

EXHIBIT 7

MINE DRAINAGE DISCHARGE LOCATIONS

<u>Discharge</u>	<u>Project Area</u>	<u>Sampling Location</u>
101	XLV	Gas well discharge adjacent to T-342.
102		Gas well discharge about 200 feet east of T-490 and accessible by "Jeep trail," about 150 feet south of Mill Creek.
103	I	Strip mine discharge from outer toe of spoil about 50 feet north of access road.
104	I	Strip mine discharge through drainage cut in spoil sampled adjacent to cabin 300 feet south of access road.
105	I	Strip mine discharge through drainage cut in spoil 1200 feet south of access road.
106	I	Strip mine discharge seeping from outer toe of spoil sampled in woods 500 feet north of access road.
107	II	Strip mine discharge sampled at toe of spoil area along northwestern edge of the strip mined area.
108	II	Strip mine discharge from pond overflow sampled along access road.
109 & 110	III	Strip mine discharges seeping from cut through spoil on the western edge of this strip mine about 400 feet and 700 feet respectively south of the access road.

<u>Discharge</u>	<u>Project Area</u>	<u>Sampling Location</u>
111	IV	Apparent gas well discharge located about 25 feet east of L.R. 16055 and 1400 feet north of the junction of T-569.
112	V	Strip mine discharge from backfilled slope of strip mine about 1700 feet south of entrance off T-567 and T-569 junction.
113	VI	Strip mine discharge from spoil bank about 300 feet west of pond along T-569.
114	VI	Overflow discharge from southwestern portion of strip mine pond adjacent to T-569.
115	VII	Strip mine discharge from cut at extreme western end of strip mine just north of T-569.
116		Small discharge from the northeast edge of strip mine along T-569.
117		Small discharge from suspected drift about 50 feet east of T-490.
118	VIII	Widespread seepage from backfilled highwall of strip mine, eventually sampled at receiving stream station 47, northwest of T-571 junction with L.R. 16055.
119	IX	Collection of strip mine seepage in channel about 500 feet west of L.R. 16091.

<u>Discharge</u>	<u>Project Area</u>	<u>Sampling Location</u>
120	X	Strip mine discharge emerging from road-side drainage ditch along private lane.
121	X	Strip mine drainage collected in drainage channel around eastern periphery of abandoned strip mine.
122	XI	Discharge of acid mine drainage from northeastern edge of barren strip mine about 400 feet southeast of abandoned house.
123 & 124	XII	Strip mine discharges emerging from the southwestern edge of this strip mine along T-561.
125	XIII	Strip mine runoff sampled adjacent to T-490 about 200 feet south of Jones Run.
126	XIV	Dissipated strip mine discharge 300 feet west of T-490.
127 & 128	XV	Small strip mine discharges entering stream at extreme southwest corner of Area XV, approximately 900 feet east of T-490.
129 & 131	XV	Two flows of strip mine drainage at eastern edge of Area XV about 2800 - 3400 feet north of U.S. 322.
130	XVI	Strip mine discharge emerging from the southwest cut of a strip mine located approximately 3400 feet north of U.S. 322.

<u>Discharge</u>	<u>Project Area</u>	<u>Sampling Location</u>
132 & 133	XVII	Strip mine discharges located about 1500 feet north of U.S. 322.
134	XVIII	Strip mine drainage flows from the extreme eastern end of the strip cut, 2500 feet east of T-566.
135 & 136	XIX	Small flows of mine drainage from western and northwestern periphery of strip mine are sampled adjacent to T-561.
137	XX	Mine drainage originating in drift and sampled where power line crosses U.S. 322.
138	XXI	Discharge from small drift sampled adjacent to T-566.
139 & 140	XXII	Small discharges from the western edge of a strip mine and sampled along T-568.
141	XXIII	Discharge from large pond monitored at north end of highway culvert under I-80.
142 & 143	XXIV	Springs located adjacent to T-566.
144	XXV	Discharge from cut at eastern edge of strip mine, 2600 feet north of T-566.
145, 146-147, 148-149, 150	XXVI	Discharges along outside toe of embankment of pond along hillside 1800 feet east of T-566.

<u>Discharge</u>	<u>Project Area</u>	<u>Sampling Location</u>
151		Strip mine discharge sampled along "Jeep trail" 500 feet east of T-566.
152		Drainage from strip mine sampled as it crosses under T-564.
153		Strip mine discharge monitored at the receiving stream about 200 feet off of power line.
154	XXVII	Mine drainage flowing from cut in strip mine and sampled along T-660.
155	XXVII	Discharge from pipe in spoil sampled at T-660.
156	XXVII	Discharge from lower slopes of hillside apparently originating from strip mine and sampled nearly 150 feet down the slope to the north of T-660.
157	XXVII	Strip mine discharge sampled as it crosses under T-660.
158	XXVIII	Discharge from strip mine pond sampled in ditch adjacent to T-346 about 20 feet south of the impoundment.
159 & 160	XXIX	Discharges from this strip mine are sampled along power line about 1400 south of T-351.

<u>Discharge</u>	<u>Project Area</u>	<u>Sampling Location</u>
161	XXX	Strip mine discharge sampled along gas pipe line about 75 feet west of T-320.
162	XXXI	Strip mine discharge at eastern edge of disturbed area approximately 1800 feet north of T-353.
163	XXXII	Discharge seeping from erosion gully at northeast corner of strip mine, 1900 feet north of L.R. 33023.
164	XXXIII	Strip mine discharge sampled in roadside ditch adjacent to T-348 about 800 feet from junction of L.R. 33023.
165	XXXII	Widespread seepage of acid mine drainage from site of abandoned deep mine sampled as it crosses under L.R. 33014.
166	XXXIV	Drainage from abandoned drift sampled about 50 feet west of T-349.
167	XXXV	This strip mine discharge was sampled about 20 feet north of T-349.
168	XXXIV	Drainage seeping through the embankment forming a pond is sampled at the north end of the pond about 300 feet off of T-347.
169	XXXVI	This strip mine drainage was monitored 25 feet southeast of the junction of T-349 and T-346.

<u>Discharge</u>	<u>Project Area</u>	<u>Sampling Location</u>
170, 171, 172	XXXIV	These strip mine discharges are sampled at the western base of the hill adjacent to the receiving stream.
173	XXXVII	Strip mine discharge sampled 25 feet off of Rt. 949 along strip mine road.
174	XXXVIII	Strip mine drainage sampled about 450 feet south of T-351 at drainage cut through spoils.
175	XXXVIII	Strip mine drainage flowing from point source at the western end of Area XXXVIII, approximately 600 feet south of T-351.
176, 177, 181	XXXIX	Strip mine discharges which were located around the southern and western periphery sampled at erosion cuts through the spoils of the fringe old-law stripping.
178	V	Seepage of strip mine drainage collected 1200 feet southwest of junction of T-567 and T-569.
179	XL	Strip mine drainage collected in channel 50 feet south of U.S. 322 along private dirt road.
180	XX	Deep mine drainage collected 25 feet south of U.S. 322 in block of pine trees.
182	XLI	Strip mine discharge sampled at receiving stream, headwaters of Little Mill Creek.

<u>Discharge</u>	<u>Project Area</u>	<u>Sampling Location</u>
183	XLII	Drainage from drifts collected adjacent to T-342
184	XLIII	Gas well discharge sampled a receiving stream 100 feet east of T-566 at Little Mill Creek.
185	XLIII	Gas well discharge in field 100 feet west of T-566.
186	XLIV	Gas well discharge emerging in roadside drainage ditch at turn on T-342.
187	XLI	Strip mine discharge monitored at northern edge of strip mine 400 feet downslope of access road off T-349.
188	XLV	Gas well discharge 150 feet northwest of T-342 bridge across Mill Creek.
201		Gas well discharge on the south side of Mill Creek about 2200 feet west of L.R. 16055.
202		Gas well discharge west of T-566 just north of power line crossing.
203		Gas well discharge located north of Little Mill Creek about 1000 feet west of T-566.
204		Gas well discharge located 100 feet north of T-564 approximately 1200 feet east of junction with T-562.

<u>Discharge</u>	<u>Project Area</u>	<u>Sampling Location</u>
207 & 208		Gas well discharges located approximately 600 feet north of Bennett Road (T-529).
209		Gas well discharge located about 500 feet northeast of Zion Church along Pa. Rt. 36.
210		Gas well discharge on east side of Mill Creek approximately 4400 feet south of Parks Run.
211		Gas well discharge on east side of Mill Creek about 1200 feet north of Parks Run.
212		Gas well discharge along Pa. Rt. 949 just north of Mill Creek crossing.
213		Gas well discharge located south of T-353 approximately 450 feet east of Pa. Rt. 949.
214		Gas well discharge located north of T-353 approximately 1500 feet west of Pa. Rt. 949.
215		Gas well discharge located on north side of Mill Creek, and 100 feet east of T-346.
216		Gas well discharge located on south side of Little Mill Creek, 2000 feet east of its mouth.

FLOW MEASUREMENTS & CHEMICAL ANALYSES

EXHIBIT 8

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
101	5/8/75	17	2.8	400	0	190	124	925	82	0	39	25	189
	6/11/75	12	3.5	360	0	13	12	775	52	0	1.9	1.7	112
	7/23/75	12	5.5	300	4	56		704	43	0.58	8.1		101
	8/21/75	12	3.5	460	0	153		726	66	0	22		105
	9/16/75	12	3.4	260	0	65	54	450	37	0	9.7	7.8	65
	10/16/75	3.0	6.0	264	44	188	30	800	9.5	1.6	6.8	1.1	29
	11/13/75	34	3.8	272	0	165	138	1000	111	0	67.8	56	408
	12/16/75	17	5.9	252	60	135	128	495	51	12	27.1	26	101
	1/27/76	17	4.2	272	6	111	111	650	55	1.2	22.3	23	133
	2/18/76	8.9	4.6	276	22	157	130	500	30	2.4	16.8	14	53
	3/23/76	12	4.2	214	2	133	133	750	31	0.29	19.7	19	108
	4/26/76	12	5.6	236	8	138	138	1088	34	1.2	20	20	157
AVG.	14	4.4	297	12	125	83	739	50	1.6	22	17	130	
RANGE	3.0-34	2.8-6.0	214-460	0-60	13-190	12-138	450-1088	9.5-111	0-12	1.92-67.8	0.1-56.7	29-408	
102	12/8/75		6.9	0	154	1.0	.6	44					
	1/26/76	11	8.3		148	2.2	2.2	63	0	20	0.29	0.29	8.3
	2/25/76	30	7.8	10	140	1.0	1.0	100	3.6	50	0.36	0.36	36
	3/24/76		8.5	0	154	0.8	0.8	100					
	4/27/76		6.9	0	150	0.9	0.9	65					
	AVG.	20	7.9	2	149	1.2	1.1	74	1.8	35	0.33	0.33	22
RANGE	11-30	6.9-8.5	0-10	140-154	0.8-2.2	.6-2.2	44-100	0-3.6	20-50	0.29-0.36	0.29-0.36	8.3-36	
103	5/7/75	17	3.3	192	0	1.3	0	425	29	0	0.27	0	87
	6/10/75	12	3.1	178	0	1.6	0	600	26	0	0.3	0	86
	7/22/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/15/75	DRY							0	0	0	0	0
	11/12/75	DRY							0	0	0	0	0
	12/15/75	DRY							0	0	0	0	0
	1/26/76	DRY							0	0	0	0	0
	2/17/76	694	3.8	96	0	1.5	0.6	190	7.99	0	13	5	1582
	3/25/76	8.9	3.5	204	0	1.4	0.4	413	22	0	0.15	0.04	44
	4/27/76	28	3.4	160	0	1.1	0.5	230	54	0	0.37	0.17	77
AVG.	63	3.4	166	0	1.4	0.3	372	78	0	1.2	0.43	156	
RANGE	0-694	3.1-3.8	96-204	0	1.1-1.6	0-0.6	190-600	0-7.99	0	0-13	0-5	0-1582	
104	5/7/75	31	3.2	84	0	0.8	0	300	31	0	0.3	0	112
	6/10/75	22	3.2	106	0	1.1	0	200	28	0	0.29	0	53
	7/22/75	8.9	3.3	94	0	1.4		122	10	0	0.15		13
	8/20/75	4.9	3.2	130	0	3.4		130	7.6	0	0.2		7.6
	9/16/75	12	3.6	36	0	3.2	0.44	295	5.2	0	0.46	0.06	42
	10/15/75	11	3.3	104	0	1.1	0.3	110	14	0	0.15	0.04	15
	11/12/75	17	3.6	36	0	0.7	0.2	100	7.3	0	0.14	0.04	20
	12/15/75	42	3.4	124	0	1.0	0.15	325	63	0	0.5	0.08	164
	1/26/76	12	3.7	62	0	0.6	0.1	140	8.9	0	0.09	0.01	20
	2/17/76	397	3.6	136	0	1.6	0	210	648	0	7.6	0	1000
	3/25/76	28	3.8	80	0	0.8	0.1	110	27	0	0.27	0.03	37
	4/27/76	34	3.4	102	0	0.9	0.15	165	42	0	0.37	0.06	67
AVG.	52	3.4	91	0	1.7	.12	184	74	0	0.88	0.03	129	
RANGE	4.9-397	3.2-3.8	36-136	0	0.6-3.4	0-0.44	100-325	5.2-648	0	.09-7.6	0-0.08	7.6-1000	
105	5/7/75	12	3.4	128	0	0.8	0	325	18	0	0.12	0	47
	6/10/75	8.9	3.2	88	0	1.3	0	200	9.4	0	0.14	0	21
	7/22/75	0.2	3.2	100	0	1.4		132	0.24	0	0		0.32
	8/20/75	1.1	3.3	130	0	1.9		166	1.7	0	0.03		2.2
	9/16/75	3.8	3.6	272	0	2.8	0.69	750	12	0	1.3	0.03	34
	10/15/75	3.8	3.3	80	0	1.1	0.35	115	3.6	0	0.05	0.02	5.2
	11/12/75	15	3.6	80	0	0.6	0.25	200	14	0	0.12	0.05	36
	12/15/75	34	3.5	140	0	1.1	0.2	325	57	0	0.45	0.08	133
	1/26/76	6.1	3.7	248	0	1.7	0.8	463	18	0	0.12	0.06	34
	2/17/76	236	3.8	88	0	1.0	0	150	249	0	2.8	0.02	425
	3/25/76	8.9	3.6	122	0	0.9	0.15	413	13	0	0.1	0.05	44
	4/27/76	22	3.5	140	0	0.9	0.2	600	37	0	0.24	0.05	158
AVG.	29	3.5	135	0	3.4	0.26	320	36	0	0.46	0.03	78	
RANGE	0.2-236	3.2-3.8	80-272	0	0.6-2.8	0-0.8	115-750	0.24-249	0	0-2.8	0-0.08	0.32-425	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
106	5/7/75	DRY							0	0	0	0	0
	6/10/75	DRY							0	0	0	0	0
	7/22/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/15/75	DRY							0	0	0	0	0
	11/12/75	12	3.3	240	0	12	2.3	700	35	0	1.7	0.33	101
	12/15/75	31	3.8	172	0	1.3	0.25	500	64	0	0.48	0.09	186
	1/26/76	22	3.6	162	0	1.2	0.5	513	43	0	0.32	0.13	135
	2/17/76	DRY							0	0	0	0	0
	3/25/76	DRY							0	0	0	0	0
	4/27/76	DRY							0	0	0	0	0
AVG.	5.4	3.6	191	0	4.8	1.0	571	12	0	0.21	0.05	35	
RANGE	0 - 31	3.3 - 3.8	162 - 240	0	1.2 - 12	0.25 - 2.3	500 - 700	0 - 64	0	0 - 1.7	0 - 0.33	0 - 186	
107	5/7/75	2.5	4.0	10	0	0	0	250	3	0	0	0	75
	6/10/75	28	4.0	12	0	0.1	0	275	4	0	0.03	0	92
	7/22/75	3.8	3.9	20	0	1.2		18	0.91	0	0.05		0.82
	8/20/75	3.8	3.9	24	0	2.2		36	1.1	0	0.1		1.6
	9/16/75	15	4.2	24	5	6.0	0.44	55	4.3	0.90	1.1	0.08	9.9
	10/15/75	12	4.0	32	0	3.0	0.5	80	4.6	0	0.43	0.07	12
	11/25/75	8.9	4.1	16	8	0.7	0.35	35	1.7	0.85	0.07	0.04	3.7
	12/15/75	15	4.2	16	6	0.5	0.07	65	2.9	1.1	0.09	0.01	12
	1/26/76	7.5	4.5	10	6	0.2	0.1	70	0.9	0.54	0.02	0.01	6.3
	2/17/76	112	4.5	12	10	7	1.5	50	16	13	9.4	2.0	67
	3/25/76	22	4.5	8	4	1	0	70	2.1	1.1	0.26	0	18
	4/27/76	19	4.2	14	2	0.2	0	108	3.2	0.46	0.05	0	25
AVG.	23	4.2	17	3.4	1.8	0.25	93	3.7	1.5	0.97	0.18	27	
RANGE	3.8 - 112	3.9 - 4.5	8 - 32	0 - 10	0 - 7	0 - 1.5	18 - 275	1.1 - 16	0 - 13	0 - 9.4	0 - 2.1	0.82 - 92	
108	5/7/75	2.2	3.9	16	0	86	2.2	300	4.2	0	2.3	0.58	79
	6/10/75	17	3.7	18	0	0.2	0	200	3.7	0	0.04	0	41
	7/22/75	0.2	3.9	22	0	5.0		28	0.05	0	0.01		0.08
	8/20/75	1.1	3.8	30	0	22		30	0.40	0	0		0.40
	9/16/75	8.9	4.1	28	3	7.8	0.06	75	3.0	0.32	0.83	0.01	8.0
	10/15/75	8.9	3.7	40	0	0.4	0.2	60	4.3	0	0.04	0.02	6.4
	11/12/75	17	4.0	24	0	0.8	0.2	70	4.9	0	0.16	0.04	14
	12/15/75	31	4.1	32	4	0.6	0.55	150	12	1.5	0.22	0.20	56
	1/26/76	22	4.1	24	2	1.1	0.5	90	6.3	0.53	0.29	0.13	24
	2/17/76	284	4.0	22	0	3.5	1.9	70	75	0	12	6.5	239
	3/25/76	19	4.2	16	4	0.2	0.07	87	3.6	0.91	0.05	0.02	20
	4/27/76	50	4.2	22	2	0.2	0.1	115	13	1.2	0.12	0.06	69
AVG.	40	4.0	25	1.3	2.4	0.48	106	11	0.37	1.3	0.63	46	
RANGE	0.2 - 284	3.7 - 4.2	16 - 40	0 - 4	0.2 - 8.6	0 - 2.2	28 - 300	0.05 - 75	0 - 1.5	0 - 12	0 - 6.5	0.08 - 239	
109	5/7/75	12	3.3	270	0	0.7	0	700	39	0	0.10	0	101
	6/10/75	15	3.2	410	0	1.2	0	925	74	0	0.22	0	167
	7/22/75	3.8	3.2	530	0	1.3		748	24	0	0.06		34
	8/20/75	4.9	3.3	720	0	1.7		814	42	0	0.10		48
	9/16/75	6.1	3.6	560	0	41	0.63	1150	41	0	3.0	0.05	84
	10/15/75	2.2	3.0	528	0	1.6	0.75	825	14	0	0.04	0.02	22
	11/12/75	2.2	3.3	328	0	1.0	0.55	950	8.7	0	0.03	0.01	25
	12/15/75	7.5	3.4	316	0	1.1	0.4	600	28	0	0.1	0.04	54
	1/26/76	6.0	3.4	164	0	0.7	0.4	288	12	0	0.05	0.03	21
	2/17/76	148	3.8	386	0	3.0	0.8	860	686	0	5.3	1.4	1527
	3/25/76	7.5	3.6	300	0	0.7	0.2	625	27	0	0.06	0.02	56
	4/27/76	12	3.3	300	0	0.8	0.3	700	43	0	0.12	0.04	101
AVG.	19	3.4	401	0	4.6	0.40	765	87	0	0.77	0.16	187	
RANGE	2.2 - 148	3.0 - 3.8	164 - 720	0	0.7 - 41	0 - 0.75	288 - 1150	8.7 - 686	0	0.03 - 5.3	0 - 1.4	21 - 1527	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
110	5/7/75	15	3.2	148	0	0.9	0	325	27	0	0.16	0	59	
	6/10/75	12	3.2	178	0	1.1	0	350	26	0	0.16	0	50	
	7/22/75	3.0	3.1	270	0	2.7		418	97	0	0.10		15	
	8/20/75	1.7	3.2	480	0	4.7		550	98	0	0.10		11	
	9/16/75	3.8	3.5	372	0	18	0.94	750	17	0	0.82	0.04	34	
	10/15/75	3.8	3.1	264	0	2.0	0.75	235	12	0	0.09	0.03	11	
	11/12/75	3.8	3.3	184	0	1.3	0.7	600	8.4	0	0.06	0.03	27	
	12/15/75	11	3.3	228	0	1.3	0.25	400	30	0	0.17	0.03	53	
	1/26/76	3.8	3.5	288	0	1.2	0.7	588	13	0	0.05	0.03	27	
	2/17/76	462	3.7	322	0	2.0	0.6	410	1,785	0	11	3.3	2273	
	3/25/76	11	3.7	182	0	0.8	0.2	490	24	0	0.11	0.03	65	
	4/27/76	19	3.2	240	0	1.1	0.25	600	55	0	0.25	0.06	137	
	AVG.	46	3.3	263	0	3.1	0.44	476	168	0	1.1	0.36	230	
RANGE	1.7-462	3.1-3.7	148-480	0	0.8-18	0-0.94	235-750	8.4-1,785	0	0.05-11	0-3.3	11-2,273		
111	5/7/75	34	7.3	0	24	1.4	0	275	0	9.8	0.57	0	11.2	
	6/10/75	34	6.8	6	26	4.4	0	275	2.4	11	1.8	0	11.2	
	7/22/75	22	7.0	0	8	2.9		32	0	2.1	0.77		8.4	
	8/20/75	15	7.5	0	58	2.0		18	0	10	0.36		3.2	
	9/16/75	46	6.5	0	48	6.5	1.3	40	0	26	3.6	0.72	22	
	10/15/75	42	5.5	8	60	3.0	1.0	65	4.0	30	1.5	0.50	33	
	11/12/75	65	6.7	0	44	3.7	1.2	38	0	34	2.9	0.94	30	
	12/15/75	50	6.7	8	34	4.6	1.0	200	4.8	20	2.8	0.60	120	
	1/26/76	50	7.3	6	40	3.5	1.4	105	3.6	24	2.1	0.84	63	
	2/17/76	174	7.8	4	26	11	0	110	8.4	54	23	0	230	
	3/29/76	31	7.8	4	24	1.2	0.75	85	1.5	8.9	0.45	0.28	32	
	4/22/76	31	5.8	4	40	2.7	0.75	83	1.5	15	1.0	0.28	31	
	AVG.	50	6.9	3.3	36	3.93	0.74	111	2.2	20	3.4	0.42	66	
RANGE	15-174	5.5-7.8	0-8	8-60	1.2-11	0-1.4	18-275	0-8.4	2.1-54	0.36-23	0-0.94	3.2-230		
112	5/7/75	DRY							0	0	0	0	0	
	6/16/75	DRY							0	0	0	0	0	
	7/22/75	DRY							0	0	0	0	0	
	8/20/75	DRY							0	0	0	0	0	
	9/16/75	DRY							0	0	0	0	0	
	10/15/75	DRY							0	0	0	0	0	
	11/12/75	DRY							0	0	0	0	0	
	12/15/75	DRY							0	0	0	0	0	
	1/26/76	DRY							0	0	0	0	0	
	2/17/76	40	6.8	4	22	0.05	0	70	1.9	11	0.02	0	34	
	3/29/76		6.3	4	8	0.6	0	75						
		SAMPLE	DISCONTINUED											
	AVG.	4.0	6.7	4	15	0.33	0	73	0.19	1.1	0	0	3.4	
RANGE	0-40	6.3-6.8	4	8-22	0.05-0.6	0	70-75	0-1.9	0-11	0-0.02	0	0-34		
113	5/7/75	8.9	4.0	12	0	0	0	275	1.3	0	0	0	29	
	6/10/75	4.9	3.9	18	0	0.4	0	225	1.1	0	0.02	0	13	
	7/22/75	DRY							0	0	0	0	0	
	8/20/75	DRY							0	0	0	0	0	
	9/16/75	2.2	3.9	32	0	1.2	0.13	90	0.84	0	0.03	0	2.4	
	10/15/75	DRY							0	0	0	0	0	
	11/12/75	6.1	5.4	8	10	1.8	0.45	70	0.59	0.73	0.13	0.03	5.1	
	12/15/75	11	5.4	12	4	1.1	0.3	140	1.6	0.53	0.15	0.04	18	
	1/26/76	2.2	4.6	8	4	0.08	0	115	2.1	1.1	0.02	0	30	
	2/17/76	50	4.3	16	12	0.1	0	70	96	7.2	0.06	0	42	
	3/29/76	3	4.5	12	8	0.06	0	100	0.43	0.29	0	0	3.6	
	4/22/76	0.76	4.0	10	0	0.5	0.3	75	0.09	0	0	0	0.68	
	AVG.	9.1	4.4	14	4.2	0.58	0.13	129	1.5	0.82	0.03	0.1	12	
RANGE	0-50	3.9-5.4	8-32	0-12	0-1.8	0-0.45	70-275	0-9.6	0-7.2	0-0.15	0-0.04	0-42		

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
114	5/7/75	DRY							0	0	0	0	0
	6/10/75	DRY							0	0	0	0	0
	7/22/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/15/75	DRY							0	0	0	0	0
	11/12/75	DRY							0	0	0	0	0
	12/15/75	DRY							0	0	0	0	0
	1/26/76	DRY							0	0	0	0	0
	2/17/76	250	4.7	12	36	0.3	0	75	36	108	0.9	0	225
	4/22/76		4.1	10	10	0.3	0.15	75					
	AVG.	2.5	4.4	11	23	.3	.08	75	3.6	11	0.09	0	23
	RANGE	0-250	4.1-4.7	10-12	10-36	0.3	0-0.15	75	0-36	0-108	0-0.9	0	0-225
	115	5/7/75	3.8	2.7	120	0	2.5	0	300	5.5	0	0.11	0
6/10/75		17	3.0	560	0	5.1	0	350	114	0	1.0	0	71
7/22/75		3.0	2.9	130	0	4.9		100	4.7	0	0.18		3.6
8/20/75		2.2	3.0	168	0	8.0		86	4.4	0	0.21		2.3
9/16/75		3.8	3.3	168	0	8.3	0.38	190	7.7	0	0.38	0.02	8.7
10/15/75		6.1	3.2	152	0	6.4	0.25	600	11	0	0.47	0.02	44
11/12/75		6.1	3.1	96	0	4.5	0.15	130	7	0	0.33	0.01	9.5
12/15/75		7.5	3.1	100	0	3.9	0.25	350	9.0	0	0.35	0.02	32
1/26/76		8.9	3.3	94	0	2.8	0.35	140	10	0	0.30	0.04	15
2/17/76		38	3.8	36	0	4.7	0	90	16	0	2.1	0	41
3/29/76		6	3.5	82	0	3.2	0	115	5.9	0	0.23	0	8.3
4/22/76		6.1	3.0	84	0	2.4	0	115	6.1	0	0.18	0	8.4
AVG.		9.01	3.2	149	0	4.7	0.14	214	17	0	0.49	0.01	21
RANGE		2.2-38	2.7-3.8	36-560	0	2.4-8.3	0-0.38	86-600	4.4-114	0	0.11-2.1	0-0.04	2.3-71
116		5/7/75	1.7	4.8	2	2	0	0	325	0.04	0.04	0	0
	6/10/75	1.7	5.0	6	4	0	0	300	0.12	0.08	0	0	6.1
	SAMPLE	DISCONTINUED											
	AVG.	1.7	4.9	4	3	0	0	313	0.08	0.06	0	0	6.4
	RANGE	1.7	4.8-5.0	2-6	2-4	0	0	300-325	0.04-0.12	0.04-0.08	0	0	6.1-6.6
117	5/7/75	22	5.3	4	4	0	0	275	1.1	1.1	0	0	73
	6/10/75	17	5.2	4	4	0	0	300	0.82	0.82	0	0	61
	7/22/75	1.1	6.5	0	46	0.64		30	0	0.61			0.4
	SAMPLE	DISCONTINUED											
	AVG.	13	5.7	2.7	18	.21	0	202	0.64	0.84	0.01	0	45
RANGE	1.1-22	5.2-6.5	0-4	4-46	0-0.64	0	30-300	0-1.1	0.61-1.1	0-0.01	0	0.4-73	
118	TOO DISSIPATED TO MEASURE - SAMPLED AT # 47												
119	5/7/75	3.8	2.9	320	0	21	5.6	1350	15	0	.96	0.26	62
	6/10/75	6.1	2.8	500	0	20	0	1325	37	0	1.5	0	97
	7/22/75	3.8	2.7	530	0	14		1496	24	0	0.64		68
	8/20/75	0.1	3.0	560	0	11		1260	0.67	0	0.01		1.5
	9/16/75	8.9	3.5	408	0	31	1.9	1350	44	0	3.3	0.20	144
	10/15/75	0.4	2.8	384	0	28	0.95	950	1.8	0	0.13	0	4.6
	11/12/75	12	3.1	64	0	28	28	1140	9.2	0	4.0	4.0	164
	12/15/75	17	3.8	312	0	16	7.1	525	64	0	3.3	1.5	107
	1/26/76	12	3.3	274	0	28	8.7	385	39	0	4.0	1.3	55
	2/17/76	60	3.5	290	0	29	15	780	209	0	21	11	562
	3/25/76	8.9	3.3	358	0	29	13	1125	38	0	3.1	1.3	120
	4/22/76	4.9	3.0	278	0	27	11	1025	16	0	1.6	0.65	66
	AVG.	11	3.1	357	0	24	7.6	1059	41	0	3.6	1.7	121
	RANGE	0.1-60	2.7-3.8	64-560	0	11-31	0-2.8	385-1496	0.67-209	0	0.01-21	0-11	1.5-562
120	5/7/75	0.1	2.9	420	0	6.6	1.12	700	0.50	0	0.01	0	0.84
	6/10/75	DRY							0	0	0	0	0
	7/22/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/15/75	DRY							0	0	0	0	0
	11/12/75	1.1	3.4	216	0	2.4	0.45	350	2.9	0	0.03	0.01	4.6
	12/15/75	2.2	4.0	132	0	0.7	0.4	95	3.5	0	0.02	0.01	2.5
	1/26/76	FROZEN											
	2/17/76	7.5	3.9	202	0	3.4	1.6	250	18	0	0.31	0.14	23
	3/24/76	1.1	3.0	460	0	9.1	2.4	650	6.1	0	0.12	0.03	8.6
	4/27/76	DRY								0	0	0	0
	AVG.	1.1	3.4	286	0	4.4	1.2	409	2.6	0	0.04	0.02	3.3
	RANGE	0-7.5	2.9-4.0	132-460	0	0.7-9.1	0.4-2.4	95-700	0-18	0	0-0.31	0-0.14	0-23

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
121	5/7/75	2.2	2.9	360	0	6.5	0	575	9.5	0	0.17	0	15
	6/10/75	1.7	2.8	500	0	12	1.1	525	10	0	0.24	0.02	11
	7/22/75	0.1	2.8	1450	0	26		704	1.7	0	0.03		0.84
	8/20/75	DRY							0	0	0	0	0
	9/16/75	0.8	3.1	336	0	45	1.9	650	3.2	0	0.43	0.02	6.2
	10/15/75	0.4	3.3	472	0	15	2.3	750	2.3	0	0.07	0.01	3.6
	11/12/75	2.2	3.4	176	0	3.1	0.6	350	4.6	0	0.08	0.02	9.2
	12/15/75	6.1	4.0	180	0	2.6	0.4	120	13	0	0.19	0.03	8.8
	1/26/76	8.9	3.7	68	0	0.7	0.4	93	7.3	0	0.07	0.04	9.9
	2/17/76	11	3.7	118	0	3.8	0.8	350	16	0	0.50	0.11	46
	3/24/76	1.6	3.0	376	0	6.4	1.2	500	7.2	0	0.12	0.02	9.6
	4/27/76	2.2	3.1	322	0	7.3	2.0	600	8.5	0	0.19	0.05	16
	AVG.	3.1	3.3	396	0	12	1.1	474	6.9	0	0.17	0.03	11
	RANGE	0 - 11	2.8 - 4.0	68 - 1450	0	0.7 - 45	0 - 2.3	93 - 750	0 - 15	0	0 - 0.5	0 - 0.11	0 - 46
122	5/7/75	34	2.9	340	0	21	6.7	850	139	0	8.6	2.7	347
	6/10/75	8.9	3.0	500	0	24	28	825	53	0	2.6	3.0	88
	7/22/75	6.1	2.8	250	0	27		814	18	0	2.0		60
	8/20/75	0.4	3.0	800	0	12		1,092	3.8	0	0.06		5.2
	9/16/75	8.9	3.3	368	0	48	8	1,000	39	0	5.1	0.85	107
	10/15/75	4.9	3.4	504	0	27	1.0	900	30	0	1.6	0.06	53
	11/12/75	11	3.2	352	0	23	5.9	700	46	0	3.0	0.78	92
	12/15/75	34	3.9	488	0	43	23	575	199	0	18	9.4	235
	1/26/76	70	3.2	466	0	28	20	563	391	0	24	17	473
	2/17/76	184	3.8	32	0	20	11	550	71	0	44	24	1214
	3/24/76	19	2.9	486	0	40	19	900	112	0	9.1	4.3	205
	4/27/76	25	3.2	566	0	55	33	925	170	0	17	9.9	278
	AVG.	34	3.2	429	0	31	16	808	106	0	11	7.2	263
	RANGE	0.4 - 184	2.8 - 3.9	32 - 800	0	12 - 55	1.0 - 33	550 - 1,092	38 - 391	0	0.6 - 44	0.06 - 24	5.2 - 1214
123	5/7/75	2.2	3.1	288	0	6.7	0	925	7.6	0	0.18	0	24
	6/10/75	12	3.1	268	0	2.6	0	875	39	0	0.37	0	126
	7/23/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/16/75	0.4	3.4	372	0	18	0.63	900	1.8	0	0.09	0	4.3
	10/15/75	DRY							0	0	0	0	0
	11/12/75	DRY							0	0	0	0	0
	12/15/75	0.2	4.3	68	12	2.1	0.9	75	0.16	0.01	0	0	0.18
	1/26/76	2.2	3.5	230	0	1.1	0.8	365	6.1	0	0.03	0.02	9.6
	2/25/76	50	3.0	372	0	1.6	0.5	660	223	0	0.96	0.30	396
	3/24/76	DRY							0	0	0	0	0
	4/27/76	DRY							0	0	0	0	0
	AVG.	5.6	3.4	266	2	5.4	.47	633	23	0	0.14	0.03	474
	RANGE	0 - 50	3.0 - 4.3	68 - 372	0 - 12	1.1 - 18	0 - 0.9	75 - 925	0 - 223	0 - 0.01	0 - 0.96	0 - 0.30	0 - 396
124	5/7/75	1.1	3.0	362	0	5.1	0	900	4.8	0	0.08	0	12
	6/10/75	3.8	2.8	600	0	7.2	1.1	825	27	0	0.33	0.05	38
	7/23/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/16/75	0.2	3.2	472	0	34	0.63	1,000	1.1	0	0.08	0	2.4
	10/15/75	DRY							0	0	0	0	0
	11/12/75	DRY							0	0	0	0	0
	12/15/75	0.2	3.8	144	0	2.9	0.8	210	0.35	0.01	0	0	0.50
	1/26/76	2.2	3.2	390	0	4.3	0.4	950	10	0	0.11	0.01	25
	2/25/76	3.8	3.0	410	0	3.8	0	875	19	0	0.17	0	40
	3/24/76	0.4	3.0	364	0	4.5	0.5	750	1.8	0	0.02	0	3.6
	4/27/76	DRY							0	0	0	0	0
	AVG.	0.98	3.1	392	0	8.8	.49	787	5.3	0	0.07	0.01	10
	RANGE	0 - 3.8	2.8 - 3.8	144 - 600	0	2.9 - 34	0 - 1.1	210 - 1,000	0 - 27	0 - 0.01	0 - 0.33	0 - 0.05	0 - 40

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
125	5/7/75	12	3.1	150	0	3.9	1.1	375	22	0	0.56	0.16	54
	6/10/75	6.1	3.1	178	0	5.1	0	350	13	0	0.37	0	26
	7/22/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/15/75	DRY							0	0	0	0	0
	11/12/75	1.7	4.5	16	2	0.3	0.2	98	0.33	0.04	0.01	0	2.0
	12/15/75	3.8	5.0	32	30	0.4	0.05	120	1.5	1.4	0.02	0	5.5
	1/26/76	6.1	4.7	16	14	0.2	0	80	1.2	1.0	0.01	0	5.9
	2/17/76	70	3.5	190	0	4.5	3.5	310	160	0	3.8	2.9	260
	3/24/76	DRY							0	0	0	0	0
	4/27/76	DRY							0	0	0	0	0
	AVG.	8.3	4.0	97	7.7	2.4	.81	222	17	0.20	0.40	0.26	29
	RANGE	0 - 70	3.1- 5.0	16- 190	0- 30	0.2- 5.1	0- 3.5	80- 375	0- 160	0- 1.4	0- 3.8	0- 2.9	0- 260
126	TOO DISSIPATED TO SAMPLE WHEN FLOWING												
127	5/7/75	12	4.1	96	0	0.4	0	375	14	0	0.06	0	54
	6/10/75	4.9	3.8	104	0	0.5	0	375	6.1	0	0.03	0	22
	7/22/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/15/75	2.2	3.7	120	0	0.3	0.1	290	3.2	0	0.01	0	7.7
	11/12/75	22	4.1	52	2	0.5	0.35	160	14	0.53	0.13	0.09	42
	12/15/75	31	4.8	76	30	0.3	0.05	165	28	11	0.11	0.02	61
	1/20/76	2	3.8	150	0	0.2	0	325	3.6	0	0	0	7.8
	2/19/76	42	4.3	44	6	0.6	0.2	175	22	3.0	0.30	0.10	88
	3/29/76	6	4.0	130	0	0.2	0.07	550	9.4	0	0.01	0.01	40
	4/22/76	17	4.1	102	0	0.5	0.43	400	21	0	0.10	0.09	82
	AVG.	12	4.1	97	4.2	0.39	.13	313	10	1.2	0.06	0.03	34
	RANGE	0 - 42	3.7- 4.8	44- 150	0- 30	0.2- 0.6	0- 0.43	160- 550	0- 28	0- 11	0- 0.3	0- 0.1	0- 88
128	5/7/75	1.1	4.2	54	0	0	0	250	0.71	0	0	0	3.3
	6/10/75	0.8	4.2	52	0	0	0	250	0.50	0	0	0	2.4
	7/22/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/15/75	DRY							0	0	0	0	0
	11/12/75	2.2	4.0	20	0	0.1	0.1	300	0.53	0	0	0	7.9
	12/15/75	17	4.6	124	40	0.1	0	315	25	8.2	0.02	0	64
	1/20/76	FROZEN											
	2/19/76	60	3.9	100	0	0.08	0	250	72	0	0.06	0	180
	3/29/76	3	4.0	80	0	0.06	0	178	2.9	0	0	0	6.4
	4/22/76	4.9	4.1	156	0	0.07	0	575	9.2	0	0	0	34
	AVG.	8.0	4.1	84	5.7	0.06	0.01	303	10	0.75	0.01	0	2.7
	RANGE	0 - 60	3.9- 4.6	20- 156	0- 40	0- 0.1	0- 0.1	178- 575	0- 72	0- 8.2	0- 0.06	0	0- 180
129	5/7/75	11	3.1	460	0	4.8	0	1,375	61	0	0.63	0	182
	6/10/75	82	3.2	487	0	4.9	0	1,200	479	0	4.8	0	1,181
	7/22/75	22	3.1	610	0	4.3		1,058	161	0	1.1		279
	8/20/75	42	3.2	760	0	5.3		1,134	383	0	2.7		572
	9/18/75	129	3.2	408	0	5.3	0.25	1,180	632	0	8.2	0.39	1,827
	10/15/75	51	3.6	560	0	8.3	2.7	1,100	343	0	5.1	1.7	673
	11/12/75	106	3.3	88	0	9.8	9.8	1,140	112	0	12	12	1,450
	12/15/75	1.3	3.3	444	0	8.6	4.0	825	6.9	0	0.13	0.06	13
	1/22/76	0.2	3.3	510	0	6.0	3.4	1,150	1.2	0	0.01	0.01	2.8
	2/19/76	400	4.0	90	0	2.2	1.0	800	432	0	11	4.8	3,840
	3/29/76	0.4	3.5	400	0	3.6	1.8	700	1.9	0	0.02	0.01	3.4
	4/22/76	0.25	3.3	146	0	3.8	1.8	800	0.4	0	0.01	0.01	2.4
	AVG.	70	3.3	414	0	9.6	2.5	1,039	218	0	10	1.9	835
	RANGE	0.2- 400	3.1- 4.0	88- 760	0	2.2- 5.3	0- 9.8	700- 1,375	0.4- 632	0	0.01- 8.2	0- 12	2.4- 3,840

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow gpm	pH	Acidity mg/l	Alkalinity mg/l	Total Iron mg/l	Ferrous Iron mg/l	Sulfates mg/l	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
130	5/7/75	12	3.2	644	0	2.5	0	1,375	93	0	0.98	0	198
	6/10/75	28	3.1	787	0	2.5	0	1,500	264	0	0.84	0	504
	7/22/75	2.2	3.1	560	0	3.7	0	1,298	15	0	0.10	0	34
	8/20/75	3.8	3.3	880	0	2.6	0	1,218	40	0	0.12	0	56
	9/16/75	17	3.5	568	0	66	0.25	1,400	116	0	13	0.05	286
	10/15/75	8.9	3.9	584	0	2.9	0.3	1,300	62	0	0.31	0.03	139
	11/12/75	6.1	3.2	544	0	2.9	0.35	1,000	40	0	0.21	0.03	73
	12/15/75	11	3.3	680	0	2.3	0.6	925	90	0	0.30	0.08	122
	1/22/76	6.1	3.1	680	0	3.0	0.9	1,425	50	0	0.22	0.07	104
	2/19/76	116	3.7	620	0	3.3	0.7	1,125	863	0	4.6	0.97	1,566
	3/29/76	11	3.5	720	0	3.2	0.7	1,025	95	0	0.42	0.09	135
	4/22/76	3.8	3.2	654	0	3.1	0.8	1,638	30	0	0.14	0.04	75
	AVG.	19	3.3	660	0	8.2	0.46	1,269	147	0	1.77	0.11	274
	RANGE	2.2- 116	3.1- 3.9	544- 880	0	2.3- 66	0- 0.9	925- 1,500	15- 863	0	0.10- 13	0- 0.97	34- 1,566
131	2/19/76		3.7	232	0	4.2	0.8	600					
	3/29/76		3.6	326	0	7.0	0	663					
	4/22/76		3.2	254	0	5.3	1.3	825					
	AVG.		3.5	271	0	5.5	.7	696					
	RANGE		3.2- 3.7	232- 326	0	4.2- 7.0	0- 1.3	600- 825					
132	5/7/75	123	3.3	132	0	0.9	0	325	195	0	1.3	0	480
	6/10/75	94	3.3	136	0	1.4	0	425	153	0	1.6	0	479
	7/22/75	34	3.2	650	0	1.5	0	550	265	0	0.61	0	224
	8/20/75	12	3.4	280	0	1.8	0	504	40	0	0.26	0	73
	9/16/75	39	3.6	196	0	13	0.5	410	92	0	6.1	0.23	92
	10/15/75	22	3.7	176	0	1.6	0.35	330	46	0	0.42	0.09	87
	11/12/75	28	3.4	208	0	1.8	0.15	575	70	0	0.60	0.05	193
	12/15/75	42	3.5	204	0	1.5	0.6	310	103	0	0.76	0.30	156
	1/20/76	46	3.4	190	0	1.3	0.5	400	105	0	0.72	0.28	221
	2/19/76	1094	3.6	314	0	4.2	1.0	750	4,122	0	55	13	9846
	3/29/76	88	3.7	190	0	1.2	0.5	438	201	0	1.3	0.53	463
	4/22/76	42	3.4	170	0	1.2	0.48	400	86	0	0.60	0.24	202
	AVG.	139	3.5	237	0	2.6	0.41	451	457	0	5.8	1.5	1051
	RANGE	12- 1094	3.2- 3.7	132- 650	0	0.9- 12.5	0- 1.0	310- 750	40- 4,122	0	0.42- 55	0- 13	73- 9846
133	5/7/75	28	3.0	350	0	3.0	0	1,075	118	0	1.0	0	361
	6/10/75	34	3.1	458	0	4.3	0	1,175	187	0	1.8	0	479
	7/22/75	3.8	3.0	240	0	2.7	0	924	11	0	0.12	0	42
	8/20/75	2.2	3.3	360	0	1.3	0	506	95	0	0.03	0	13
	9/16/75	8.9	3.5	288	0	20	0.13	750	31	0	2.1	0.01	80
	10/15/75	4.9	3.6	288	0	1.7	0.35	575	17	0	0.1	0.02	34
	11/12/75	12	3.3	272	0	2.4	0.5	575	39	0	0.35	0.07	83
	12/15/75	22	3.3	312	0	2.3	0.4	150	82	0	0.61	0.11	40
	1/20/76	22	3.1	454	0	3.4	1.4	850	120	0	0.90	0.37	224
	2/19/76	397	3.5	476	0	11	1.0	1,200	2,268	0	52	4.8	5717
	3/29/76	31	3.6	346	0	2	0.6	675	129	0	0.74	0.22	251
	4/22/76	12	3.2	244	0	1.5	0.53	575	35	0	0.22	0.08	83
	AVG.	48	3.3	341	0	4.6	0.49	753	254	0	5.0	0.57	617
	RANGE	2.2- 397	3.0- 4.0	240- 476	0	1.3- 20	0- 1.4	150- 1,200	9.5- 2,268	0	0.3- 52	0- 4.8	13- 5,717
134	5/8/75	6.1	3.3	76	0	0.6	0	275	5.6	0	0.04	0	20
	6/11/75	2.2	3.3	82	0	1.2	0	350	2.2	0	0.03	0	9.2
	7/23/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/16/75	0.2	3.5	160	0	38	0.19	270	0.38	0	0.09	0	0.65
	10/15/75	0.4	3.7	144	0	2.5	0.9	350	0.69	0	0.01	0	1.7
	11/13/75	2.2	3.3	132	0	2.9	0.3	310	3.5	0	0.08	0.01	8.2
	12/15/75	7.5	3.3	160	0	3.6	0.2	173	14	0	0.32	0.02	16
	1/21/76	FROZEN											
	2/19/76	2.2	3.9	90	0	1.3	0.4	175	24	0	0.34	0.11	46
	3/29/76	4.9	3.8	84	0	0.8	0.1	150	4.9	0	0.05	0.01	8.8
	4/27/76	3.8	3.4	84	0	1.2	1.2	193	3.8	0	0.05	0.05	8.8
	AVG.	4.5	3.5	112	0	5.8	0.37	250	5.4	0	0.09	0.02	11
	RANGE	0.2- 22	3.3- 3.9	76- 160	0	0.6- 37.5	0- 1.2	150- 350	0- 24	0	0- 0.34	0- 0.11	0- 46

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
135	5/8/75	0.4	3.2	1,116	0	7.7	0	1,850	5.4	0	0.04	0	8.9
	6/11/75	1.1	3.3	1,300	0	7.6	0	2,000	17	0	0.10	0	26
	7/22/75	0.4	3.1	320	0	8.7		2,420	1.5	0	0.04		12
	8/20/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/15/75	DRY							0	0	0	0	0
	11/13/75	1.1	3.3	1,136	0	11	3.8	2,200	15	0	0.15	0.05	29
	12/15/75	12	4.7	68	8	0.95	0.45	103	9.8	1.2	0.14	0.06	15
	1/26/76	12	6.2	12	14	0.1	0	83	1.7	2.0	0.01	0	12
	2/18/76	12	3.8	186	0	0.7	0.2	275	27	0	0.10	0.03	40
	3/24/76	0.4	3.5	1,260	0	6.1	1.8	1,900	6.0	0	0.03	0.01	9.1
	4/27/76	0.42	3.4	1,032	0	5.9	2.0	2,000	5.2	0	0.03	0.01	10
	AVG.	3.3	3.8	714	2.44	5.4	1.0	1,426	7.4	0.27	0.05	0.01	14
	RANGE	0 - 12	3.1 - 6.2	12 - 1,300	0 - 14	0.1 - 11	0 - 3.8	83 - 2,420	0 - 27	0 - 2.0	0 - 0.15	0 - 0.06	0 - 40
136	5/8/75	DRY							0	0	0	0	0
	6/11/75	DRY							0	0	0	0	0
	7/22/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/15/75	DRY							0	0	0	0	0
	11/13/75	DRY							0	0	0	0	0
	12/15/75	DRY							0	0	0	0	0
	1/26/76	FROZEN											
	2/24/76	22	3.5	1,024	0	24	19	1,750	270	0	6.3	5.0	462
	3/24/76	0.8	3.4	1,246	0	14	5.6	1,950	12	0	0.13	0.05	19
	4/27/76	DRY							0	0	0	0	0
	AVG.	2.1	3.5	1,135	0	19	12	1,850	26	0	0.58	0.46	44
	RANGE	0 - 2.2	3.4 - 3.5	1,024 - 1,246	0	14 - 24	5.6 - 19	1,750 - 1,950	0 - 270	0	0 - 6.3	0 - 5.0	0 - 462
137	5/8/75	12	2.9	400	0	30	4.5	1,625	58	0	4.3	0.65	234
	6/11/75	12	2.9	600	0	40	1.1	1,900	86	0	5.8	0.16	274
	7/22/75	8.9	2.9	370	0	45		2,100	40	0	4.8		224
	8/21/75	6.1	3.0	1,040	0	51		1,932	76	0	3.7		141
	9/16/75	11	3.6	484	0	59	11	1,750	64	0	7.8	1.5	231
	10/14/75	11	2.5	848	0	70	4.5	1,400	112	0	9.2	0.59	185
	11/13/75	12	3.0	768	0	63	2.5	2,200	111	0	9.1	0.36	317
	12/16/75	12	3.8	588	0	43	2.8	1,350	85	0	6.2	0.40	194
	1/26/76	FROZEN											
	2/25/76	34	2.8	554	0	13	1.4	1,450	226	0	5.3	0.57	592
	3/24/76	15	3.3	366	0	26	0	1,450	66	0	4.7	0	261
	4/22/76	12	3.0	370	0	27	3.0	1,763	53	0	3.9	0.43	254
	AVG.	13	3.1	581	0	42	3.4	1,720	89	0	5.9	0.52	264
	RANGE	6.1 - 34	2.5 - 3.8	366 - 1,040	0	13 - 70	0 - 11	1,350 - 2,200	40 - 226	0	3.7 - 9.2	0 - 1.5	141 - 596
138	5/8/75	6.1	4.1	158	0	0	0	500	12	0	0	0	37
	6/11/75	6.1	4.4	112	0	0.3	0	300	8.2	0	0.02	0	22
	7/22/75	2.2	4.1	160	2	0.46		462	4.2	0.05	0.01		12
	8/20/75	2.2	4.4	250	6	4.1		440	6.6	0.16	0.11		12
	9/16/75	2.2	4.5	224	10	13	2	400	5.9	0.26	0.34	0.05	11
	10/15/75	3.8	4.5	188	20	0.4	0.2	330	8.6	0.91	0.02	0.01	15
	11/13/75	6.1	4.3	216	10	0.2	0.15	350	16	0.73	0.01	0.01	26
	12/15/75	12	4.5	88	10	0.4	0.25	213	13	1.4	0.06	0.04	31
	1/26/76	8.9	3.7	120	0	0.3	0	225	13	0	0.03	0	24
	2/18/76	55	4.0	54	0	0.1	0	150	36	0	0.07	0	99
	3/24/76	4.9	3.8	200	0	0.1	0	625	12	0	0.01	0	37
	4/27/76	4.9	4.3	160	0	0.06	0	663	9.4	0	0	0	39
	AVG.	9.5	4.2	161	4.83	1.6	0.26	388	12	0.29	0.06	0.01	17
	RANGE	2.2 - 55	3.7 - 4.5	54 - 250	0 - 20	0 - 13	0 - 2	150 - 663	4.2 - 36	0 - 1.4	0 - 0.34	0 - 0.05	11 - 99

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
139	5/8/75	0.4	3.1	1113	0	6.1	0	2,450	5.3	0	0.03	0	12	
	6/11/75	1.1	3.2	798	0	6.4	0	1,750	11	0	0.08	0	23	
	7/22/75	1.7	3.1	40	0	0		1,848	0.82	0	0	0	38	
	8/20/75	DRY							0	0	0	0	0	
	9/16/75	DRY							0	0	0	0	0	
	10/15/75	DRY							0	0	0	0	0	
	11/13/75	DRY							0	0	0	0	0	
	12/15/75	DRY							0	0	0	0	0	
	1/26/76	2.2	3.6	122	0	1.1	0.6	190	3.2	0	0.03	0.02	5.0	5.0
	2/18/76	3	3.3	732	0	4.8	0	1,458	26	0	0.17	0	52	52
	3/24/76	0.4	3.5	1112	0	5.7	0	1,875	5.3	0	0.03	0	9	9
	4/27/76	DRY								0	0	0	0	0
AVG.	0.73	3.3	653	0	4.0	0.1	1,595	4.3	0	0.03	0	12	12	
RANGE	0 - 3	3.1 - 3.6	40 - 1113	0	0 - 6.4	0 - 0.6	190 - 2,450	0 - 26	0	0 - 0.17	0 - 0.02	0 - 5.0	0 - 52	
140	5/8/75	0.1	3.0	820	0	3.4	0	1,350	0.62	0	0	0	1.6	
	6/11/75	1.1	3.1	642	0	4.5	0	1,325	8.5	0	0.06	0	17	
	7/22/75	DRY							0	0	0	0	0	
	8/20/75	DRY							0	0	0	0	0	
	9/16/75	DRY							0	0	0	0	0	
	10/15/75	DRY							0	0	0	0	0	
	11/13/75	DRY							0	0	0	0	0	
	12/15/75	DRY							0	0	0	0	0	
	1/26/76	DRY							0	0	0	0	0	
	2/18/76	3	3.2	638	0	6.1	0	1,708	23	0	0.22	0	61	61
	3/24/76	DRY								0	0	0	0	0
	4/27/76	DRY								0	0	0	0	0
AVG.	0.35	3.1	600	0	4.7	0	1,461	2.7	0	0.02	0	6.6	6.6	
RANGE	0 - 3	3.0 - 3.2	638 - 820	0	3.4 - 6.1	0	1,325 - 1,708	0 - 23	0	0 - 0.22	0	0 - 6.1	0 - 61	
141	5/8/75	17	3.9	34	0	3.2	1.1	425	6.9	0	0.65	0.22	87	
	6/11/75	6.1	4.0	44	0	16	0	325	3.2	0	1.2	0	24	
	7/22/75	2.2	3.6	90	0	12		1,260	2.4	0	0.32		33	
	8/21/75	6.1	3.8	60	0	13		462	4.4	0	0.95		34	
	9/16/75	8.9	4.0	56	0	10	1.8	590	6.0	0	1.1	0.19	63	
	10/15/75	6.1	4.0	40	0	4.4	1.8	375	2.9	0	0.32	0.13	27	
	11/13/75	11	4.5	40	6	4.7	4.7	215	5.3	0.79	0.62	0.62	28	
	12/15/75	15	6.1	14	32	2.2	1.6	100	2.5	5.8	0.40	0.29	18	
	1/26/76	2.8	7.3	10	18	1.5	0.9	98	3.4	6.0	0.50	0.30	33	
	2/18/76	12	4.7	50	1	2.0	1.2	225	7.2	0.14	0.29	0.17	32	
	3/22/76	15	4.2	42	2	1.7	1.4	225	7.6	0.36	0.31	0.25	41	
	4/21/76	12	4.1	62	4	2.1	1.5	255	8.9	0.58	0.30	0.22	37	
AVG.	12	4.5	45	5.3	6.1	1.6	380	5.1	1.1	0.58	0.24	38		
RANGE	2.2 - 28	3.6 - 7.3	10 - 90	0 - 32	1.5 - 16	0 - 4.7	98 - 1,260	2.4 - 8.9	0 - 6.0	0.29 - 1.2	0 - 0.62	0 - 18	18 - 87	
142	5/8/75	11	4.6	4	2	0.1	0	325	0.53	0.26	0.01	0	43	
	6/11/75	12	4.3	10	0	1.4	0	225	1.4	0	0.20	0	32	
	7/22/75	2.2	4.0	130	0	3.0		550	3.0	0	0.1		14	
	8/21/75	3.8	4.0	14	0	7.7		40	0.64	0	0.35		1.8	
	9/16/75	6.1	4.4	12	4	1.4	1.0	75	0.88	0.29	0.10	0.07	5.5	
	10/16/75	8.9	4.2	16	12	1.6	1.4	65	1.7	1.3	0.17	0.15	6.9	
	11/13/75	6.1	4.0	24	0	2.6	1.5	75	1.8	0	0.19	0.11	5.5	
	12/15/75	12	4.3	10	6	1.4	1.0	70	1.4	0.86	0.20	0.14	10	
	1/26/76	8.9	4.8	14	6	0.6	0.6	70	1.5	0.64	0.06	0.06	7.5	
	2/18/76	70	7.2	2	2	0.02	0	50	1.7	1.7	0.02	0	42	
	3/22/76	0.07	4.0	26	0	0.2	0.05	125	0.02	0	0	0	0.11	
	4/21/76	DRY							0	0	0	0	0	
AVG.	12	4.5	24	2.9	1.8	0.50	152	1.2	0.42	0.12	0.04	14	14	
RANGE	0 - 70	4.0 - 7.2	2 - 130	0 - 12	0.02 - 7.7	0 - 1.5	40 - 550	0 - 3	0 - 1.7	0 - 0.35	0 - 0.05	0 - 0.11	0 - 43	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
143	5/8/75	DRY							0	0	0	0	0
	6/11/75	DRY							0	0	0	0	0
	7/22/75	DRY							0	0	0	0	0
	8/21/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/16/75	DRY							0	0	0	0	0
	11/13/75	DRY							0	0	0	0	0
	12/15/75	DRY							0	0	0	0	0
	1/26/76	DRY							0	0	0	0	0
	2/18/76	22	5.7	10	1	1.8	0.5	55	2.6	0.26	0.48	0.1	15
	3/22/76	11	5.1	12	10	0.4	0.4	75	1.6	1.3	0.01	0.01	9.9
	4/21/76	3.0	4.3	10	8	1.2	0.87	88	0.36	0.29	0.04	0.03	3.2
	AVG.	3.0	5.0	11	6.3	1.1	0.59	73	0.38	.15	0.04	0.01	2.3
RANGE	0 - 22	4.3 - 5.7	10 - 12	1 - 10	0.4 - 1.8	0.4 - 0.87	55 - 88	0 - 2.6	0 - 1.3	0 - 0.48	0 - 0.1	0 - 15	
144	5/8/75	17	3.1	528	0	8.2	3.4	3,200	108	0	1.7	0.69	653
	6/11/75	22	3.3	568	0	10	0	1,975	150	0	2.6	0	521
	7/22/75	6.1	3.2	80	0	8.7		1,606	5.9	0	0.64		118
	8/21/75	8.9	3.3	1,240	0	11		1,760	132	0	1.2		188
	9/16/75	17	3.4	308	0	15	0.88	1,050	63	0	3.1	0.18	214
	10/16/75	15	2.8	448	0	4.3	0.8	950	81	0	0.77	0.14	171
	11/13/75	22	3.3	416	0	5.0	0.7	1,050	110	0	1.3	0.18	277
	12/15/75	11	3.5	396	0	14	3.0	1,025	52	0	1.8	0.40	135
	1/26/76	34	3.5	334	0	4.7	1.5	760	136	0	1.9	0.61	310
	2/18/76	60	3.5	520	0	13	2.5	3,333	374	0	9.4	1.8	2,400
	3/22/76		3.4	580	0	6.9	0	1,450					
	4/21/76	0.42	3.3	620	0	8.3	2.3	1,663	3.1	0	0.04	0.01	8.4
	AVG.	19	3.3	503	0	9.1	1.5	1,652	110	0	2.2	0.45	454
RANGE	0.42 - 60	2.8 - 3.5	80 - 1,240	0	4.3 - 15	0 - 3.4	760 - 3,333	3.1 - 374	0	0.04 - 9.4	0 - 1.8	8.4 - 2,400	
145	5/8/75	8.9	3.3	124	0	0.7	0	300	13	0	0.07	0	32
	6/11/75	6.1	3.4	116	0	1.0	0	300	8.5	0	0.07	0	22
	7/22/75	3.8	3.2	160	0	1.8		210	7.3	0	0.08		9.6
	8/21/75	1.7	3.3	180	0	2.0		286	3.7	0	0.04		5.8
	9/16/75	2.2	3.4	132	0	11	0.63	200	3.5	0	0.29	0.02	53
	10/16/75	1.7	3.6	176	0	1.9	0.5	210	3.6	0	0.04	0.01	4.3
	11/13/75	3.0	3.3	184	0	1.3	0.1	270	6.6	0	0.05	0	9.7
	12/16/75	8.9	3.3	176	0	1.3	0.25	130	19	0	0.14	0.03	14
	1/27/76	3.0	3.6	148	0	1.0	0	700	5.3	0	0.04	0	25
	2/25/76	6.1	3.2	64	0	1.2	0.25	260	4.7	0	0.09	0.02	19
	3/22/76	3.8	3.8	200	0	1.5	0.2	550	9.1	0	0.07	0.01	25
	4/21/76	3.8	3.4	140	0	1.1	0.42	375	6.4	0	0.05	0.02	17
	AVG.	4.4	3.4	150	0	2.2	0.24	316	7.6	0	0.09	0.01	16
RANGE	1.7 - 8.9	3.2 - 3.8	64 - 200	0	0.7 - 11	0 - 0.63	130 - 700	3.5 - 19	0	0.04 - 0.29	0 - 0.03	4.3 - 32	
146-147	5/8/75	34	3.8	52	0	0.1	0	300	21	0	0.04	0	122
	6/11/75	22	3.9	6	0	0.3	0	325	1.6	0	0.08	0	86
	7/22/75	6.1	3.6	70	0	1.5		286	5.1	0	0.11		21
	8/21/75	6.1	3.7	170	0	1.1		1,980	12	0	0.08		145
	9/16/75	3.8	3.7	60	0	2.0	0.31	180	2.7	0	0.09	0.01	8.2
	10/16/75	3.0	3.9	88	0	1.2	0.35	200	3.2	0	0.04	0.01	7.2
	11/13/75	6.1	3.7	80	0	1.2	0.05	205	5.9	0	0.09	0	15
	12/16/75	12	4.3	100	20	0.6	0.07	290	14	2.9	0.09	0.01	42
	1/27/76	3.8	3.8	60	0	0.3	0	250	2.7	0	0.01	0	11
	2/25/76	28	3.3	68	0	1.4	0.24	275	23	0	0.47	0.08	92
	3/22/76	11	4.0	86	0	0.3	0.2	200	11	0	0.04	0.03	26
	4/21/76	8.9	3.8	60	0	0.4	0.2	218	6.4	0	0.04	0.02	23
	AVG.	12	3.8	75	1.7	0.87	0.14	392	9.1	0.24	0.10	0.02	50
RANGE	3.0 - 34	3.3 - 4.3	6 - 170	0 - 20	0.1 - 2.0	0 - 0.35	180 - 1,980	1.6 - 23	0 - 2.9	0.01 - 0.47	0 - 0.08	7.2 - 145	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
148-149	5/8/75	31	3.7	80	0	0.1	0	450	30	0	0.04	0	167
	6/11/75	12	3.8	114	0	0.7	0	500	16	0	0.10	0	72
	7/22/75	12	3.5	190	0	2.0		396	27	0	0.29		57
	8/21/75	7.5	3.6	90	0	2.4		396	8.1	0	0.22		36
	9/16/75	3.0	3.5	96	0	23	0.63	300	3.5	0	0.83	0.02	11
	10/16/75	3.8	3.8	88	0	3.1	0.6	350	4.0	0	0.14	0.03	16
	11/13/75	4.9	3.5	104	0	3.0	0.1	395	6.1	0	0.18	0.01	23
	12/16/75	12	4.2	120	4	9.5	1.0	415	17	0.58	1.4	0.14	60
	1/27/76	19	3.8	70	0	0.5	0.07	400	16	0	0.11	0.02	91
	2/25/76	50	3.2	42	0	0.5	0.07	360	25	0	0.3	0.04	216
	3/22/76	19	3.9	118	0	0.4	0.3	375	27	0	0.09	0.07	86
	4/21/76	15	3.8	76	0	0.6	0.3	333	14	0	0.11	0.05	60
	AVG.	16	3.7	99	0.33	3.8	0.31	389	16	0.05	0.32	0.04	75
	RANGE	3.0-50	3.2-4.2	42-190	0-4	0.1-23	0-1.0	300-500	3.5-30	0-0.58	0.04-1.4	0-0.14	11-216
150	5/8/75	34	3.7	100	0	0.3	0	650	41	0	0.12	0	265
	6/11/75	34	3.9	104	0	0.5	0	825	42	0	0.20	0	337
	7/22/75	6.1	3.6	30	0	0.51		814	2.2	0	0.04		60
	8/21/75	3.8	3.8	210	0	0.55		1034	9.6	0	0.03		47
	9/16/75	8.9	3.8	160	0	3.5	0.38	1040	17	0	0.37	0.04	111
	10/16/75	6.1	3.9	152	0	0.4	0.2	890	11	0	0.03	0.01	65
	11/13/75	6.1	3.6	184	0	0.4	0.05	810	13	0	0.03	0	59
	12/16/75	17	4.3	160	22	0.4	0.07	1000	33	4.5	0.08	0.01	204
	1/27/76	17	3.7	112	0	0.4	0	925	23	0	0.08	0	189
	2/25/76	65	3.2	170	0	0.3	0.07	380	133	0	0.23	0.05	296
	3/22/76	12	3.9	170	0	0.5	0.3	700	24	0	0.07	0.04	101
	4/21/76	7.5	3.8	114	0	0.3	0.25	1088	10	0	0.03	0.02	98
	AVG.	18	3.8	139	1.8	0.67	0.13	846	30	0.38	0.11	0.02	153
	RANGE	3.8-65	3.2-4.3	30-210	0-22	0.3-3.5	0-0.38	380-1088	2.2-133	0-4.5	0.03-0.37	0-0.05	47-337
151	5/8/75	DRY							0	0	0	0	0
	6/11/75	DRY							0	0	0	0	0
	7/22/75	DRY							0	0	0	0	0
	8/21/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/16/75	DRY							0	0	0	0	0
	11/13/75	DRY							0	0	0	0	0
	12/15/75	DRY							0	0	0	0	0
	1/26/76	DRY							0	0	0	0	0
	2/18/76	7.5	3.7	324	0	1.5	1.3	825	29	0	0.14	0.12	74
	3/22/76	DRY							0	0	0	0	0
	4/21/76	DRY							0	0	0	0	0
	AVG.	0.63	3.7	324	0	1.5	1.3	825	2.4	0	0.01	0.01	6.2
	RANGE	0-7.5	3.7	324	0	1.5	1.3	825	0-29	0	0-0.14	0-0.12	0-74
152	5/8/75	12	3.8	24	0	0	0	250	3.5	0	0	0	36
	6/11/75	6.1	3.9	36	0	0	0	625	2.6	0	0	0	46
	7/22/75	DRY							0	0	0	0	0
	8/21/75	DRY							0	0	0	0	0
	9/16/75	0.4	3.9	60	0	14	0.25	85	0.29	0	0.08	0	0.41
	10/16/75	DRY							0	0	0	0	0
	11/13/75	0.8	3.5	112	0	0.5	0.1	165	1.1	0	0	0	1.6
	12/16/75	17	3.5	116	0	0.8	0.15	155	2.4	0	0.16	0.03	32
	1/27/76	8.9	3.5	90	0	0.4	0	175	9.6	0	0.04	0	19
	2/25/76	12	2.9	82	0	0.6	0.2	240	12	0	0.09	0.03	35
	3/22/76	1.1	3.7	72	0	0.3	0	125	0.95	0	0	0	1.7
	4/21/76	DRY							0	0	0	0	0
	AVG.	4.9	3.6	74	0	2.1	0.09	228	4.5	0	0.03	0.01	14
	RANGE	0-17	2.9-3.9	24-116	0	0-14	0-0.25	85-625	0-24	0	0-0.16	0-0.03	0-46

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
153	5/8/75	22	4.1	18	0	0	0	250	4.8	0	0	0	66	
	6/11/75	15	4.2	22	0	0.1	0	250	4.0	0	0.02	0	45	
	7/23/75	DRY							0	0	0	0	0	
	8/21/75	DRY							0	0	0	0	0	
	9/16/75	1.1	4.0	44	0	0.9	0.19	90	0.58	0	0.01	0	1.2	
	10/16/75	DRY							0	0	0	0	0	
	11/13/75	12	4.0	72	0	0.4	0.15	120	10	0	0.06	0.02	17	
	12/16/75	22	3.9	92	0	0.3	0.1	130	24	0	0.08	0.03	34	
	1/22/76	100	3.8	66	0	4.9	0.65	130	79	0	5.9	0.78	156	
	2/18/76	184	3.7	56	0	0.2	0.2	150	124	0	0.44	0.44	331	
	3/22/76	4.9	3.9	58	0	0.07	0	120	3.4	0	0	0	7.1	
	4/21/76	DRY								0	0	0	0	0
	AVG.	30	4.0	54	0	.86	0.16	155	21	0	0.54	0.11	55	
	RANGE	0 - 184	3.7 - 4.2	18 - 92	0	0 - 4.9	0 - 0.65	90 - 250	0 - 124	0	0 - 5.9	0 - 0.78	0 - 331	
154	5/8/75	12	5.6	6	10	0	0	925	0.86	1.4	0	0	133	
	6/11/75	17	6.2	10	20	0	0	1,150	2.0	4.1	0	0	235	
	7/23/75	4.9	5.3	36	20	.03		1,452	2.1	1.2	0		85	
	8/21/75	DRY							0	0	0	0	0	
	9/16/75	DRY							0	0	0	0	0	
	10/16/75	DRY							0	0	0	0	0	
	11/13/75	2.2	4.9	32	6	0.03	0	1,200	0.84	0.16	0	0	32	
	12/16/75	2.2	5.0	44	10	0.05	0	875	12	0.26	0	0	23	
	1/27/76	11	5.4	18	16	.08	0	1,650	2.4	2.1	0.01	0	218	
	2/18/76	76	7.8	16	36	0.1	0	1,450	15	33	0.09	0	1,322	
	3/22/76	11	7.0	34	56	0.03	0	1,458	4.5	7.4	0	0	192	
	4/21/76	4.9	5.0	24	34	0.05	0	1,025	1.4	2.0	0	0	60	
	AVG.	12	5.8	24	23	.04	0	1,243	2.5	4.3	0.01	0	192	
	RANGE	0 - 76	4.9 - 7.8	6 - 44	6 - 56	0 - 0.1	0	875 - 1,458	0 - 15	0 - 33	0 - 0.09	0	0 - 1,322	
155	5/8/75		3.9	100	0	0	0	1,300						
	6/11/75		4.2	80	0	0.1	0	1,075						
	7/23/75	DRY							0	0	0	0	0	
	8/21/75	DRY							0	0	0	0	0	
	9/16/75		4.1	92	2	2.7	0.38	1,260						
	10/16/75		4.0	120	0	0.1	0.1	900						
	11/13/75		3.8	136	0	0.1	0.05	1,320						
	12/16/75		3.9	120	0	0.1	0	725						
	1/27/76		4.0	72	0	0.1	0	1,800						
	2/18/76	12	4.2	142	8	0.1	0	1,750	20	1.2	0.01	0	252	
	3/22/76		4.1	176	2	0.1	0	1,458						
	4/21/76		4.1	82	2	0.1	0	925						
	AVG.	4.0	4.0	112	1.4	.35	.05	1,251	6.7	0.4	0	0	84	
	RANGE	0 - 12	3.8 - 4.2	72 - 176	0 - 8	0 - 2.7	0 - 0.38	725 - 1,800	0 - 20	0 - 1.2	0 - 0.01	0	0 - 252	
156	5/8/75	6.1	3.7	48	0	1.2	0	1,500	3.5	0	0.09	0	110	
	6/11/75	6.1	3.8	48	0	2.7	0	1,450	3.5	0	0.20	0	106	
	7/23/75	3.8	3.5	100	0	4.0		1,760	4.6	0	0.18		80	
	8/21/75	2.2	3.7	180	0	1.3		1,980	4.8	0	0.03		52	
	9/16/75	2.2	3.6	72	0	26	0.88	1,500	1.9	0	0.67	0.02	40	
	10/16/75	3.8	4.0	72	0	1.2	0.3	1,760	3.3	0	0.05	0.01	80	
	11/13/75	6.1	3.8	112	0	0.8	0.2	1,550	8.2	0	0.06	0.02	113	
	12/16/75	7.5	3.8	64	0	0.8	0.8	1,075	5.8	0	0.07	0.07	97	
	1/27/76	17	4.4	96	16	0.4	0.1	800	19	3.3	0.08	0.02	163	
	2/18/76	22	4.6	42	26	0.6	0.2	850	11	6.9	0.16	0.05	224	
	3/22/76	4.9	4.4	142	6	0.6	0.2	1,499	8.3	0.35	0.04	0.01	88	
	4/21/76	3.8	3.8	56	0	1.4	0.6	1,413	2.6	0	0.06	0.03	64	
	AVG.	7.1	3.9	86	4	3.4	0.33	1,428	6.5	0.88	0.14	0.02	101	
	RANGE	2.2 - 22	3.5 - 4.6	42 - 180	0 - 26	0.4 - 26	0 - 0.88	800 - 1,980	1.9 - 20	0 - 6.9	0.03 - 0.67	0 - 0.07	40 - 224	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
157	5/8/75	6.1	3.9	46	0	1.7	0	800	3.4	0	0.12	0	59
	6/11/75	3.8	3.9	34	0	4.1	0	925	1.6	0	0.19	0	42
	7/23/75	1.1	3.7	130	0	11		1232	1.7	0	0.15		16
	8/21/75	1.1	3.6	180	0	8.5		2112	2.4	0	0.11		28
	9/16/75	2.2	3.9	60	0	15	5.6	1500	1.6	0	0.40	0.15	40
	10/16/75	4.9	3.9	136	0	5.1	3.8	800	8.0	0	0.30	0.22	47
	11/13/75	8.9	3.8	68	0	2.2	1.6	1000	7.3	0	0.23	0.17	107
	12/16/75	11	4.3	32	4	1.1	0.2	495	4.2	0.53	0.15	0.03	65
	1/27/76	17	4.5	38	10	0.6	0.6	330	7.8	2.0	0.12	0.12	67
	2/18/76	28	4.7	28	16	1.1	0.6	275	9.4	5.4	0.37	0.20	92
	3/22/76	7.5	4.5	104	6	3.3	1.4	750	9.4	0.54	0.30	0.13	68
	4/21/76	2.2	3.8	64	0	3.3	2.9	925	1.7	0	0.09	0.08	24
	AVG.	7.8	4.0	77	3	4.8	1.7	929	4.9	0.71	0.21	0.11	55
	RANGE	1.1-28	3.6-4.7	28-180	0-16	0.6-15	0-5.6	275-2112	1.6-9.4	0-5.4	0.09-0.40	0-0.22	16-107
158	5/8/75	1.1	5.2	6	4	0	0	225	0.08	0.05	0	0	3.0
	6/11/75	DRY							0	0	0	0	0
	7/23/75	DRY							0	0	0	0	0
	8/21/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/16/75	DRY							0	0	0	0	0
	11/13/75	DRY							0	0	0	0	0
	12/16/75	DRY							0	0	0	0	0
	1/27/76	DRY							0	0	0	0	0
	2/24/76	1.1	6.9	14	8	0.4	0	110	0.18	0.11	0.01	0	1.5
	3/23/76	0.20	6.9	8	14	0.3	0.07	150	0.02	0.03	0	0	0.36
	4/26/76	DRY							0	0	0	0	0
	AVG.	0.20	6.3	9.3	8.7	0.23	0.02	162	0.09	0.06	0	0	0.41
	RANGE	0-1.1	5.2-6.9	6-14	4-14	0-0.4	0-0.07	110-225	0-0.18	0-0.11	0-0.01	0	0-3.0
159	5/8/75	70	3.2	52	0	0.9	0	350	44	0	0.76	0	294
	6/11/75	60	3.6	6	0	1.1	0	300	43	0	0.79	0	216
	7/23/75	17	3.4	130	0	4.2		462	27	0	0.86		94
	8/20/75	DRY							0	0	0	0	0
	9/22/75	70	3.6	112	0	3.7	0.38	390	94	0	3.1	0.32	328
	10/15/75	60	3.3	104	0	2.8	0.3	375	75	0	2.0	0.22	270
	11/12/75	50	3.4	316	0	3.3	0.25	650	190	0	2.0	0.15	390
	12/10/75	60	3.3	100	0	1.8	0.1	215	72	0	1.3	0.07	155
	1/22/76		3.6	76	0	1.6	0.4	310					
	2/18/76	610	3.7	100	0	1.0	0.1	300	732	0	7.3	0.73	2196
	3/22/76	46	3.8	90	0	1.4	0.2	260	50	0	0.77	0.11	144
	4/21/76	25	3.5	130	0	2.2	0.6	575	39	0	0.66	0.18	173
	AVG.	97	3.5	111	0	2.2	0.23	381	121	0	1.8	0.18	387
	RANGE	0-610	3.2-3.8	6-316	0	0.9-4.2	0-0.6	215-650	0-732	0	0-7.3	0-0.73	0-2195
160	5/8/75	1.7	3.1	78	0	4.0	0	800	1.6	0	0.08	0	16
	6/11/75	1.1	3.4	82	0	4.6	0	675	1.1	0	0.06	0	8.9
	7/23/75	DRY							0	0	0	0	0
	8/20/75	DRY							0	0	0	0	0
	9/22/75	1.1	3.7	72	0	8.0	0.75	720	0.95	0	0.11	0.01	9.5
	10/15/75	1.7	3.4	32	0	6.3	0.7	575	0.65	0	0.13	0.01	12
	11/12/75	2.2	3.4	88	0	6.4	0.8	750	2.3	0	0.17	0.02	20
	12/10/75	2.2	3.3	80	0	4.6	0.5	760	2.1	0	0.12	0.01	20
	1/22/76	FROZEN											
	2/18/76	6	4.0	56	0	2.2	0.5	370	4.0	0	0.16	0.04	27
	3/22/76	1.7	3.8	116	0	4.4	0.7	1550	2.4	0	0.09	0.01	32
	4/21/76	1.7	3.2	84	0	4.6	0.98	800	1.7	0	0.09	0.02	16
	AVG.	1.8	3.5	76	0	5.0	0.55	778	1.5	0	0.09	0.01	15
	RANGE	0-6	3.1-4.0	32-116	0	2.2-8.0	0-0.98	370-1550	0-4.0	0	0-0.17	0-0.04	0-32

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
161	5/8/75	17	4.3	8	0	0	0	300	1.6	0	0	0	61	
	6/11/75	17	5.0	12	6	0.1	0	275	2.4	1.2	0.02	0	56	
	7/23/75	2.2	4.5	40	4	0.46		198	1.1	0.11	0.01		5.2	
	8/21/75	DRY							0	0	0	0	0	
	9/16/75	3.8	4.8	24	8	1.2	0	150	1.1	0.36	0.1	0	6.8	
	10/16/75	3.8	4.8	8	4	0.1	0.1	137	0.36	0.18	0	0	6.2	
	11/13/75	8.9	4.7	24	6	0.1	0	165	2.6	0.64	0.01	0	18	
	12/16/75	11	4.6	16	4	0.1	0	150	2.1	0.53	0.01	0	20	
	1/27/76	8.9	5.1	22	6	0.2	0	193	2.3	0.64	0.02	0	22	
	2/18/76	123	5.5	18	18	0.06	0	180	27	27	0.09	0	266	
	3/22/76	11	5.7	16	12	0.04	0	195	2.1	1.6	0.01	0	26	
	4/21/76	6.1	4.6	4	6	0.24	0.05	245	0.29	0.4	0.02	0	18	
	AVG.	18	4.9	17	6.7	0.24	0.01	199	3.6	2.7	0.02	0	42	
	RANGE	0 - 123	4.3 - 5.7	4 - 40	0 - 18	0 - 1.2	0 - 0.1	137 - 300	0 - 27	0 - 27	0 - 0.1	0	0 - 266	
162	5/8/75	4.9	3.1	182	0	2.0	0	325	11	0	0.12	0	19	
	6/11/75	3.8	3.4	164	0	4.0	0	275	7.5	0	0.18	0	13	
	7/23/75	0.1	3.2	200	0	21		176	0.24	0	0.03		0.21	
	8/21/75	DRY							0	0	0	0	0	
	9/16/75	1.1	3.4	160	0	18	0.13	250	2.1	0	0.24	0	3.3	
	10/16/75	DRY							0	0	0	0	0	
	11/13/75	0.4	3.4	196	0	4.1	0.9	650	0.94	0	0.02	0	3.1	
	12/16/75	3.0	3.4	164	0	2.5	0.6	250	5.9	0	0.09	0.02	9.0	
	1/27/76	FROZEN												
	2/18/76	42	3.5	204	0	1.7	1.4	325	103	0	0.86	0.71	164	
	3/22/76	4.9	3.6	210	0	4.9	0.7	475	12	0	0.29	0.04	28	
	4/21/76	1.1	3.2	210	0	1.2	0.53	663	2.8	0	0.02	0.01	8.8	
	AVG.	5.6	3.4	188	0	6.6	0.53	377	13	0	0.17	0.08	23	
	RANGE	0 - 4.2	3.1 - 3.6	160 - 210	0	1.2 - 21	0 - 1.4	176 - 663	0 - 103	0	0 - 0.86	0 - 0.71	0 - 164	
163	5/8/75	2.2	3.4	88	0	0	0	275	2.3	0	0	0	7.3	
	6/11/75	DRY							0	0	0	0	0	
	7/23/75	DRY							0	0	0	0	0	
	8/21/75	DRY							0	0	0	0	0	
	9/16/75	DRY							0	0	0	0	0	
	10/16/75	DRY							0	0	0	0	0	
	11/13/75	DRY							0	0	0	0	0	
	12/16/75	DRY							0	0	0	0	0	
	1/27/76	FROZEN												
	2/24/76	25	3.1	122	0	0.3	0.1	190	37	0	0.9	0.3	57	
	3/23/76	1.1	3.8	80	0	1.1	0.06	150	1.1	0	0.01	0	2.0	
	4/26/76	DRY								0	0	0	0	
	AVG.	2.6	3.4	9.7	0	0.47	0.05	205	3.7	0	0.01	0	6.0	
	RANGE	0 - 25	3.1 - 3.8	80 - 122	0	0 - 1.1	0 - 0.1	150 - 275	0 - 36	0	0 - 0.09	0 - 0.03	0 - 57	
164	5/8/75	22	3.9	176	0	1.9	0	1,100	46	0	0.50	0	290	
	6/11/75	12	3.9	197	0	1.8	0	1,200	29	0	0.26	0	173	
	7/23/75	0.07	SAMPLE ANALYSES LOST BY LABORATORY											
	8/21/75	DRY							0	0	0	0	0	
	9/16/75	3.8	4.2	168	6	1.3	0	1,050	7.7	0.27	0.06	0	48	
	10/16/75	8.9	4.5	216	20	1.0	0.55	775	23	2.1	0.11	0.06	83	
	11/13/75	6.1	4.1	240	2	0.8	0.7	1,550	18	0.15	0.06	0.05	113	
	12/16/75	11	4.0	212	0	0.9	0.8	900	28	0	0.12	0.11	119	
	1/27/76	12	3.7	180	0	0.9	0.9	788	26	0	0.13	0.13	113	
	2/24/76	34	3.1	440	0	0.9	0.23	280	180	0	0.38	0.09	114	
	3/23/76	11	3.7	244	0	1.2	1.0	1,050	32	0	0.16	0.13	139	
	4/26/76	2.2	4.0	302	0	1.2	1.2	1,350	8.0	0	0.03	0.03	36	
	AVG.	10	3.9	236	2.8	1.2	0.54	1,004	36	0.23	0.17	0.06	112	
	RANGE	0 - 34	3.1 - 4.5	168 - 440	0 - 20	0.8 - 1.9	0 - 1.2	280 - 1,550	0 - 180	0 - 2.1	0 - 0.50	0 - 0.13	0 - 290	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
165	5/12/75	42	3.6	54	0	2.1	1.1	625	27	0	1.1	0.55	315
	6/11/75	2.2	4.2	42	0	8.1	1.1	550	1.1	0	0.21	0.03	15
	7/23/75	0.42	SAMPLE ANALYSES LOST BY LABORATORY										
	8/21/75	0.4	3.5	120	0	2.3		770	0.58	0	0.01		3.7
	9/16/75	12	4.2	48	3	34	8.0	430	6.9	0.43	4.9	1.2	62
	10/16/75	60	4.5	80	8	7.8	4.3	475	58	5.8	5.6	3.1	342
	11/13/75	123	4.5	40	8	4.0	3.0	425	59	12	5.9	4.4	627
	12/16/75	174	5.1	56	8	3.1	2.9	300	117	17	6.5	6.1	626
	1/27/76	284	4.0	48	0	1.8	1.8	335	164	0	6.1	6.1	1,142
	2/24/76	397	3.4	184	0	1.7	1.5	375	877	0	8.1	7.1	1,787
	3/23/76	248	4.0	84	0	2.9	2.2	425	250	0	8.6	6.5	1,265
	4/26/76	64	4.5	62	4	3.1	2.2	340	48	3.1	2.4	1.7	261
AVG.	117	4.1	74	2.8	6.4	2.8	459	146	3.5	4.5	3.7	586	
RANGE	0.4-397	3.4-5.1	40-184	0-8	1.7-34	1.1-8.0	300-770	1.1-877	0-17	0.01-8.6	0.03-7.1	3.7-1,787	
166	5/12/75	6.1	3.9	58	0	0	0	375	4.2	0	0	0	27
	6/11/75	3.0	4.0	26	0	0.6	0	300	0.94	0	0.02	0	11
	7/23/75	DRY							0	0	0	0	0
	8/21/75	DRY							0	0	0	0	0
	9/16/75	DRY							0	0	0	0	0
	10/16/75	DRY							0	0	0	0	0
	11/13/75	DRY							0	0	0	0	0
	12/16/75	DRY							0	0	0	0	0
	1/26/76	DRY							0	0	0	0	0
	2/24/76	70	3.4	84	0	0.12	0	310	71	0	0.10	0	260
	3/23/76	4.9	3.9	80	0	0.7	0.1	300	4.7	0	0.04	0.01	18
	4/21/76	DRY							0	0	0	0	0
AVG.	7.0	3.8	62	0	0.36	0.03	321	6.7	0	0.01	0.01	26	
RANGE	0-70	3.4-4.0	26-84	0	0-0.7	0-0.1	300-375	0-71	0	0-0.1	0-0.1	0-260	
167	5/12/75	12	4.4	30	0	0	0	300	4.3	0	0	0	43
	6/11/75	8.9	4.5	26	0	0	0	275	2.8	0	0	0	29
	SAMPLE	DISCONTINUED											
	AVG.	11	4.5	28	0	0	0	288	3.6	0	0	0	36
RANGE	8.9-12	4.4-4.5	26-30	0	0	0	275-300	2.8-4.3	0	0	0	0	29-43
168	5/12/75	15	4.5	6	0	0	0	250	1.1	0	0	0	45
	6/11/75	3.0	4.5	6	0	0.3	0	325	0.22	0	0.01	0	12
	7/23/75	3.8	SAMPLE ANALYSES LOST BY LABORATORY										
	8/21/75	2.2	4.7	18	4	0.12		62	0.48	0.11	0		1.6
	9/16/75	3.0	4.6	28	8	1.0	0.13	120	1.0	0.29	0.04	0.01	4.3
	10/16/75	8.9	5.3	8	16	0.4	0.1	70	0.85	1.7	0.04	0.01	7.5
	11/13/75	12	4.5	12	12	0.3	0.07	55	1.7	1.7	0.04	0.01	7.9
	12/16/75	31	5.8	12	20	0.3	0	90	4.5	7.4	0.11	0	33
	1/27/76	38	4.9	8	8	0.4	0	165	3.6	3.6	0.18	0	75
	2/24/76	28	4.0	18	0	0.1	0	100	6.0	0	0.03	0	34
	3/23/76	19	4.4	10	4	0.08	0	100	2.3	0.91	0.02	0	23
	4/26/76	8.9	4.8	8	6	0.4	0.3	100	0.85	0.64	0.04	0.03	11
AVG.	14	4.7	12	7.1	0.31	0.06	131	2.1	1.5	0.05	0.01	23	
RANGE	2.2-38	4.0-5.8	6-28	0-20	0-1.0	0-0.3	55-325	0.48-6.0	0-7.4	0-0.18	0-0.03	0-1.6	
169	5/12/75	22	4.2	4	0	1.4	0	450	1.1	0	0.37	0	119
	6/11/75	22	4.4	34	0	0.6	0	350	9.0	0	0.16	0	92
	7/23/75	8.9	SAMPLE ANALYSES LOST BY LABORATORY										
	8/21/75	3.8	4.3	50	4	0.12		616	2.3	0.18	0.01		28
	9/16/75	8.9	4.4	56	5	1.3	0	280	6.0	0.53	0.14	0	30
	10/16/75	12	4.8	56	12	0.1	0	330	8.1	1.7	0.01	0	48
	11/13/75	34	4.3	32	6	0.05	0	325	13	2.4	0.02	0	133
	12/16/75	50	4.8	26	8	0.1	0	205	16	4.8	0.06	0	123
	1/27/76	131	4.4	40	8	0.02	0	280	63	13	0.03	0	440
	2/24/76	38	3.5	84	0	0.2	0	350	38	0	0.09	0	160
	3/23/76	34	4.2	94	2	0.08	0	280	38	0.82	0.03	0	114
	4/26/76	19	4.5	58	2	0.6	0.2	275	13	0.46	0.1	0.05	63
AVG.	32	4.3	49	4.3	0.42	0.02	340	19	2.2	0.1	0.01	123	
RANGE	3.8-131	3.5-4.8	4-94	0-12	0.02-1.4	0-0.2	205-616	1.1-63	0-13	0.01-0.37	0-0.05	0-28	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
170	5/12/75	3.8	4.1	152	0	0	0	1200	6.9	0	0	0	55	
	6/11/75	3.8	4.3	132	0	0	0	1150	6.0	0	0	0	52	
	7/23/75	DRY							0	0	0	0	0	
	8/21/75	DRY							0	0	0	0	0	
	9/16/75	DRY							0	0	0	0	0	
	10/15/75	DRY							0	0	0	0	0	
	11/12/75	2.2	4.1	112	4	0.03	0	360	3.0	0.11	0	0	9.5	
	12/16/75	6.1	4.6	130	8	0.05	0	500	9.5	0.59	0	0	37	
	1/21/76	FROZEN												
	2/24/76	6.1	2.5	400	0	0.16	0	700	29	0	0.01	0	51	
	3/23/76	3	3.6	176	0	0.1	0	875	6.3	0	0	0	32	
	4/26/76	3.8	4.2	164	0	0.07	0	925	7.5	0	0	0	42	
	AVG.	2.6	3.9	181	1.7	0.06	0	816	6.2	0.06	0	0	25	
	RANGE	0 - 6.1	2.5 - 4.6	112 - 400	0 - 8	0 - 0.16	0	360 - 1200	0 - 29	0 - 0.59	0 - 0.01	0	0 - 55	
171	5/12/75	17	4.2	128	0	0	0	1025	26	0	0	0	209	
	6/11/75	8.9	4.3	136	0	0	0	725	15	0	0	0	77	
	7/23/75	DRY							0	0	0	0	0	
	8/21/75	DRY							0	0	0	0	0	
	9/16/75	DRY							0	0	0	0	0	
	10/15/75	3.8	4.0	200	0	0.2	0	1000	9.1	0	0.01	0	46	
	11/12/75	6.1	4.0	96	0	0.03	0	1340	7.0	0	0	0	98	
	12/16/75	8.9	4.7	84	4	0.1	0	395	9.0	0.43	0.01	0	42	
	1/21/76	FROZEN												
	2/24/76	11	2.4	460	0	0.02	0	550	61	0	0	0	73	
	3/23/76	7.5	3.8	150	0	0.02	0	625	14	0	0	0	56	
	4/26/76	4.9	4.3	132	0	0.07	0	800	7.8	0	0	0	47	
	AVG.	6.2	4.0	173	0.5	0.06	0	808	14	0.04	0	0	59	
	RANGE	0 - 17	2.4 - 4.7	84 - 460	0 - 4	0 - 0.2	0	395 - 1340	0 - 61	0 - 0.43	0 - 0.01	0	0 - 209	
172	5/12/75	6.1	3.9	30	0	0	0	275	2.2	0	0	0	20	
	6/11/75	8.9	4.9	24	2	0.1	0	300	2.6	0	0.21	0	32	
	7/23/75	DRY							0	0	0	0	0	
	8/21/75	DRY							0	0	0	0	0	
	9/16/75	DRY							0	0	0	0	0	
	10/15/75	8.9	4.2	56	8	0.2	0	135	6.0	0.85	0.02	0	14	
	11/12/75	11	4.3	24	8	0.01	0	143	3.2	1.1	0	0	19	
	12/16/75	12	4.8	24	8	0.01	0	120	3.5	1.2	0	0	17	
	1/21/76	FROZEN												
	2/24/76	7.5	3.5	74	0	0.03	0	225	6.7	0	0	0	20	
	3/23/76	2.2	4.2	24	2	0.01	0	200	0.63	0.05	0	0	5.3	
	4/26/76	2.2	4.5	24	2	0.5	0.5	165	0.63	0.05	0.01	0.01	4.4	
	AVG.	5.3	4.3	35	3.8	0.11	0.06	195	2.3	0.30	0.02	0	12	
	RANGE	0 - 12	3.5 - 4.9	24 - 74	0 - 8	0 - 0.5	0 - 0.5	120 - 300	0 - 6.7	0 - 1.2	0 - 0.21	0 - 0.01	0 - 32	
173	5/12/75	0.4	3.9	28	0	0.1	0	175	0.13	0	0	0	8.4	
	6/11/75	1.1	4.3	12	0	2.9	0	275	0.16	0	0.04	0	3.6	
	7/23/75	DRY							0	0	0	0	0	
	8/21/75	DRY							0	0	0	0	0	
	9/16/75	DRY							0	0	0	0	0	
	10/16/75	DRY							0	0	0	0	0	
	11/13/75	0.4	4.4	12	4	0.4	0.15	93	0.06	0.02	0	0	0.45	
	12/17/75	2.2	4.3	38	2	0.3	0.05	65	1.0	0.05	0.01	0	1.7	
	1/27/76	1.1	4.0	20	0	0.7	0.35	140	0.26	0	0.01	0	1.8	
	2/24/76	2.2	3.5	34	0	0.4	0	105	0.90	0	0.01	0	2.8	
	3/23/76	2.2	4.2	38	4	0.2	0	125	1.0	0.11	0.01	0	3.3	
	4/26/76	3.8	4.2	32	2	0.4	0.15	205	1.5	0.09	0.02	0.01	9.3	
	AVG.	1.1	4.1	27	1.5	0.68	0.09	148	0.42	0.02	0.01	0	2.0	
	RANGE	0 - 3.8	3.5 - 4.4	12 - 38	0 - 4	0.1 - 2.9	0 - 0.35	65 - 275	0 - 1.5	0 - 0.11	0 - 0.04	0 - 0.01	0 - 9.3	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (gpm)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
174	5/12/75	70	3.8	24	0	4.5	4.5	225	20	0	3.8	3.8	189
	6/11/75	82	4.0	24	0	5.2	0	200	24	0	5.1	0	197
	7/23/75	28	4.6	120	6	13		198	40	2.0	4.4		67
	8/21/75	17	3.7	80	0	13		286	16	0	2.7		58
	9/16/75	28	3.7	64	0	27	7.5	210	22	0	9.1	2.5	71
	10/16/75	34	5.2	48	2	17	11	650	20	0.82	6.9	4.5	265
	11/13/75	94	4.1	40	4	7.8	7.6	130	45	4.5	8.8	8.6	147
	12/16/75	174	4.8	36	8	4.6	3.9	95	75	17	9.6	8.1	198
	1/27/76	193	4.3	20	2	2.8	2.8	120	46	4.6	6.5	6.5	278
	2/18/76	880	4.4	20	12	1.6	1.3	175	211	127	17	14	1848
	3/22/76	112	4.0	46	0	4.6	4.3	450	62	0	6.2	5.8	605
	4/21/76	50	4.5	52	8	8.8	7.1	185	31	4.8	5.3	4.3	111
	AVG.	147	4.3	48	3.5	9.2	5.0	244	51	13	7.1	5.8	336
	RANGE	17 - 880	3.7 - 5.2	20 - 120	0 - 12	1.6 - 27	0 - 11	95 - 650	16 - 211	0 - 127	2.7 - 17	0 - 14	58 - 1848
175	5/12/75	8.9	3.6	16	0	1.1	0	225	1.7	0	0.12	0	24
	6/11/75	8.9	3.6	50	0	4.5	0	200	5.3	0	0.48	0	21
	7/23/75	2.2	3.6	180	0	1.8		44	4.8	0	0.05		1.2
	8/21/75	1.1	3.6	38	0	1.6		198	0.50	0	0.02		2.6
	9/16/75	1.7	3.5	72	0	13	3.1	100	1.5	0	0.27	0.06	2.0
	10/16/75	4.9	4.0	48	0	10	6.8	300	2.8	0	0.59	0.40	18
	11/13/75	17	3.2	176	0	35	25	700	36	0	7.1	5.1	143
	12/16/75	31	3.8	176	0	35	18	185	65	0	13	6.7	69
	1/27/76	28	3.4	122	0	17	8.0	148	41	0	5.7	2.7	50
	2/18/76	123	3.3	100	0	18	9.5	180	148	0	27	14	266
	3/22/76	15	3.5	82	0	15	10	365	15	0	2.7	1.8	66
	4/21/76	6.1	3.8	32	0	1.4	0.97	108	2.3	0	0.10	0.07	7.9
	AVG.	21	3.6	91	0	13	8.1	299	27	0	4.8	3.1	56
	RANGE	1.1 - 123	3.2 - 4.0	16 - 180	0	1.1 - 35	0 - 25	44 - 700	0.50 - 148	0	0.02 - 27	0 - 14	1.2 - 266
176	5/7/75	22	2.7	800	0	16	3.4	1950	211	0	4.2	0.90	515
	6/10/75	6.1	2.9	300	0	25	0	1175	22	0	1.8	0	86
	7/23/75	5.1	4.3	700	4	231		2112	43	0.24	14		129
	8/21/75	2.2	3.3	700	0	0		1804	18	0	0		48
	9/16/75	6.1	3.8	304	0	575	200	1500	22	0	42	15	110
	10/16/75	6.1	3.3	560	0	173	135	1400	41	0	13	10	102
	11/12/75	6.1	3.2	456	0	260	230	1950	33	0	19	17	143
	12/17/75	6.0	4.5	516	8	220	220	1575	37	0.58	16	16	113
	1/21/76	6.1	4.0	568	0	269	213	2000	42	0	20	16	146
	2/24/76	38	2.8	680	0	195	124	2050	310	0	89	57	935
	3/24/76	19	4.2	500	2	210	200	1750	114	0.46	48	46	399
	4/26/76	8.9	4.2	432	2	181	151	1575	46	0.21	19	16	168
	AVG.	11	3.6	543	1.33	196	148	1737	78	0.12	24	19	241
	RANGE	2.2 - 38	2.7 - 4.5	300 - 800	0 - 8	0 - 575	0 - 230	1175 - 2112	18 - 310	0 - 0.58	0 - 89	0 - 57	48 - 935
177	5/7/75	8.9	2.9	400	0	28	1.1	1375	43	0	3.0	0.12	147
	6/10/75	15	3.0	500	0	145	34	1850	90	0	26	6.1	333
	7/22/75	3.5	2.9	430	0	32		946	18	0	1.3		40
	8/20/75	1.1	3.0	360	0	0		858	4.8	0	0		11
	9/22/75	2.2	3.2	200	0			1000	5.3	0			26
	10/15/75	2.2	2.9	324	0	218	2.5	900	8.6	0	5.8	0.07	24
	11/12/75		3.3	144	0	12	2.3	460					
	12/10/75	FROZEN											
	1/21/76	FROZEN											
	2/24/76	3.8	2.6	456	0	38	3.0	1150	21	0	1.7	0.14	52
	3/24/76	3	3.2	464	0	50	15	1400	17	0	1.8	0.54	50
	4/26/76	3.8	3.2	416	0	33	22	1150	19	0	1.5	1.0	52
	AVG.	4.8	3.0	369	0	62	11	1109	25	0	5.1	1.3	82
	RANGE	1.1 - 15	2.6 - 3.3	144 - 500	0	0 - 218	1.1 - 34	460 - 1850	4.8 - 90	0	0 - 26	0.07 - 6.1	11 - 333

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
178	5/7/75	3.0	4.4	8	0	0	0	250	0.29	0	0	0	9	
	6/10/75	1.1	4.2	6	0	0.3	0	275	0.08	0	0	0	3.6	
	7/22/75	DRY							0	0	0	0	0	
	8/20/75	DRY							0	0	0	0	0	
	9/16/75	DRY							0	0	0	0	0	
	10/15/75	0.42	3.9	16	0	0.3	0.1	63	0.08	0	0	0	0.32	
	11/12/75	6.1	3.8	80	0	2.0	0.4	180	5.9	0	0.15	0.03	13	
	12/15/75	12	3.8	36	0	2.4	0.3	163	5.2	0	0.35	0.04	23	
	1/26/76	22	4.0	28	0	0.4	0	85	7.4	0	0.11	0	22	
	2/17/76	55	4.3	40	4	11	1.2	175	26	2.6	7.3	0.79	116	
	3/29/76	38	5.7	6	10	0.8	0.2	88	0.27	0.46	0.04	0.01	4.0	
	4/22/76	0.76	4.0	40	0	0.4	0.2	120	0.36	0	0	0	1.1	
	AVG.	8.7	4.2	2.9	1.6	2.0	0.27	155	3.8	0.26	0.66	0.07	16	
	RANGE	0-55	3.8-5.7	6-80	0-10	0-11	0-1.2	63-275	0-26	0-2.6	0-7.3	0-0.79	0-116	
179	7/22/75	3.8	2.9	640	0	66		1764	29	0	3.0		80	
	8/21/75	0.4	3.0	440	0	59		792	2.1	0	0.28		3.8	
	9/16/75	2.2	3.4	224	0	88	7.6	525	5.9	0	2.3	0.20	14	
	10/14/75	3.8	3.5	672	0	61	30	750	31	0	2.8	1.4	34	
	11/13/75	3.8	3.1	356	0	70	28	790	16	0	3.2	1.3	36	
	12/16/75	3.8	3.7	252	0	48	21	575	11	0	2.2	0.96	26	
	1/27/76	12	3.6	172	0	25	19	725	25	0	3.6	2.7	104	
	2/25/76	11	2.6	330	0	35	19	375	44	0	4.6	2.5	50	
	3/24/76	8.9	3.2	360	0	66	31	700	38	0	7.0	3.3	75	
	4/22/76	8.9	2.9	306	0	61	37	738	33	0	6.5	4.0	79	
	AVG.	5.9	3.2	375	0	58	24	773	24	0	3.5	2.0	50	
	RANGE	0.4-12	2.6-3.7	172-672	0	25-88	7.6-37	375-1764	2.1-44	0	0.28-7.0	0.2-4.0	3.8-104	
	180	7/22/75	6.1	2.7	760	0	41		1980	56	0	3.0		145
		8/21/75	6.1	3.0	1020	0	50		1806	75	0	3.7		132
9/16/75		6.1	3.1	532	0	56	13	1650	38	0	4.1	0.95	121	
10/14/75		11	3.1	296	0	75	3.8	1750	38	0	9.9	0.50	231	
11/13/75		8.9	3.0	712	0	68	2.8	2350	76	0	7.3	0.30	251	
12/16/75		12	3.7	580	0	70	1.8	1375	84	0	10	0.26	198	
1/27/76		12	3.3	458	0	375	13	770	66	0	54	1.9	111	
2/25/76		6.1	2.6	420	0	18	0	360	31	0	1.3	0	26	
3/24/76		4.9	3.2	530	0	22	0	1375	31	0	1.3	0	81	
4/22/76		6.1	2.8	446	0	43	0	1375	33	0	3.1	0	101	
AVG.		7.9	3.1	575	0	82	4.3	1479	53	0	9.8	0.49	140	
RANGE		4.9-12	2.6-3.7	296-1020	0	18-375	0-13	360-2350	31-84	0	1.3-54	0-1.9	26-251	
181		8/20/75	142	3.0	960		190		1738	1636		324		2962
		9/22/75	487	3.9	440	0	875	205	1550	2571	0	5114	1198	9058
	10/15/75	134	3.1	664	0	241	220	1550	1068	0	388	354	2492	
	11/12/75	345	3.2	580	0	245	215	2050	2401	0	1014	890	8487	
	12/17/75	3.1	3.1	528	0	195	167	1750	20	0	7.3	6.2	65	
	1/21/76		3.6	660	0	240	240	3200						
	2/24/76	51	2.6	774	0	161	70	1450	474	0	99	43	887	
	3/24/76	0.04	3.5	684	0	198	198	2000	0.33	0	0.10	0.10	0.96	
	4/26/76	0.42	3.3	470	0	212	212	2050	2.4	0	1.1	1.1	10	
	AVG.	145	3.3	640	0	284	191	1926	1022	0	868	213	2995	
	RANGE	0.4-487	2.6-3.9	440-960	0	161-875	70-240	1450-3200	0.33-2571	0	0.10-5114	0.10-1198	0.96-9058	
	182	9/22/75	3.0	3.8	72	0	9.5	0.5	540	2.6	0	0.34	0.02	19
		10/15/75	3.0	3.1	144	0	6.4	0.7	500	5.2	0	0.23	0.03	18
		11/12/75	11	3.3	64	0	4.8	0.6	425	8.4	0	0.63	0.08	56
12/10/75		4.9	3.4	68	0	4.9	0.2	440	4.0	0	0.29	0.01	26	
1/21/76		FROZEN												
2/24/76		6.1	3.1	90	0	3.5	0.6	310	6.6	0	0.26	0.04	23	
3/24/76		3.8	3.8	118	0	5.5	0	400	5.4	0	0.25	0	18	
4/26/76		17	3.5	48	0	3.0	0.7	198	9.8	0	0.61	0.14	40	
AVG.		7.0	3.4	86	0	5.4	0.47	402	6.0	0	0.37	0.05	29	
RANGE	3.0-17	3.1-3.8	48-144	0	3.0-9.5	0-0.7	198-540	2.6-9.8	0	0.23-0.63	0-0.14	18-56		

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
183	9/22/75	2.2	6.4	4	16	2.8	0.31	120	0.11	0.42	0.07	0.01	3.2	
	10/15/75	3.0	5.5	16	44	4.5	3.3	60	0.58	1.6	0.16	0.12	2.2	
	11/13/75	1.7	5.8	12	8	0.1	0	105	0.24	0.16	0	0	2.1	
	12/16/75	2.2	5.7	4	10	0.5	0	35	1.1	2.6	0.13	0	9.2	
	1/27/76	11	4.0	14	0	0.08	0	65	1.8	0	0.01	0	8.6	
	2/24/76	7.5	6.8	12	6	0.1	0	60	1.1	0.54	0.01	0	5.4	
	3/22/76	11	7.2	4	10	0.6	0.07	73	0.53	1.3	0.08	0.01	9.6	
	4/21/76	6.1	5.8	4	10	5.1	1.5	83	0.29	0.73	0.37	0.11	6.1	
	AVG.	8.1	5.9	8.8	13	1.7	0.65	75	0.72	0.92	0.10	0.03	5.8	
	RANGE	1.7-2.2	4.0-7.2	4-16	0-44	0.08-5.1	0-3.3	35-120	0.11-1.8	0-2.6	0-0.37	0-0.12	2.1-9.6	
184	9/22/75		3.3	352	0	68.8	28	1350						
	10/14/75		3.8	400	0	89.0	58	1200						
	11/12/75		3.0	364	0	110	58	1750						
	12/10/75		3.1	324	0	108	61	1250						
	1/26/76	FROZEN												
	2/18/76		3.2	332	0	103	60	600						
	3/22/76		3.0	360	0	116	70	1250						
	4/21/76		3.0	400	0	110	66	1413						
	AVG.		3.2	361	0	101	57	1259						
	RANGE		3.0-3.8	324-400	0	68.8-116	28-70	600-1750						
185	9/22/75	1.1	3.5	264	0			1500	3.5	0			20	
	10/14/75	DRY							0	0	0	0	0	
	11/12/75		3.8	272	0	295	128	600						
	12/16/75		4.9	296	32	270	143	1225						
	1/26/76		4.5	276	14	430	235	1400						
	2/18/76	20	6.0	240	0	283	69	1354	58	0	68	17	325	
	3/22/76	10	4.0	260	0	158	125	1500	31	0	19	15	180	
	4/21/76	10	5.2	224	40	128	128	1275	27	4.8	15	15	153	
	AVG.	8.2	4.6	262	12	261	138	1265	24	0.96	26	12	136	
	RANGE	0-20	3.5-6.0	224-296	0-40	128-430	69-235	600-1500	0-58	0-4.8	0-68	0-17	0-325	
186	9/25/75	0.4	5.9	6	24			80	0.03	0.12			0.38	
	10/16/75	6.1	5.2	12	20	4.3	0	60	0.88	1.5	0.02	0	4.4	
	11/13/75	2.2	5.4	8	20	3.6	3.0	80	0.21	0.53	0.10	0.08	2.1	
	12/16/75	3.8	6.1	4	16	3.6	2.3	33	0.18	0.73	0.16	0.10	1.5	
	1/27/76	0.4	4.5	16	10	2.0	2.0	55	0.08	0.05	0.01	0.01	0.26	
	2/24/76	2.2	7.2	8	14	4.5	4.5	70	0.21	0.37	0.12	0.12	1.8	
	3/22/76	2.2	7.6	4	22	5.4	4.3	300	0.11	0.58	0.14	0.11	7.9	
	4/21/76	0.42	3.7	16	0	43	11	165	0.08	0	0.22	0.06	0.83	
	AVG.	2.2	5.7	9.8	16	8.9	3.9	105	0.22	0.49	0.11	0.07	2.4	
	RANGE	0.4-6.1	3.7-7.6	4-16	0-24	0.3-43	0-11	33-300	0.03-0.88	0-1.5	0.01-0.22	0-0.12	0.26-7.9	
187	9/22/75	3.8	3.6	136	0	200	35	975	6.2	0	9.1	1.6	44	
	10/15/75	4.9	3.2	264	0	65	50	1050	16	0	3.8	2.9	62	
	11/12/75	6.1	3.4	112	0	24	23	790	8.2	0	1.8	1.7	58	
	12/10/75	3.8	5.1	160	8	70	60	875	7.3	0.36	3.2	2.7	40	
	1/21/76	FROZEN												
	2/24/76		2.8	56	0	33	19	1250						
	3/24/76		3.4	330	0	30	15	1375						
	4/26/76		3.3	300	0	35	31	1475						
	AVG.	4.7	3.5	194	1.1	65	33	1113	9.4	0.09	4.5	2.2	51	
	RANGE	3.8-6.1	2.8-5.1	56-330	0-8	24-200	15-60	790-1475	6.2-16	0-0.36	1.8-9.1	1.6-2.9	40-62	
188	11/13/75		3.0	180	0	38	18	800						
	12/16/75		3.7	128	0	8.7	1.4	235						
	1/27/76		3.3	194	0	68	63	400						
	2/18/76		4.6	186	44	160	113	375						
	3/23/76		4.3	186	4	90	90	625						
	4/26/76		3.9	170	0	113	93	963						
	AVG.		3.8	174	8	80	63	566						
	RANGE		3.0-4.6	128-194	0-44	8.7-160	1.4-113	235-963						
	201	12/16/75		6.4	12	32	1.0	0.65	70					
		1/26/76	FROZEN											
SAMPLE DISCONTINUED														
AVG.			6.4	12	32	1.0	0.65	70						
RANGE		6.4	12	32	1.0	0.65	70							
202	12/16/75		5.1	12	24	0.1	0	75						
	1/26/76	0.4	5.2	22	4	0.1	0	73	0.11	0.02	0	0	0.35	
	SAMPLE DISCONTINUED													

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
202 Cont'd	AVG.	0.4	5.2	17	14	0.1	0	74	0.11	0.02	0	0	0.35
	RANGE	0.4	5.1-5.2	12-22	4-24	0.1	0	73-75	0.11	0.02	0	0	0.35
203	12/16/75		4.7	176	32	65	64	1000					
	1/26/76		5.1	180	12	58	58	600					
	2/18/76	50	3.7	264	0	47	40	360	158	0	28	24	216
	3/22/76		4.8	182	32	80	63	875					
	4/21/76		5.3	186	28	91	76	863					
	AVG.	50	4.7	198	21	68	60	740	158	0	28	24	216
RANGE	50	3.7-5.3	176-264	0-32	47-91	40-76	360-1000	158	0	28	24	216	
204	12/16/75		4.3	56	6	0.1	0	90					
	1/27/76	3.8	3.5	80	0	0.1	0	185	3.6	0	0	0	8.4
	2/25/76	10	2.9	144	0	0.04	0	250	17	0	0	0	30
	3/22/76		3.8	120	0	0.1	0	175					
	4/21/76	DRY							0	0	0	0	0
	AVG.	4.6	3.6	100	1.5	0.09	0	175	6.9	0	0	0	13
RANGE	0-10	2.9-4.3	56-144	0-6	0.04-0.1	0	90-250	0-17	0	0	0	0	0-30
207	12/16/75		5.8	8	2	0.1	0	100					
	1/27/76	6.0	5.2	6	6	0.1	0	45	0.43	0.43	0.01	0	3.2
	SAMPLE	DISCONTINUED											
	AVG.	6.0	5.5	7	4	0.1	0	73	0.43	0.43	0.01	0	3.2
RANGE	6.0	5.2-5.8	6-8	2-6	0.1	0	45-100	0.43	0.43	0.01	0	3.2	
208	12/16/75		5.0	4	6	2.2	0.5	90					
	1/27/76	2.2	5.8	6	6	1.5	0.3	38	0.16	0.16	0.04	0.01	1.0
	SAMPLE	DISCONTINUED											
	AVG.	2.2	5.4	5	6	1.9	0.4	64	0.16	0.16	0.04	0.01	1.0
RANGE	2.2	5.0-5.8	4-6	6	1.5-2.2	0.3-0.5	38-90	0.16	0.16	0.04	0.01	1.0	
209	12/16/75		5.3	8	12	0.2	0.05	90					
	1/27/76	1.1	7.0	10	40	0.6	0	45	0.13	0.53	0.01	0	0.59
	SAMPLE	DISCONTINUED											
	AVG.	1.1	6.2	9	26	0.4	0.03	63	0.13	0.53	0.01	0	0.59
RANGE	1.1	5.3-7.0	8-10	12-40	0.2-0.6	0-0.05	45-90	0.13	0.53	0.01	0	0.59	
210	12/17/75		6.2	2	64	7.2	6.5	100					
	1/27/76	34	8.5	0	58	8.3	6.9	48	0	2.4	3.4	2.8	20
	SAMPLE	DISCONTINUED											
	AVG.	34	7.4	1	61	7.8	6.7	74	0	2.4	3.4	2.8	20
RANGE	34	6.2-8.5	0-2	58-64	7.2-8.3	6.5-6.9	48-100	0	2.4	3.4	2.8	20	
211	12/17/75		6.1	4	28	2.2	1.4	95					
	1/27/76	6.1	8.1	2	22	2.2	1.3	95	0.15	1.6	0.16	0.10	7.0
	SAMPLE	DISCONTINUED											
	AVG.	6.1	7.1	3	25	2.2	1.4	95	0.15	1.6	0.16	0.10	7.0
RANGE	6.1	6.1-8.1	2-4	22-28	2.2	1.3-1.4	95	0.15	1.6	0.16	0.10	7.0	
212	12/17/75		6.2	0	96	17	12	45					
	1/27/76		8.5	0	86	3.5	3.0	48					
	SAMPLE	DISCONTINUED											
	AVG.		7.4	0	91	10	7.5	47					
RANGE		6.2-8.5	0	86-96	3.5-17	3.0-12	45-48						
213	12/17/75		5.7	14	12	30	16	110					
	1/27/76		5.5	4	10	2.4	0.8	100					
	SAMPLE	DISCONTINUED											
	AVG.		5.6	9	11	16	8.4	105					
RANGE		5.5-5.7	4-14	10-12	2.4-30	0.8-16.3	100-110						
214	12/17/75		3.4	222	0	2.4	0.25	205					
	1/27/76	1.7	3.6	90	0	2.8	0.45	135	1.8	0	0.06	0.01	2.8
	2/19/76	3.8	3.9	74	0	1.8	0.5	100	3.4	0	0.08	0.02	4.6
	3/24/76		3.8	144	0	2.9	0.4	150					
	4/26/76		3.6	148	0	2.8	1.6	738					
	AVG.	2.8	3.7	136	0	2.5	0.64	266	2.6	0	0.07	0.02	3.7
RANGE	1.7-3.8	3.4-3.9	74-222	0	1.8-2.9	0.25-1.6	100-738	1.8-3.4	0	0.06-0.08	0.01-0.02	2.8-4.6	
215	12/17/75		5.2	8	2	0.05	0	95					
SAMPLE	DISCONTINUED												
216	1/27/76	4	4.7	20	10	1.5	0.4	140	0.10	0.05	0.01	0	6.7
SAMPLE	DISCONTINUED												