



SAMPLING DATA

AVERAGE DATA RESULTS

<u>Iron</u> <u>lbs/D</u>	<u>Total Iron</u> <u>lbs/D</u>	<u>Sulfates</u> <u>lbs/D</u>	<u>Aluminum</u> <u>lbs/D</u>	<u>Manganese</u> <u>lbs/D</u>	<u>Magnesium</u> <u>lbs/D</u>	<u>Sodium</u> <u>lbs/D</u>	<u>Calcium</u> <u>lbs/D</u>
0.19	9.92	1785	20.68	2.72	56.38	20.24	42.12
0.01	0.27	485	14.57	15.59	33.72	4.26	23.31
0.01	0.38	160	1.68	12.11	20.98	3.61	31.09
0.05	0.42	418	7.64	19.84	82.55	9.40	131.83
0.19	3.75	2910	61.23	189.51	453.83	64.54	424.44
0.10	1.04	1683	34.36	143.37	283.34	29.19	297.34
0.25	3.60	5044	48.83	334.12	590.03	25.15	683.29
6.24	17.36	467	2.71	10.67	61.02	16.96	129.56
1.74	4.01	89	0.70	2.03	11.49	2.21	18.42
2.03	28.96	5181	99.87	363.73	710.28	103.41	914.39
2.96	13.73	499	3.19	8.50	61.52	22.56	130.37
0.79	9.40	6574	53.64	303.81	838.37	240.24	1470.52
0.35	28.03	1183	23.99	24.56	153.36	93.79	352.21
0.28	10.66	8661	280.23	341.29	1415.88	173.35	2263.20

SAMPLE STATION #1 (weir #1)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.762	4.4	14	88.97	0	0	<0.3	<1.91	0.3	1.91
11-15-73	0.496	4.5	6	24.82	0	0	<0.1	<0.41	0.1	0.41
11-27-73	O.F.	4.3	8	---	0	---	<0.5	---	0.5	---
12-12-73										
1-08-74	1.175	4.7	6	58.80	0	0	0	0	0	0
1-21-74	8.647	4.4	4	288.46	0	0	0	0	0.1	7.21
2-20-74	0.598	4.6	4	19.95	0	0	0	0	0.1	0.50
3-07-74	1.824	3.9	4	60.85	0	0	0	0	---	---
3-19-74	2.292	4.3	4	76.46	0	0	0	0	0	0
4-05-74	5.800	3.8	6	290.23	0	0	0	0	2.0	96.74

SAMPLE STATION #1										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.762		5	31.78	---	---	---	---	---	---
11-15-73	0.496		2	8.27	0.2	0.83	0.1	0.41	0.7	2.90
11-27-73	O.F.		19	---	<1.0	---	0.1	---	0.5	---
12-12-73										
1-08-74	1.175		9	88.20	0.6	5.88	0.4	3.92	1.2	11.76
1-21-74	8.647		20	1442	1.2	86.54	0.1	7.21	3.18	229.33
2-20-74	0.598		6	29.92	0.1	0.50	0.4	1.99	1.5	7.48
3-07-74	1.824		225	3423	0.5	7.61	0.2	3.04	10.1	153.64
3-19-74	2.292		150	2867	2.4	45.88	0.2	3.82	1.63	31.16
4-05-74	5.800		200	9674	---	*	---	*	---	*

SAMPLE STATION #1										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	0.598		0.7	3.49	5.0	24.94				
3-07-74	1.824		1.5	22.82	6.1	92.79				
3-19-74	2.292		0	0	3.75	71.68				
4-05-74	5.800		---	*	---	*				
4-19-74	1.676		4.9	68.49	0.6	8.39				
5-07-74	1.532		0.5	6.39	1.0	12.78				

*Sample Spilled

SAMPLE STATION #1										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	1.676	4.4	6	83.87	0	0	0	0	0.15	2.10
5-07-74	1.532	3.8	4	51.11	0	0	0	0	0	0
6-03-74	0.355	4.2	10	29.61	0	0	0	0	0.1	0.30
6-26-74	0.312	4.4	8	20.82	0	0	0	0	0	0

SAMPLE STATION #1										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	1.676		150	2097	1.3	18.17	0.1	1.40	0.6	8.39
5-07-74	1.532		100	1278	0	0	0	0	0.5	6.39
6-03-74	0.355		9	27	---	---	---	---	---	---
6-26-74	0.312		175	455	---	---	---	---	---	---

SAMPLE STATION #2 (weir #2)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.014	3.7	600	70.06	0	0	0.5	0.06	0.7	0.08
11-15-73	0.014	3.8	560	65.39	0	0	0.5	0.06	0.6	0.07
11-27-73	0.014	3.7	440	51.37	0	0	0.5	0.06	1.0	0.12
12-12-73										
1-08-74	0.014	3.7	524	61.18	0	0	0	0	0.74	0.09
1-21-74	0.144	3.9	390	468.37	0	0	0	0	0.3	0.36
2-20-74	0.005	---*	---	*	---	*	0	0	0.3	0.01
3-07-74	0.029	3.6	384	92.87	0	0	0	0	---	---
3-19-74	0.041	3.8	584	199.69	0	0	0	0	0.4	0.14
4-05-74	0.094	3.7	314	246.16	0	0	0	0	2.6	2.04

SAMPLE STATION #2										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.014		2400	280.22	---	---	---	---	---	---
11-15-73	0.014		2500	291.90	51	5.95	280	32.69	275	31.22
11-27-73	0.014		2000	233.52	43	5.02	184	21.48	246	28.72
12-12-73										
1-08-74	0.014		1850	216.01	34.7	4.05	16.7	1.95	25.8	3.01
1-21-74	0.144		1575	1891.5	51	61.25	14	16.81	121	145.32
2-20-74	0.005		---	*	55	2.29	21.6	0.90	300	12.51
3-07-74	0.029		1475	356.74	31.6	7.64	109.9	26.58	135.6	32.80
3-19-74	0.041		1625	555.65	52.8	18.05	17.4	5.95	37.8	12.93
4-05-74	0.094		1450	1136.7	37.4	29.32	22.6	17.72	67.9	53.23

SAMPLE STATION #2										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	0.005		8.4	0.35	270	11.26				
3-07-74	0.029		5.7	1.39	256	61.92				
3-19-74	0.041		8.2	2.80	60	20.52				
4-05-74	0.094		18.3	14.35	42.1	33.00				
4-19-74	0.019		16.4	5.99	39.1	6.20				
5-07-74	0.014		6.0	0.70	59.7	6.97				

*Sample Spilled

SAMPLE STATION #2										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.019	3.8	740	117.26	0	0	0	0	0.3	0.05
5-07-74	0.014	3.2	502	58.61	0	0	0	0	0.4	0.05
6-03-74	0.005	3.7	718	29.94	0	0	0	0	2.3	0.10
6-26-74	0.010	3.9	1000	83.40	0	0	0	0	0.8	0.07

SAMPLE STATION #2										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.019		1975	312.96	35.5	5.63	22.6	3.58	71.1	11.27
5-07-74	0.014		1950	227.68	56	6.54	242	28.26	52.8	6.17
6-03-74	0.005		2225	92.78	---	---	---	---	---	---
6-26-74	0.010		2750	229.35	---	---	---	---	---	---

SAMPLE STATION #3 (Weir #3)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-03-73	0.101	4.0	61	51.38	0	0	<0.1	<0.08	<0.1	<0.08
11-15-73	Dry									
11-27-73	O.F.									
12-12-73	0.018	4.0	70	10.51	0	0	0	0	0	0
1-08-74	0.017	4.1	46	6.52	0	0	0	0	0.146	0.02
1-21-74	O.F.									
2-20-74	0.008	4.0	28	1.87	0	0	0	0	0	0
3-07-74	0.126	4.1	32	33.63	0	0	0	0	0	0
3-19-74	0.207	4.2	20	34.53	0	0	0	0	0	0
4-05-74	0.232	4.0	30	58.05	0	0	0	0	2.1	4.06

SAMPLE STATION #3										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.101		420	353.78	---	---	---	---	---	---
11-15-73	Dry									
11-27-73	O.F.									
12-12-73	0.018		305	45.79						
1-08-74	0.017		340	48.21	2.7	0.38	34.5	4.89	19.9	2.82
1-21-74	O.F.									
2-20-74	0.008		227	15.15	1.7	0.11	20.6	1.37	31	2.07
3-07-74	0.126		225	236.44	2.1	2.21	13.7	14.40	26.5	27.85
3-19-74	0.207		275	474.75	0.8	1.38	13.1	22.62	25.7	44.37
4-05-74	0.232		225	435.35	3.5	6.77	17.1	33.09	29.2	56.50

SAMPLE STATION #3										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	0.008		1.4	0.09	88	5.87				
3-07-74	0.126		1.1	1.16	79.5	83.54				
3-19-74	0.207		1.8	3.11	23.8	41.09				
4-05-74	0.232		7.7	14.90	22.5	43.53				
4-19-74	0.037		7.3	2.25	16.7	5.15				
5-07-74	0.029		0.7	0.17	30.4	7.35				

SAMPLE STATION #3										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.037	4.2	34	10.49	0	0	0	0	0	0
5-07-74	0.029	4.0	48	11.61	0	0	0	0	0.1	0.02
6-03-74	0.005	4.0	38	1.58	0	0	0	0	0.2	0.01
6-26-74	0.006	4.3	80	4.00	0	0	0	0	0	0

SAMPLE STATION #3										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.037		225	69.43	2.1	0.65	14.2	4.38	23.5	7.25
5-07-74	0.029		225	54.42	1.0	0.24	16.7	4.04	24.9	6.02
6-03-74	0.005		220	9.17	---	---	---	---	---	---
6-26-74	0.006		375	18.77	---	---	---	---	---	---

SAMPLE STATION #4 (Weir #4)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.067	4.9	8	4.47	0	0	<0.1	<0.05	<0.1	<0.05
11-15-73	0.196	5.0	10	16.34	0	0	<0.3	<0.49	0.3	0.49
11-27-73	O.F.	4.7	12	---	0	0	0.5	---	1.5	---
12-12-73	0.286	4.6	14	33.39	0	0	0	0	0	0
1-08-74	0.330	4.8	6	16.51	0	0	0	0	0.438	1.21
1-21-74	O.F.	---	---	---	---	---	---	---	---	---
2-20-74	0.153	4.8	8	10.21	0	0	0	0	0.3	0.38
3-07-74	1.08	4.6	8	72.06	0	0	0	0	0	0
3-19-74	1.31	4.8	0	0	4	43.70	0	0	0	0
4-05-74	O.F.	4.5	8	---	0	0	0	0	1.9	---

SAMPLE STATION #4										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.067		24	13.41	---	---	---	---	---	---
11-15-73	0.196		74	120.96	0.4	0.65	3.7	6.04	18	29.42
11-27-73	O.F.		140	---	1.8	---	5.2	---	17.5	---
12-12-73	0.286		130	310.08	---	---	---	---	---	---
1-08-74	0.330		160	440.35	1.0	2.75	3.8	10.46	18.3	50.37
1-21-74	O.F.		---	---	---	---	---	---	---	---
2-20-74	0.153		96	122.50	0	0	7.6	9.70	20	25.52
3-07-74	1.08		105	945.76	1.3	11.71	4.8	43.23	18.1	163.03
3-19-74	1.31		115	1256.42	2.8	30.59	4.0	43.70	17.2	187.92
4-05-74	O.F.		150	---	1.6	---	5.0	---	13.2	---

SAMPLE STATION #4										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	0.153		1.4	1.79	46	58.70				
3-07-74	1.08		0.9	8.11	36.7	330.56				
3-19-74	1.31		0.9	9.83	13.8	150.77				
4-05-74	O.F.		3.7	---	11.8	---				
4-19-74	0.550		5.2	23.85	10.7	49.08				
5-07-74	0.509		0.8	3.40	16.5	70.04				

SAMPLE STATION #4										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.550	4.9	6	27.52	0	0	0	0	0.3	1.38
5-07-74	0.509	4.4	6	25.47	0	0	0	0	0.1	0.42
6-03-74	0.101	4.8	8	6.74	0	0	0	0	0.2	0.17
6-26-74	0.117	5.1	0	0	2	1.95	0	0	0.5	0.49

SAMPLE STATION #4										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.550		150	688.05	1.7	7.80	3.2	14.68	14.2	65.14
5-07-74	0.509		100	424.51	0	0	2.6	11.04	13.3	56.46
6-03-74	0.101		149	125.51	---	---	---	---	---	---
6-26-74	0.117		150	146.37	---	---	---	---	---	---

SAMPLE STATION #2 (Weir #5)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	1.707	4.6	19	270.49	0	0	<0.1	<1.42	<0.1	<1.42
11-15-73	1.290	4.6	16	172.13	0	0	<0.1	<1.07	<0.1	<1.07
11-27-73	O.F.	4.4	16	---	0	---	<0.5	---	1.0	---
12-12-73	3.030	4.4	38	960.26	0	0	0	0	1.203	30.40
1-08-74	4.528	4.4	18	679.74	0	0	0	0	0.146	5.51
1-21-74	O.F.	4.4	12	---	0	0	0	0	0	0
2-20-74	1.304	4.7	12	130.50	0	0	0	0	0.146	1.59
3-07-74	4.134	4.4	14	482.69	0	0	0	0	0	0
3-19-74	5.764	4.4	12	576.86	0	0	0	0	0	0
4-05-74	O.F.	4.3	16	---	0	0	0	0	1.9	---

SAMPLE STATION #5										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	1.707		46	655	---	---	---	---	---	---
11-15-73	1.290		19	204	1.4	15.06	7.7	82.84	15	161.37
11-27-73	O.F.		120	---	1.8	---	7.4	---	16	---
12-12-73	3.030		110	2780	---	---	---	---	---	---
1-08-74	4.528		126	4758	2.0	75.53	7.6	287	12.1	456.94
1-21-74	O.F.		91	---	1.2	---	3.6	---	29.7	---
2-20-74	1.304		105	1142	1.4	15.23	13.0	141.38	11.0	119.63
3-07-74	4.134		100	3448	1.4	48.27	6.6	227.55	14.9	513.72
3-19-74	5.764		250	12018	4.4	211.52	6.3	302.85	29.3	1408.5
4-05-74	O.F.		175	---	1.9	---	6.4	---	10.1	---

SAMPLE STATION #5										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	1.304		1.5	16.31	26.0	282.76				
3-07-74	4.134		1.0	34.48	25.0	861.94				
3-19-74	5.764		0	0	11.3	543.21				
4-05-74	O.F.		8.1	---	7.1	---				
4-19-74	3.162		9.6	253.16	6.7	176.69				
5-07-74	2.808		0.8	18.73	11.0	257.61				

SAMPLE STATION #5										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	3.162	4.5	16	421.94	0	0	0	0	0.147	3.88
5-07-74	2.808	4.4	18	421.54	0	0	0	0	0	0
6-03-74	0.656	4.5	16	87.54	0	0	0	0	0.2	1.09
6-26-74	0.793	4.6	18	119.05	0	0	0	0	0	0

SAMPLE STATION #5										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	3.162		70	1846	1.5	39.56	6.1	160.86	10.0	263.71
5-07-74	2.808		150	3513	1.0	23.42	5.3	124.12	10.8	252.92
6-03-74	0.656		90	492	---	---	---	---	---	---
6-26-74	0.793		175	1157	---	---	---	---	---	---

SAMPLE STATION #6 (Weir #6)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.550	4.1	54	247.69	0	0	<0.1	<0.45	0.1	0.45
11-15-73	0.300	4.2	60	275.22	0	0	<0.2	<0.91	0.2	0.91
11-27-73	O.F.	4.2	22	---	0	---	<0.1	---	<0.1	---
12-12-73	0.451	4.1	94	353.56	0	0	0	0	0.146	0.55
1-08-74	0.925	4.3	74	570.87	0	0	0	0	0.292	2.25
1-21-74	O.F.	4.3	32	---	0	0	0	0	0.146	---
2-20-74	0.414	4.2	76	262.41	0	0	0	0	0.4	1.38
3-07-74	1.240	4.1	64	661.82	0	0	0	0	0	0
3-19-74	1.960	4.2	34	555.78	0	0	0	0	0	0
4-05-74	O.F.	4.1	74	---	0	0	0	0	1.9	---

SAMPLE STATION #6										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.550		290	1330	---	---	---	---	---	---
11-15-73	0.300		350	1606	4.6	21.10	26	119.26	43	197.24
11-27-73	O.F.		180	---	2.0	---	12.1	---	20	---
12-12-73	0.451		280	1053	---	---	---	---	---	---
1-08-74	0.925		455	3510	5.0	38.57	25.3	195.18	47.9	369.52
1-21-74	O.F.		216	---	1.6	---	15.6	---	71.9	---
2-20-74	0.414		235	811	5.5	18.99	21.0	72.51	48.0	165.73
3-07-74	1.240		225	2327	3.2	33.09	12.6	130.30	26.4	273.02
3-19-74	1.960		225	3678	6.0	98.08	14.1	230.48	29.4	480.58
4-05-74	O.F.		225	---	3.8	---	14.7	---	29.9	---

SAMPLE STATION #6										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	0.414		2.0	6.91	84	290.03				
3-07-74	1.240		1.1	11.38	50.8	525.35				
3-19-74	1.960		0	0	22.5	367.79				
4-05-74	O.F.		9.7	---	15.2	---				
4-19-74	0.942		15.3	120.20	15.9	124.91				
5-07-74	0.896		1.0	7.47	23.9	178.60				

SAMPLE STATION #6										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.942	4.2	62	487.09	0	0	0	0	0.5	3.93
5-07-74	0.896	4.2	64	478.25	0	0	0	0	0.1	0.75
6-03-74	0.207	3.9	100	172.63	0	0	0	0	0.2	0.35
6-26-74	0.245	4.2	80	163.46	0	0	0	0	0.4	0.82

SAMPLE STATION #6										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.942		225	1768	0.1	0.79	16.4	128.84	34.0	267.11
5-07-74	0.896		75	560	4.0	29.89	17.0	127.03	30.8	230.15
6-03-74	0.207		550	950	---	---	---	---	---	---
6-26-74	0.245		450	919	---	---	---	---	---	---

SAMPLE STATION #7 (Weir #7)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	2.292	4.4	32	612	0	0	<0.1	<1.91	0.1	1.91
11-15-73	1.603	4.3	22	294	0	0	<0.1	<1.34	0.1	1.34
11-27-73	O.F.	4.3	20	---	0	---	<0.5	---	1.1	---
12-12-73	3.503	4.1	30	876	0	0	0	0	0.292	8.53
1-08-74	5.587	4.5	16	746	0	0	0	0	0.292	13.61
1-21-74	O.F.	4.4	18	---	0	0	0	0	0.146	---
2-20-74	1.750	4.6	22	321	0	0	0	0	0.146	2.13
3-07-74	5.376	4.4	30	1345	0	0	0	0	0	0
3-19-74	5.800	4.4	30	1451	0	0	0	0	0	0
4-05-74	O.F.	4.2	20	---	0	0	0	0	2.1	---

SAMPLE STATION #7										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	2.292		160	3058	---	---	---	---	---	---
11-15-73	1.603		160	2139	2.2	29.41	12	160.43	21	280.75
11-27-73	O.F.		140	---	2.0	---	8.2	---	17.5	---
12-12-73	3.503		165	4820	---	---	---	---	---	---
1-08-74	5.587		210	9785	2.2	102.51	11.9	554.49	19.5	908.61
1-21-74	O.F.		139	---	1.2	---	11.5	---	41.5	---
2-20-74	1.750		205	2992	2.0	29.19	17.4	253.95	21.0	306.50
3-07-74	5.376		200	8967	1.8	80.70	8.3	372.14	16.9	757.73
3-19-74	5.800		225	10884	1.2	58.05	9.0	435.35	17.6	851.35
4-05-74	O.F.		175	---	2.7	---	7.5	---	12.5	---

SAMPLE STATION #7										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	1.750		2.6	37.95	40.0	583.80				
3-07-74	5.376		1.1	49.32	30.1	1349.6				
3-19-74	5.800		0	0	15.0	725.58				
4-05-74	O.F.		7.2	---	9.3	---				
4-19-74	4.165		0.2	6.95	9.0	312.62				
5-07-74	3.783		1.0	31.55	14.1	444.86				

SAMPLE STATION #7										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	4.165	4.4	20	695	0	0	0	0	0.146	5.07
5-07-74	3.783	4.3	28	883	0	0	0	0	0.2	6.31
6-03-74	0.878	4.2	26	191	0	0	0	0	0.1	0.73
6-26-74	1.062	4.5	30	266	0	0	0	0	0	0

SAMPLE STATION #7										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	4.165		100	3474	0.3	10.42	9.2	319.57	15.8	548.83
5-07-74	3.783		200	6310	1.0	31.55	7.7	242.94	15.1	476.41
6-03-74	0.878		175	1281	---	---	---	---	---	---
6-26-74	1.062		200	1771	---	---	---	---	---	---

SAMPLE STATION #8 (Weir #8)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.101	5.8	0	0	24	20.21	4	3.36	13	10.95
11-15-73	0.117	5.7	0	0	25	24.39	11	10.73	13	12.68
11-27-73	0.109	5.8	0	0	24	21.81	8.2	7.45	12	10.90
12-12-73	0.225	5.8	10	18.77	0	0	0	0	10.89	20.44
1-08-74	0.232	5.8	0	0	76	147.05	5.6	10.83	10	19.35
1-21-74	N.R.	---	---	---	---	---	---	---	---	---
2-20-74	0.258	5.9	0	0	40	86.07	3.36	7.23	9.44	20.31
3-07-74	0.245	5.7	0	0	2	4.09	4.48	9.15	---	---
3-19-74	0.379	5.8	0	0	44	139.08	0	0	7.5	23.71
4-05-74	0.379	5.5	0	0	30	94.83	2.24	7.08	6.3	19.91

SAMPLE STATION #8										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.101		370	311.66	---	---	---	---	---	---
11-15-73	0.117		53	57.71	<0.1	<0.09	5.7	5.56	39	38.05
11-27-73	0.109		410	372.71	<1.0	<0.90	5.4	4.90	37	33.63
12-12-73	0.225		390	731.83	---	---	---	---	---	---
1-08-74	0.232		425	822.32	0.8	1.55	5.4	10.45	31.7	61.34
1-21-74	N.R.		---	---	---	---	---	---	---	---
2-20-74	0.258		245	527.17	0	0	9.4	20.23	32	68.86
3-07-74	0.245		225	459.74	0.2	0.41	4.7	9.60	26.5	54.15
3-19-74	0.379		225	711.19	4.0	12.64	4.3	13.59	26.4	83.45
4-05-74	0.379		200	632.17	0.8	2.53	4.4	13.91	26.8	84.71

SAMPLE STATION #8										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	0.258		3.1	6.67	106	228.08				
3-07-74	0.245		2.4	4.90	106.8	218.22				
3-19-74	0.379		7.3	23.07	40	126.43				
4-05-74	0.379		11.8	37.30	23.1	73.02				
4-19-74	0.300		9.2	23.02	20.5	51.29				
5-07-74	0.272		3.0	6.81	35.4	80.30				

SAMPLE STATION #8										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.300	5.8	0	0	36	90.07	2.24	5.60	10.18	25.47
5-07-74	0.272	5.5	0	0	38	86.20	3.36	7.62	7.10	16.11
6-03-74	0.207	5.6	0	0	64	110.49	4.48	7.73	8.70	15.02
6-26-74	0.117	5.7	0	0	72	70.26	4.48	4.37	13.80	13.47

SAMPLE STATION #8										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.300		200	500.40	2.5	6.26	4.1	10.26	26.1	65.30
5-07-74	0.272		100	226.85	0	0	3.3	7.49	26.3	59.66
6-03-74	0.207		275	474.75	---	---	---	---	---	---
6-26-74	0.117		250	243.95	---	---	---	---	---	---

SAMPLE STATION #9 (Weir #9)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.067	5.8	0	0	21	11.73	4	2.23	15	8.38
11-15-73	0.025	5.5	0	0	27	5.62	13	2.71	14	2.91
11-27-73	0.080	5.8	0	0	18	12.00	12	8.00	13	8.67
12-12-73	0.019	5.7	0	0	56	8.87	2.24	0.36	12.52	1.98
1-08-74	0.041	5.7	0	0	50	17.10	2.24	0.77	11.52	3.94
1-21-74	N.R.	---	---	---	---	---	---	---	---	---
2-20-74	0.029	5.8	0	0	24	5.80	4.48	1.08	11.52	2.79
3-07-74	0.037	5.7	38	11.73	0	0	3.36	1.04	---	---
3-19-74	0.086	5.8	0	0	30	21.52	3.36	2.41	8.36	6.00
4-05-74	0.037	5.6	0	0	20	6.17	2.24	0.69	8.50	2.62

SAMPLE STATION #9										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.067		220	122.93	---	---	---	---	---	---
11-15-73	0.025		130	27.10	<0.1	<0.02	6.1	1.27	39	8.13
11-27-73	0.080		430	286.89	<1.0	<0.66	6.3	4.20	39	26.02
12-12-73	0.019		445	70.51	---	---	---	---	---	---
1-08-74	0.041		275	94.03	0.8	0.27	6.0	2.05	32.2	11.01
1-21-74	N.R.		---	---	---	---	---	---	---	---
2-20-74	0.029		260	62.88	0	0	9.9	2.39	31.0	7.50
3-07-74	0.037		175	54.00	0	0	5.1	1.57	27.7	8.55
3-19-74	0.086		225	161.38	6.0	4.30	4.43	3.18	27.3	19.58
4-05-74	0.037		150	46.29	0.9	0.28	4.5	1.39	26.9	8.30

SAMPLE STATION #9										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	0.029		3.8	0.92	108	26.12				
3-07-74	0.037		2.4	0.74	109.4	33.76				
3-19-74	0.086		8.2	5.88	38.8	27.83				
4-05-74	0.037		11.2	3.46	23.9	7.38				
4-19-74	0.037		5.8	1.79	22.2	6.85				
5-07-74	0.029		2.0	0.48	35.5	8.59				

SAMPLE STATION #9										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.037	5.8	16	4.94	0	0	3.36	1.04	12.0	3.70
5-07-74	0.029	5.1	0	0	72	17.41	0	0	14.2	3.43
6-03-74	0.025	5.6	0	0	62	12.93	3.36	0.70	8.9	1.86
6-26-74	0.022	5.8	0	0	64	11.74	8.96	1.64	9.9	1.82

SAMPLE STATION #9										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.037		175	54.00	2.6	0.80	4.6	1.42	26.0	8.02
5-07-74	0.029		200	48.37	0	0	3.4	0.82	26.0	6.29
6-03-74	0.025		300	62.55	---	---	---	---	---	---
6-26-74	0.022		325	59.63	---	---	---	---	---	---

SAMPLE STATION #10 (Weir #10)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	2.538	4.6	25	529.17	0	0	0.6	12.70	0.7	14.82
11-15-73	1.750	4.6	26	379.47	0	0	0.8	11.68	1.6	23.35
11-27-73	0.F.	4.7	16	---	0	---	<0.5	---	1.0	---
12-12-73	3.783	4.6	28	883.41	0	0	0	0	0.894	28.21
1-08-74	5.908	4.5	36	1173.8	0	0	0	0	1.047	51.59
1-21-74	0.F.	4.6	0	0	0	0	---	---	0.146	---
2-20-74	2.054	5.0	14	239.83	0	0	0	0	3.04	52.08
3-07-74	5.693	4.6	26	1234.5	0	0	0	0	---	---
3-19-74	6.453	4.7	16	861.09	0	0	0	0	0.455	24.49
4-05-74	0.F.	4.6	16	---	0	0	0	0	5.8	---

SAMPLE STATION #10										
Date	Flow MGD	Sulfates		Aluminum		Manganese		Magnesium		
		mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	
11-08-73	2.538	170	3598	---	---	---	---	---	---	---
11-15-73	1.750	190	2773	2.1	30.65	11	160.55	23	335.68	
11-27-73	0.F.	120	---	1.7	---	8	---	17	---	
12-12-73	3.783	190	5995	---	---	---	---	---	---	
1-08-74	5.908	185	9116	2.2	108.40	11.5	566.64	21.1	1039.73	
1-21-74	0.F.	95	---	0.8	---	4.4	---	33.6	---	
2-20-74	2.054	210	3597	2.0	34.26	17.1	292.93	22.0	376.87	
3-07-74	5.693	150	7122	1.4	66.47	8.5	403.58	18.8	892.62	
3-19-74	6.453	175	9418	4.4	236.80	8.6	462.83	18.5	995.63	
4-05-74	0.F.	100	---	2.7	---	8.4	---	14.5	---	

SAMPLE STATION #10										
Date	Flow MGD	Sodium		Calcium						
		mg/l	lbs/D	mg/l	lbs/D					
2-20-74	2.054	2.3	39.40	53.0	907.91					
3-07-74	5.693	1.5	71.22	37.0	1756.8					
3-19-74	6.453	0.9	48.44	13.8	742.69					
4-05-74	0.F.	6.6	---	12.2	---					
4-19-74	5.376	6.9	309.37	11.1	497.68					
5-07-74	4.165	1.4	48.63	19.2	666.93					

SAMPLE STATION #10										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	5.376	4.8	28	255.40	0	0	0	0	0.143	6.41
5-07-74	4.165	4.6	26	903.14	0	0	0	0	0.8	27.79
6-03-74	1.125	5.1	8	75.06	0	0	0	0	1.8	16.89
6-26-74	1.256	5.1	18	188.55	0	0	0	0	4.2	44.00

SAMPLE STATION #10										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	5.376		150	6725	3.8	170.38	8.9	399.04	16.7	748.76
5-07-74	4.165		100	3474	1.5	5210	7.5	260.52	16.2	562.72
6-03-74	1.125		300	2815	---	---	---	---	---	---
6-26-74	1.256		225	2357	---	---	---	---	---	---

SAMPLE STATION #11 (Weir #11)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.286	5.8	0	0	29	69.17	5	11.92	5.9	14.07
11-15-73	0.286	5.8	0	0	30	71.55	5	11.92	6.2	14.78
11-27-73	O.F.	5.8	0	---	38	---	1.9	---	6.0	---
12-12-73	0.286	5.5	20	47.70	0	0	0	0	4.542	10.83
1-08-74	0.362	5.5	0	0	0	0	1.12	3.38	3.585	10.82
1-21-74	O.F.	5.9	0	0	48	---	0	0	0.146	---
2-20-74	0.207	5.8	0	0	30	51.79	3.36	5.80	3.77	6.51
3-07-74	0.550	5.6	16	73.39	0	0	0	0	---	---
3-19-74	0.594	5.8	0	0	40	198.16	0	0	2.96	14.66
4-05-74	0.814	5.5	0	0	26	176.51	0	0	8.4	57.03

SAMPLE STATION #11										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.286		180	429.34	---	---	---	---	---	---
11-15-73	0.286		180	453.19	0.4	0.95	2.0	4.47	19	45.31
11-27-73	O.F.		190	---	<1.0	---	1.8	---	20	---
12-12-73	0.286		185	441.26	---	---	---	---	---	---
1-08-74	0.362		165	498.15	1.4	4.23	2.8	8.45	16	48.31
1-21-74	O.F.		135	---	0	0	1.5	---	65.9	---
2-20-74	0.207		145	250.33	0	0	4.0	6.91	17	29.35
3-07-74	0.550		200	917.40	0.7	3.21	2.1	9.63	18.1	83.02
3-19-74	0.594		100	495.40	0.8	3.96	2.6	12.88	18.7	92.64
4-05-74	0.814		150	108.31	1.3	8.83	2.2	14.94	15.7	106.58

SAMPLE STATION #11										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	0.207		4.2	7.25	64	110.49				
3-07-74	0.550		3.1	14.22	61.5	282.10				
3-19-74	0.594		1.8	8.92	22.5	111.46				
4-05-74	0.814		12.4	84.18	20.9	141.89				
4-19-74	0.300		5.3	13.26	17.9	44.79				
5-07-74	0.362		2.5	7.55	30.3	91.48				

SAMPLE STATION #11										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.300	5.7	0	0	0	0	0	0	0.150	0.38
5-07-74	0.362	5.2	0	0	30	90.57	0	0	3.0	9.06
6-03-74	0.258	5.6	0	0	64	137.71	0	0	3.1	6.67
6-26-74	0.196	5.8	0	0	8	13.08	3.36	5.49	3.8	6.21

SAMPLE STATION #11										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	0.300		225	562.95	3.0	7.51	2.1	5.25	16.4	41.03
5-07-74	0.362		100	301.91	0	0	1.8	5.43	15.2	45.89
6-03-74	0.258		150	332.76	---	---	---	---	---	---
6-26-74	0.196		175	286.06	---	---	---	---	---	---

SAMPLE STATION #12 (Weir #12)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	4.355	5.9	4	145.28	0	0	<0.2	<7.26	0.2	7.26
11-15-73	2.641	6.5	0	0	0	0	<0.1	<2.20	0.1	2.20
11-27-73	0.F.	5.8	8	---	0	0	<0.5	---	0.5	---
12-12-73	5.591	5.4	6	279.77	0	0	0	0	0.292	13.62
1-08-74	6.319						0	0	0.741	39.05
1-21-74	0.F.	5.0	0	0	2	---	---	---	0.146	---
2-20-74	2.384	5.9	0	0	12	238.59	0	0	0.292	5.81
3-07-74	~10.14	4.4	10	845.68	0	0	0	0	---	---
3-19-74	~12.51	5.7	0	0	6	626.00	0	0	0	0
4-05-74	0.F.	5.2	0	0	0	0	0	0	6.0	---

SAMPLE STATION #12										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	4.355		120	4358	---	---	---	---	---	---
11-15-73	2.641		160	3524	<0.1	<2.20	6.4	140.97	19.0	418.49
11-27-73	0.F.		91	---	<1.0	---	4.5	---	11.5	---
12-12-73	5.591		140	6528	---	---	---	---	---	---
1-08-74	6.319									
1-21-74	0.F.		96	---	0.4	---	6.4	---	37.1	---
2-20-74	2.384		65	1292	0	0	0.4	7.95	6.0	119.30
3-07-74	~10.14		150	12685	0.5	42.28	5.7	482.04	15.1	1277.0
3-19-74	~12.51		200	20867	1.2	125.20	5.9	615.57	16.6	1731.9
4-05-74	0.F.		80	---	1.6	---	6.1	---	12.1	---

SAMPLE STATION #12										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	2.384		2.6	51.69	34.0	676.01				
3-07-74	~10.14		1.6	135.31	37.1	3137.5				
3-19-74	~12.51		7.4	772.07	20.0	2086.7				
4-05-74	0.F.		8.2	---	11.2	---				
4-19-74	~6.29		3.3	173.11	10.4	545.57				
5-07-74	~5.91		1.4	69.01	18.4	906.92				

SAMPLE STATION #12										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	~6.29	5.7	2	104.92	0	0	0	0	0.146	7.66
5-07-74	~5.91	5.3	0	0	0	0	0	0	0.30	14.77
6-03-74	~2.02	5.8	0	0	10	168.47	0	0	0.10	1.68
6-26-74	~2.29	6.0	0	0	14	267.38	0	0	0.10	1.91

SAMPLE STATION #12										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	~6.29		110	5770	2.9	152.13	6.1	320.00	15.5	813.11
5-07-74	~5.91		75	3697	0	0	5.2	256.30	13.6	670.34
6-03-74	~2.02		190	3201	---	---	---	---	---	---
6-26-74	~2.29		200	3820	---	---	---	---	---	---

SAMPLE STATION #13 (weir #13)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.878	6.0	0	0	0	0	<0.5	3.66	1.1	8.05
11-15-73	0.496	6.6	0	0	4	16.54	<0.2	<0.82	0.2	0.82
11-27-73	0.F.	5.8	4	---	0	---	0.6	---	1.5	---
12-12-74	2.455	5.8	0	0	0	0	0	0	0.438	8.97
1-08-74	1.350	5.7	0	0	8	90.07	0	0	0.438	5.38
1-21-74	0.F.	5.8	0	0	4	---	---	---	0.146	---
2-20-74	1.392	6.0	0	0	8	92.87	0	0	0.741	8.60
3-07-74	3.052	5.3	0	0	4	101.81	0	0	---	---
3-19-74	3.321	5.7	0	0	6	166.18	0	0	0	0
4-05-74	5.376	5.4	0	0	0	0	0	0	5.9	264.53

SAMPLE STATION #13										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	0.878		17	125	---	---	---	---	---	---
11-15-73	0.496		77	319	<0.1	<0.41	0.1	0.41	8.5	35.16
11-27-73	0.F.		43	---	<1.0	---	0.3	---	4.0	---
12-12-73	2.455		65	1331	---	---	---	---	---	---
1-08-74	1.350		70	788	0.8	9.01	0.5	5.63	7.7	86.69
1-21-74	0.F.		45	---	0.4	---	1.4	---	17.9	---
2-20-74	1.392		190	2206	0.2	2.32	13.1	152.08	18.0	208.97
3-07-74	3.052		150	3818	0.9	22.91	1.0	25.45	9.9	251.99
3-19-74	3.321		55	1523	2.0	55.39	0.2	5.54	8.3	229.89
4-05-74	5.376		25	1121	1.4	62.77	0.1	4.48	5.1	228.66

SAMPLE STATION #13										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	1.392		3.9	45.28	48.0	557.25				
3-07-74	3.052		1.2	30.54	23.7	603.25				
3-19-74	3.321		6.4	177.26	12.5	346.21				
4-05-74	5.376		5.8	260.05	6.8	304.88				
4-19-74	1.676		2.4	33.55	7.8	109.03				
5-07-74	1.750		1.1	16.05	13.2	192.65				

SAMPLE STATION #13										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	1.676	5.8	0	0	6	83.87	0	0	0.148	2.07
5-07-74	1.750	5.3	0	0	0	0	0	0	0.10	1.46
6-03-74	0.447	5.8	0	0	10	37.28	0	0	0.8	2.98
6-26-74	0.651	6.1	0	0	28	152.02	0	0	1.0	5.43

SAMPLE STATION #13										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	1.676		45	629	2.8	39.14	0.1	1.40	6.9	96.45
5-07-74	1.750		75	1095	0	0	0.1	1.46	6.1	89.03
6-03-74	0.447		79	295	---	---	---	---	---	---
6-26-74	0.651		175	950	---	---	---	---	---	---

SAMPLE STATION #14 (Weir #14)										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-08-73	5.480	6.0	0	0	0	0	0	0	<0.1	4.57
11-15-73	3.990	6.0	0	0	3	99.82	<0.1	<3.32	<0.1	<3.32
11-27-73	O.F.	6.2	10	---	0	---	<0.5	---	1.5	---
12-12-73	10.110	5.9	0	0	6	505.9	0	0	0.292	24.62
1-08-74	9.490	6.4	0	0	8	633.2	0	0	0.438	34.67
1-21-74	10.110	5.9	0	0	8	674.5	---	---	0.146	12.31
2-20-74	3.830	6.1	0	0	16	511.1	0	0	0.439	14.02
3-07-74	16.290	5.6	0	0	8	1086.9	0	0	---	---
3-19-74	20.090	6.1	0	0	12	2010.6	0	0	0	0
4-05-74	O.F. 30+	5.5	0	0	2	---	0	0	5.9	---

SAMPLE STATION #14										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
11-8-73	5.480		120	5484	---	---	---	---	---	---
11-15-73	3.990		120	3993	<0.1	<3.32	3.4	113.14	16.0	532
11-27-73	O.F.		79	---	1.0	---	2.7	---	8.5	---
12-12-73	10.110		110	9275	---	---	---	---	---	---
1-08-74	9.490		156	12345	1.1	87.06	5.2	411.56	14.9	1179
1-21-74	10.110		70	5902	0.4	33.73	3.6	303.54	30.6	2580
2-20-74	3.830		140	4472	0	0	8.4	268.31	15.0	479
3-07-74	16.290		150	20379	0.9	122.27	3.6	489.09	14.5	1970
3-19-74	20.090		85	14242	10.4	174253	3.6	603.18	15.5	2597
4-05-74	O.F. 30+		65	---	1.3	---	3.8	---	9.9	---

SAMPLE STATION #14										
Date	Flow MGD		Sodium		Calcium					
			mg/l	lbs/D	mg/l	lbs/D				
2-20-74	3.830		3.5	111.80	46.0	1469				
3-07-74	16.290		1.7	230.96	31.6	4293				
3-19-74	20.090		0	0	18.8	3150				
4-05-74	O.F. 30+		9.8	---	10.4	---				
4-19-74	10.110		4.9	413.16	10.5	885				
5-07-74	9.490		1.4	110.81	19.2	1519				

SAMPLE STATION #14										
Date	Flow MGD	pH	Acidity		Alkalinity		Ferrous Iron		Total Iron	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	10.110	6.1	0	0	16	1349.1	0	0	0.152	12.82
5-07-74	9.490	5.5	0	0	2	158.3	0	0	0.10	7.91
6-03-74	3.240	6.0	0	0	32	864.69	0	0	0	0
6-26-74	3.680	5.6	0	0	18	552.44	0	0	0.10	3.07

SAMPLE STATION #14										
Date	Flow MGD		Sulfates		Aluminum		Manganese		Magnesium	
			mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D	mg/l	lbs/D
4-19-74	10.110		200	16863	3.0	252.95	3.7	311.97	12.9	1088
5-07-74	9.490		23	1820	0	0	2.9	229.53	11.4	902
6-03-74	3.240		140	3183	---	---	---	---	---	---
6-26-74	3.680		175	5371	---	---	---	---	---	---