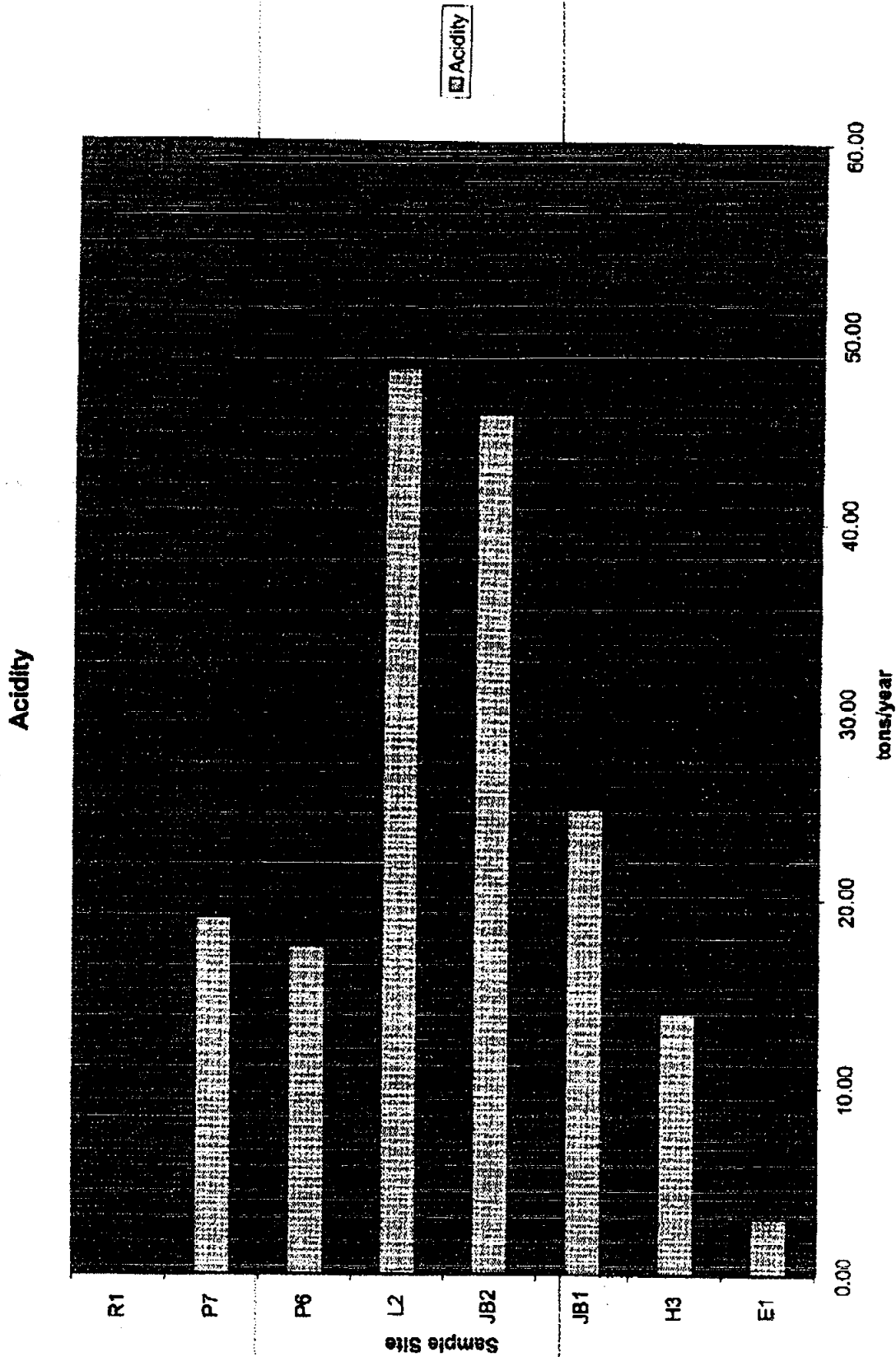
run run

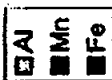
Water Quality Table

11/28/98	4166408	5.8	78	110	74.90	2.57	0.50	1111.00	3	532.65
10/17/96	4166326	5.7	7	162	75.00	2.55	0.50	1061.00	3	532.65
4/26/98	4166243	5.7	68	94	72.00	2.52	0.50	1082.00	3	532.65
3/26/98	4117347	5.7	8	110	72.50	2.50	0.50	983.00	20	300
8/30/96	4166170	5.8	62	128	72.60	2.58	0.50	1060.00	10	532.65
8/27/98	4117841	5.9	88	78	67.50	2.38	0.50	1079.00	14	250
1/29/97	4166638	5.8	76	100	72.60	2.45	0.50	1069.00	24	532.65
7/1/96	4166002	5.8	74	70.40	70.40	2.62	0.50	976.00	6	532.65
4/1/97	4166649	5.9	78	110	64.90	2.25	0.50	985.00	6	532.65
4/29/97	4166719	6.1	68	118	59.90	2.32	0.50	942.00	10	532.65
10/27/97	4117087	5.8	80	154	76.50	2.58	0.50	1101.00	4	300
2/25/98	4117216	5.9	82	108	67.20	2.24	0.50	908.00	4	300
4/23/98	4117489	5.9	84	94	63.00	2.12	0.50	928.00	4	300
5/20/98	4117577	6	90	80	65.70	2.30	0.50	884.00	8	250
6/30/98	4117658	5.8	88	124	73.50	2.64	0.50	979.00	4	250
7/28/98	4117749	5.9	86	74	64.80	2.24	0.50	87.40	14	250
7/12/96	4166051	5.8	7	104	65.20	2.43	0.50	1026.00	3	532.65
4/27/99	4117445	7.2	134	0	3.33	0.66	1.50	266.50	14	20.00
2/16/00	4117209	7.3	114	0	3.01	0.46	1.28	181.00	16	22.20
4/20/00	4117448	7.3	132	0	3.10	0.68	1.28	259.80	0.3	19.90
1/10/00	4117037	7.5	130	0	2.07	0.69	0.50	508.00	3	28.00
11/15/99	4117999	6.6	90	0	0.30	1.53	0.50	809.30	3	54.40
10/18/99	4117925	6.9	84	0	0.96	1.58	0.50	1061.10	12	53.60
9/13/99	4117814	6.6	50	0	0.30	2.11	0.50	858.30	8	64.70
8/10/99	4117726	6.5	56	0	0.30	1.87	0.50	847.00	3	52.00
5/12/99	4117538	7.3	106	0	3.51	1.13	1.14	518.90	3	28.10
12/1/99	4117047	7	118	0	1.14	1.14	0.50	601.00	3	47.20
7/14/99	4117622	7	62	0	0.30	1.69	0.50	668.00	3	47.90
3/7/00	4117286	7.5	122	0	3.14	0.78	1.13	293.70	8	25.80
6/14/99	4117613	7	80	0	1.09	1.46	0.55	610.90	3	41.40
										25677
										33080.40

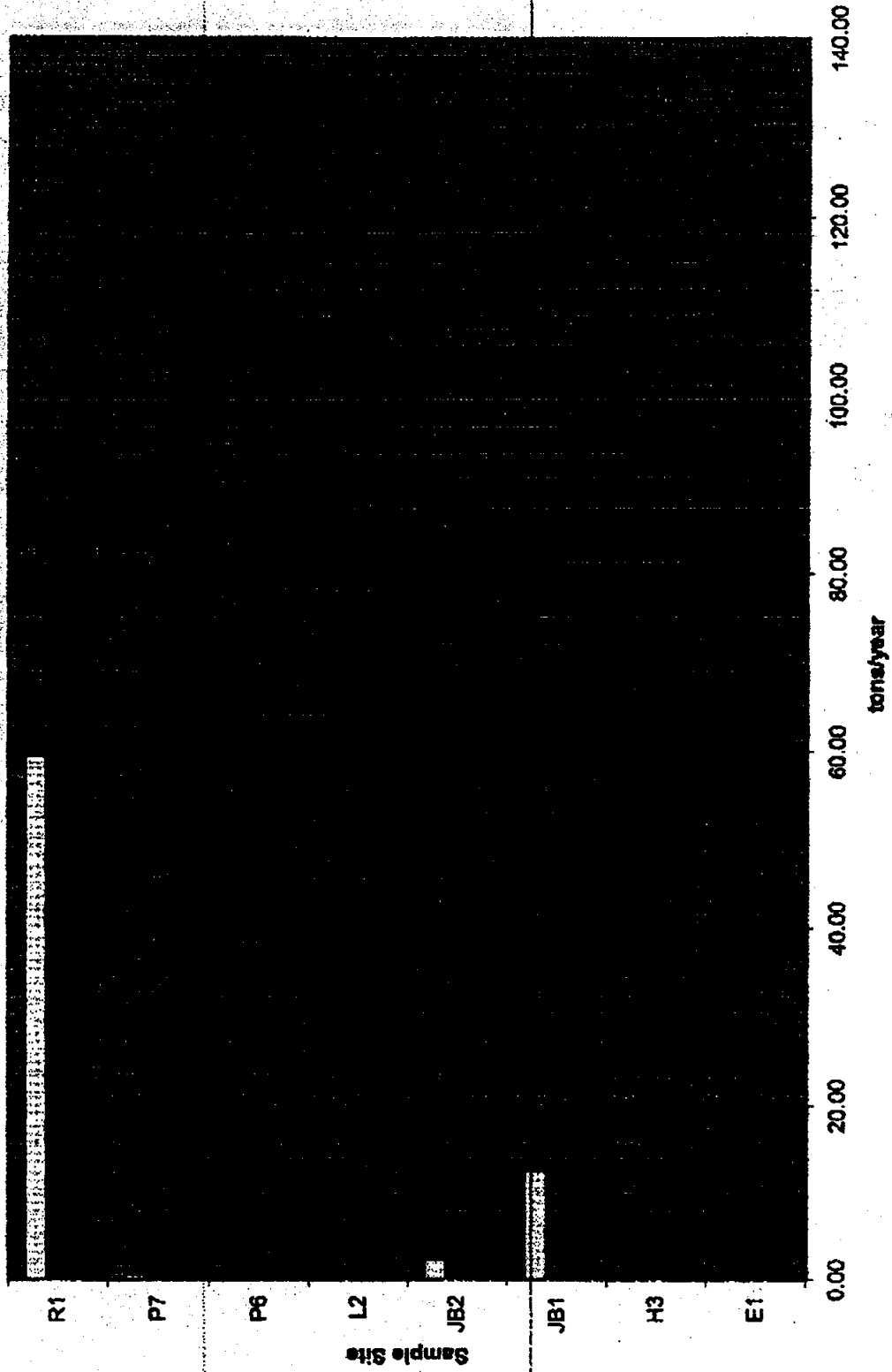
8

14
10/18/99

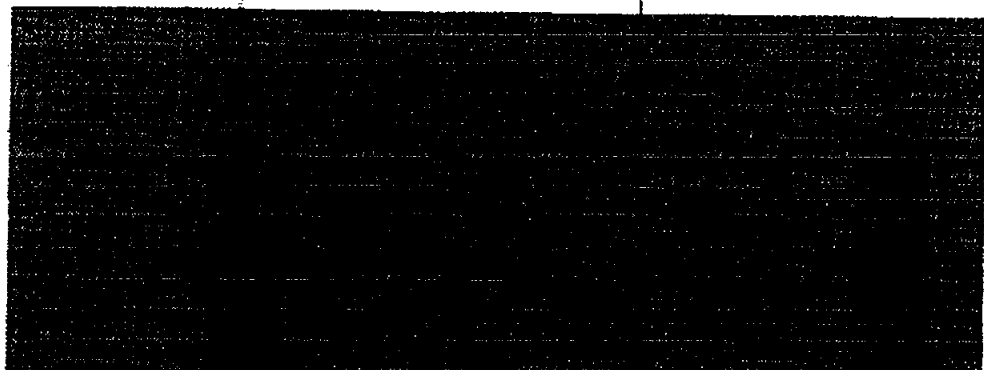




Average Loading



□ Al	■ Mn	■ Fe
------	------	------



80.00 90.00 100.00