

A P P E N D I X B

M O N I T O R I N G S T A T I O N S

Flow and Water Quality Test Data

ABBREVIATIONS

GPM	Gallons Per Minute
Meth.	Method of flow measurement
Temp.	Temperature in degrees Celcius
pH	Symbol representing hydrogen ion concentration. pH 7.0 is neutral. Below pH 7.0 is acid. Above pH 7.0 is alkaline.
MG/L	Milligrams per liter
Acid	Acidity
ALK.	Alkalinity
Fe(T)	Total Iron
Fe++	Ferrous Iron
SO ₄	Sulfate
S	Sum of flows at M-2 and L-23
CM	Current Meter
E	Estimated (visually)
V	Volumetric measurement with calibrated container.
W	Weir
SD	Stage-Discharge

MONITORING STATION LOCATIONS

M	-	Main Stem, Mill Creek
G	-	Gardner Creek
F	-	Flume diversion from Main Stem, Mill Creek
L	-	Laurel Run
C	-	Coal Brook

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	F'LD PH	LAB PH	ACID MG/L	ALK' MG/L	FE(T) MG/L	FE++ MG/L	SO4 MG/L
M-1	01/29/75	0915	37,534	ES	3	7.2	5.6	4	8	0.0	0.0	300
M-1	02/26/75	0830	123,501	ES	2	6.4	5.3	10	6	0.4	0.0	300
M-1	03/24/75	0945	39,215	ES	6	6.5	5.8	4	4	0.1	0.0	150
M-1	04/24/75	1015	7,081	ES	15	7.1	5.5	4	4	0.0	0.0	325
M-1	05/28/75	1010	11,298	ES	16	7.2	6.6	2	8	0.1	0.0	300
M-1	06/25/75	1110	9,865	ES	20	6.5	6.6	0	10	3.5	0.0	20
M-1	07/23/75	1045	3,034	ES	21	6.5	6.5	0	10	0.2	0.0	40
M-1	08/27/75	1345	9,989	ES	24	7.8	6.9	0	10	4.9	0.0	22
M-1	09/30/75	1145	16,141	ES	20	6.4	5.6	16	14	0.7	0.3	45
M-1	10/29/75	1040	9,285	ES	18	7.0	6.2	8	22	0.6	0.3	22
M-1	11/25/75	1010	11,384	ES	10	7.1	5.9	4	6	0.2	0.1	40
M-1	12/30/75	0940	23,064	ES	2	6.8	6.1	4	8	0.2	0.0	55
M-1	02/26/76	0800	26,365	ES			****	NOT SAMPLED	8	****	0.0	
M-1	03/30/76	0800	17,834	ES			****	NOT SAMPLED		****		
M-1	04/28/76	0800	11,626	ES			****	NOT SAMPLED		****		
M-1	05/27/76	0800	15,970	ES			****	NOT SAMPLED		****		
M-1	06/29/76	0800	32,647	ES			****	NOT SAMPLED		****		
M-2	01/29/75	1110	19,275	CM	2	6.7	5.6	6	6	0.1	0.0	300
M-2	02/26/75	0930	61,067	CM	2	5.8	5.1	6	4	0.0	0.0	250
M-2	03/24/75	0955	19,194	CM	6	6.1	4.9	4	2	0.3	0.0	175
M-2	04/24/75	1025	3,673	CM	15	6.1	4.5	8	2	0.2	0.0	275
M-2	05/28/75	1030	4,402	CM	18	6.2	6.0	8	0	0.1	0.0	325
M-2	06/25/75	1120	5,010	CM	20	6.3	5.7	6	10	0.6	0.0	26
M-2	07/23/75	1100	800	CM	24	6.5	4.7	26	4	0.3	0.0	74
M-2	08/27/75	1400	637	CM	24	8.5	6.6	0	10	0.9	0.0	18
M-2	09/30/75	1140	5,228	CM	21	5.0	4.5	8	14	0.7	0.3	54
M-2	10/29/75	1545	2,277	CM	18	5.9	5.2	28	4	0.5	0.0	43
M-2	12/04/75	0800	4,396	CM	10	5.9	5.2	4	6	0.5	0.3	35
M-2	12/30/75	0800	7,774	CM	3	6.5	5.8	6	8	0.3	0.2	50
M-2	02/11/76	1200	1,300	E	2	5.6	6.2	6	16	1.4	0.7	93
M-2	02/26/76	1045	13,321	CM	8	6.3	4.5	12	12	0.4	0.2	100
M-2	03/30/76	1045	7,346	CM	12	6.5	7.0	6	10	0.4	0.0	95
M-2	04/38/76	1120	6,125	CM	8	6.2	5.3	14	16	0.3	0.3	95
M-2	05/27/76	1020	5,929	CM	15	6.0	6.6	22	8	0.3	0.3	95
M-2	06/29/76	1456	8,543	CM	12	7.0	7.0	28	16	0.5	0.2	45

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	F'LD PH	LAB PH	ACID MG/L	ALK' MG/L	FE(T) MG/L	FE++ MG/L	SO4 MG/L
M-3	01/30/75	0925	24	V	2	6.6	5.4	4	4	0.0	0.0	275
M-3	02/26/75	0950	60	V	4	5.1	6.2	14	10	0.0	0.0	250
M-3	03/24/75	1040	60	V	6	5.2	4.7	20	4	2.5	0.0	275
M-3	04/24/75	1050	36	V	15	6.5	5.3	10	6	0.0	0.0	300
M-3	05/28/75	1055	18	V	18	6.2	6.8	4	8	0.4	0.0	225
M-3	06/25/75	1150	21	V	21	6.3	6.5	0	16	0.6		28
M-3	07/23/75	1130	18	V	23	6.3	6.3	6	12	0.3		26
M-3	08/27/75	1415	60	V	24	7.7	6.3	4	6	0.4		6
M-3	09/30/75	1210	40	V	22	7.6	5.1	8	12	0.5	0.2	82
M-3	10/29/75	1540	18	V	18	6.4	5.5	8	7	0.4	0.0	46
M-3	12/04/75	0830	20	V	14	6.2	5.3	4	14	0.3	0.0	32
M-3	01/06/76	1010	35	E	6	6.7	6.1	4	8	0.2	0.0	48
M-4	05/28/75	1115	5,158	CM	19	6.3	6.1	4	16	0.2	0.0	250
M-4	06/25/75	1200	5,575	CM	21	6.6	6.1	6	10	1.1		34
M-4	07/23/75	1145	825	CM	25	5.4	4.9	22	4	0.3		64
M-4	08/27/75	1420	749	CM	26	7.5	6.2	12	10	0.3	0.7	90
M-4	09/30/75	1230	6,523	CM	24	6.4	4.4	8	6	1.5	0.3	56
M-4	10/29/75	1515	2,725	CM	18	6.9	5.0	7	7	0.7	0.3	43
M-4	12/04/75	0900	4,828	CM	10	6.2	5.8	16	22	0.6	0.3	40
M-4	12/30/75	1300	7,554	CM	3	6.1	6.0	6	10	0.4	0.2	50
M-4	02/11/76	1235	FROZEN									
M-4	02/26/76	1600	15,118	CM			****	NOT SAMPLED		****		
M-4	03/30/76	1130	8,831	CM			****	NOT SAMPLED		****		
M-4	05/27/76	1100	7,309	CM			****	NOT SAMPLED		****		
M-4	06/29/76	1426	9,938	CM			****	NOT SAMPLED		****		
M-4A	06/25/75	1245	5,482	CM	22	5.2	5.2	8	10	1.0	0.8	36
M-4A	07/23/75	1215	853	CM	26	4.8	4.4	30	4	0.4		64
M-4A	08/27/75	1450	590	CM	26	4.9	4.7	16	4	0.3		44
M-4A	09/30/75	1250	5,829	CM	22	4.4	4.1	16	4	1.8	0.9	58
M-4A	10/29/75	1450	2,589	CM	18	4.3	4.1	4	4	1.4	0.6	54
M-4A	12/04/75	0930	4,141	CM	10	5.9	5.4	4	4	0.7	0.4	55
M-4A	12/30/75	1400	5,519	CM	3	6.1	5.5	8	6	0.8	0.6	55

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	F'LD PH	LAB PH	ACID MG/L	ALK' MG/L	FE(T) MG/L	FE++ MG/L	SO4 MG/L
M-5	01/30/75	1005	36	V	2	5.5	4.9	8	2	0.1	0.0	350
M-5	02/26/75	1015	150	V	4	4.0	5.0	8	4	0.0	0.0	275
M-5	03/24/75	1045	60	V	8	4.6	4.4	14	0	0.0	0.0	275
M-5	04/24/75	1645	10	V	12	5.4	5.2	4	4	0.5	0.0	325
M-5	05/28/75	1210	5	E	20	5.8	5.8	2	4	0.9	0.0	55
M-5	06/25/75	1315	15	E	22	6.7	5.7	6	10	2.0	0.0	50
M-5	07/23/75	1215	NO FLOW									
M-5	08/27/75	1515	NO FLOW									
M-5	09/30/75	1320	18	E	22	5.2	5.2	8	10	2.8	1.7	104
M-5	10/29/75	1445	10	E	18	5.6	5.2	4	11	1.8	1.5	108
M-5	12/04/75	0945	10	E	10	5.8	5.1	12	10	1.0	1.0	40
M-5	01/06/76	1035	15	E	3	4.5	5.0	6	8	1.0	0.4	60
M-6	01/30/75	1055	7,705	CM	2	6.0	5.8	4	6	0.0	0.0	300
M-6	02/26/75	1045	28,063	CM	4	5.8	6.1	6	6	0.0	0.0	225
M-6	03/24/75	1200	10,832	CM	6	5.4	5.7	4	4	0.0	0.0	250
M-6	04/24/75	1640	1,500	E	12	5.7	5.7	4	6	0.0	0.0	300
M-6	05/28/75	1220	2,427	CM	18	5.8	6.6	2	6	0.0	0.0	19
M-6	06/25/75	1330	4,811	CM	22	5.9	6.6	0	14	0.4	0.0	20
M-6	07/23/75	1220	600	CM	26	6.4	6.1	6	12	0.1	0.1	24
M-6	08/27/75	1520	315	CM	26	8.2	6.8	0	10	0.2	0.1	8
M-6	09/30/75	1325	2,530	CM	20	6.0	6.3	0	16	0.1	0.1	26
M-6	10/29/75	1430	1,486	CM	17	5.9	6.1	4	7	0.1	0.0	19
M-6	12/04/75	1235	2,302	CM	10	6.2	5.8	8	8	0.1	0.0	35
M-6	12/30/75	1400	4,452	CM	2	5.6	6.2	2	8	0.0	0.0	40
M-6	02/11/76	1245	FROZEN									
M-6	02/26/76	1520	10,206	CM			*****	NOT SAMPLED		*****		
M-6	03/30/76	1145	5,488	CM			*****	NOT SAMPLED		*****		
M-6	04/28/76	1200	3,361	CM			*****	NOT SAMPLED		*****		
M-6	05/27/76	1130	4,898	CM			*****	NOT SAMPLED		*****		
M-6	06/29/76	1400	5,715	CM			*****	NOT SAMPLED		*****		

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	F ¹ LD PH	LAB PH	ACID MG/L	ALK ¹ MG/L	FE(T) MG/L	FE++ MG/L	SO ₄ MG/L
G-8	01/30/75	1705	4,600	W	2	5.9	5.7	4	8	0.0	0.0	325
G-8	02/26/75	1145	15,035	W	4	5.8	5.7	8	4	0.0	0.0	325
G-8	03/24/75	1245	6,544	W	6	5.2	5.4	2	4	0.0	0.0	225
G-8	04/24/75	1600	2,226	W	12	5.7	5.5	4	2	0.0	0.0	325
G-8	05/28/75	1340	1,820	W	19	5.4	6.3	2	4	0.2	0.0	200
G-8	06/25/75	1430	1,214	W	22	6.3	6.3	6	10	0.4	0.0	42
G-8	07/23/75	1330	819	CM	22	5.3	6.4	4	12	0.2	0.2	42
G-8	08/27/75	1630	548	CM	26	5.8	6.7	0	12	0.2	0.2	54
G-8	09/30/75	1420	2,762	CM	22	5.6	5.9	8	12	0.3	0.2	38
G-8	10/29/75	1325	1,716	CM	18	6.4	5.7	8	15	0.2	0.2	35
G-8	12/04/75	1100	1,923	CM	10	6.0	5.4	4	8	0.2	0.2	55
G-8	02/11/76	1315	2,000	E	2	5.7	6.6	6	10	0.1	0.6	73
G-8	02/26/76	1420	3,898	CM	12	6.3	4.7	6	16	0.2	0.2	50
G-8	03/30/76	1300	2,930	CM	13	5.2	5.7	8	10	0.2	0.0	83
G-8	04/28/76	1300	1,992	CM	8	5.5	6.7	10	6	0.1	0.0	70
G-8	05/27/76	1245	2,211	CM	10	4.8	6.8	12	14	0.1	0.1	128
G-8	06/29/76	1200	2,814	CM	12	7.9	7.0	38	18	0.2	0.2	45
G-8A	06/25/75	1415	80	E	22	3.4	3.7	44	0	5.7	0.0	74
G-8A	07/23/75	1300	79	CM	26	3.1	2.9	320	0	34.5	0.0	418
G-8A	08/27/75	1605	20	E	24	2.6	2.7	1310	0	223.0	0.0	1144
G-8A	09/30/75	1400	2,517	CM	23	5.2	5.3	8	10	0.8	0.4	38
G-8A	10/29/75	1030	1,726	CM	18	4.0	5.7	8	15	0.2	0.0	35
G-8A	12/04/75	1350	2,098	CM	10	4.7	4.0	16	10	0.2	0.5	65
G-8A	12/30/75	1450	2,368	CM	2	4.3	4.3	22	10	1.6	0.6	50
G-8A	02/11/76	1250	3,000	E	2	5.0	4.5	20	0	2.2	0.6	68
G-8A	02/26/76	1500	3,993	CM	12	5.4	4.8	6	12	0.7	0.5	320
G-8A	03/30/76	1215	3,322	CM	13	4.9	4.8	6	10	0.6	0.1	75
G-8A	04/28/76	1215	1,669	CM	8	5.2	4.2	10	10	1.1	0.6	70
G-8A	05/27/76	1145	1,603	CM	10	4.1	4.2	18	2	1.1	0.6	108
G-8A	06/29/76	1342	1,743	CM	12	4.3	4.3	24	8	2.7	1.0	70

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	FILD PH	LAB PH	ACID MG/L	ALK' MG/L	FE(T) MG/L	FE++ MG/L	SO4 MG/L
G-9	01/30/75	1630	7,335	CM	4	5.4	5.7	6	4	0.0	0.0	225
G-9	02/26/75	1215	22,161	CM	5	6.4	5.8	12	6	0.0	0.0	350
G-9	03/24/75	1420	8,457	CM	7	5.9	5.7	4	4	0.0	0.0	250
G-9	04/24/75	1530	1,965	CM	12	6.3	5.7	6	6	0.3	0.0	300
G-9	05/28/75	1400	2,451	CM	19	5.4	6.5	2	6	0.2	0.0	200
G-9	06/25/75	1440	1,776	CM	22	6.0	6.3	0	14	0.3	0.3	32
G-9	07/23/75	1400	890	CM	24	5.7	6.5	0	14	0.4	0.4	60
G-9	08/27/75	1645	575	CM	26	5.9	6.6	0	18	0.4	0.4	36
G-9	09/30/75	1710	3,837	CM	24	5.6	5.9	8	4	0.4	0.1	33
G-9	10/29/75	1310	1,915	CM	20	6.4	6.0	8	7	0.3	0.1	28
G-9	12/04/75	1115	3,351	CM	10	5.5	5.7	4	18	1.0	0.2	60
G-9	12/30/75	1540	3,286	CM	2	5.6	6.2	8	14	0.4	0.3	40
G-9	02/11/76	1323	FROZEN									
G-9	02/26/76	1400	4,680	CM				NOT SAMPLED		*****		
G-9	03/30/76	1315	4,032	CM				NOT SAMPLED		*****		
G-9	04/28/76	1320	3,004	CM				NOT SAMPLED		*****		
G-9	05/27/76	1300	2,967	CM				NOT SAMPLED		*****		
G-9	06/29/76	1145	2,457	CM				NOT SAMPLED		*****		
G-9A	12/30/75	1515	3,125	CM				NOT SAMPLED		*****		
G-9A	02/11/76	1323	FROZEN									
G-9A	02/26/76	1445	5,133	CM				NOT SAMPLED		*****		
G-9A	03/30/76	1240	4,127	CM				NOT SAMPLED		*****		
G-9A	04/28/76	1230	2,665	CM				NOT SAMPLED		*****		
G-9A	05/27/76	1215	1,981	CM				NOT SAMPLED		*****		
G-9A	06/29/76	1227	3,413	CM				NOT SAMPLED		*****		

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW		TEMP	F'LD PH	LAB PH	ACID MG/L	ALK' MG/L	FE(T) MG/L	FE++ MG/L	SO4 MG/L
			(GPM)	METH.								
G-10	01/30/75	1620	505	CM	4	4.4	4.1	28	0	0.0	0.0	325
G-10	02/26/75	1230	1,159	CM	5	4.9	4.3	36	0	0.0	0.0	275
G-10	03/24/75	1440	4,486	CM	7	3.7	3.9	26	0	0.1	0.0	225
G-10	04/24/75	1545	190	CM	12	4.5	3.8	22	0	0.0	0.0	350
G-10	05/28/75	1415	145	CM	27	3.5	3.9	18	0	0.3	0.0	175
G-10	06/25/75	1455	184	CM	22	6.0	4.0	24	0	0.3	0.0	84
G-10	07/23/75	1410	68	CM	29	4.0	4.0	26	0	0.1	0.1	66
G-10	08/27/75	1650	20	E	26	3.9	4.0	20	0	0.1	0.1	72
G-10	09/30/75	1715	207	CM	20	4.0	4.1	24	4	0.3	0.3	113
G-10	10/29/75	1315	300	CM	16	4.4	4.3	28	7	0.2	0.2	92
G-10	12/04/75	1130	245	CM	10	4.5	4.3	12	4	0.2	0.2	100
G-10	12/30/75	1545	486	CM	4	5.0	4.7	8	6	0.2	0.2	48
G-11	01/30/75	1555	48	CM	6	5.5	6.0	6	10	0.2	0.0	275
G-11	02/26/75	1250	109	CM	6	5.7	6.0	8	8	0.1	0.0	275
G-11	03/24/75	1450	173	CM	8	5.1	6.6	2	18	1.9	0.0	225
G-11	04/24/75	1520	169	V	15	6.1	6.0	6	12	0.5	0.0	200
G-11	05/28/75	1425	300	V	30	5.1	6.4	2	4	0.5	0.0	225
G-11	06/25/75	1500	210	V	22	5.5	6.3	0	14	0.6	0.0	22
G-11	07/23/75	1420	360	V	24	5.4	6.9	0	12	0.4	0.4	20
G-11	08/27/75	1720	305	CM	26	5.5	6.3	6	8	0.6	0.6	12
G-11	09/30/75	1700	300	V	20	6.0	5.8	8	8	0.8	0.8	34
G-11	10/29/75	1300	300	V	20	6.4	6.0	4	7	1.5	0.6	20
G-11	12/04/75	1140	200	V	14	3.6	3.7	4	8	3.1	1.5	60
G-11	12/31/75	1215	80	V	5	5.8	6.2	4	8	0.7	0.0	40
G-12	01/30/75	1530	1,631	CM	2	5.9	5.1	12	4	0.0	0.0	325
G-12	02/26/75	1310	2,876	CM	5	5.9	4.5	12	0	0.0	0.0	300
G-12	03/24/75	1510	1,472	CM	7	4.8	4.4	10	0	0.0	0.0	200
G-12	04/24/75	1450	691	CM	10	6.1	5.7	14	6	0.4	0.0	350
G-12	05/28/75	1450	530	CM	17	5.2	6.4	6	8	0.5	0.0	300
G-12	06/25/75	1530	412	CM	19	5.9	6.4	6	8	0.8	0.8	125
G-12	07/23/75	1445	276	CM	21	5.2	6.7	0	32	0.4	0.4	44
G-12	08/27/75	1810	314	CM	26	7.8	7.2	0	34	0.9	0.9	47
G-12	09/30/75	1650	761	CM	20	5.8	6.1	8	8	0.3	0.3	48
G-12	10/29/75	1250	1,115	CM	17	6.4	6.6	4	22	0.2	0.0	46
G-12	12/04/75	1150	976	CM	10	5.5	5.2	4	1	0.0	0.0	37
G-12	12/30/75	1223	1,357	CM	2	5.9	6.5	2	6	0.3	0.1	55

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	F ^{LD} PH	LAB PH	ACID MG/L	ALK ¹ MG/L	FE(T) MG/L	FE++ MG/L	SO ₄ MG/L
G-13	01/30/75	1520	4,450	W	2	6.2	6.0	4	6	0.0	0.0	325
G-13	02/26/75	1320	17,300	W	5	6.7	6.1	8	4	0.0	0.0	275
G-13	03/24/75	1505	8,350	W	7	6.4	6.2	2	6	0.0	0.0	200
G-13	04/24/75	1500	1,480	W	10	6.3	5.6	8	6	0.0	0.0	275
G-13	05/28/75	1440	2,140	W	18	5.6	6.7	2	6	0.0	0.0	175
G-13	06/25/75	1515	1,898	W	22	6.3	6.5	0	16	0.4	0.0	12
G-13	07/23/75	1430	1,150	E	22	5.6	6.5	0	10	0.0	0.0	16
G-13	08/27/75	1805	30	E	26	8.2	7.5	0	8	0.1	0.0	22
G-13	09/30/75	1645	1,890	W	20	6.1	6.0	8	14	0.1	0.0	22
G-13	10/29/75	1240	1,890	W	17	6.7	6.4	4	15	0.1	0.0	19
G-13	12/04/75	1155	1,890	W	10	5.6	5.9	4	32	0.2	0.0	50
G-13	12/31/75	1200	2,585	W	2	6.3	6.4	2	16	0.3	0.0	48
M-14	01/30/75	1330	530	CM	1	5.7	6.2	4	8	0.0	0.0	350
M-14	02/26/75	1510	333	CM	8	6.2	6.2	4	4	0.0	0.0	250
M-14	03/25/75	1645	300	E	10	6.2	5.9	4	6	0.0	0.0	250
M-14	04/24/75	1350	50	V	10	6.2	5.9	4	10	0.0	0.0	325
M-14	05/28/75	1635	427	CM	15	5.2	7.0	0	8	0.2	0.0	200
M-14	06/25/75	1740	464	CM	18	5.3	6.7	0	16	0.4	0.0	8
M-14	07/23/75	1530	25	V	21	7.0	6.6	0	12	0.0	0.0	14
M-14	08/27/75	1940	2	V	26	7.1	7.4	0	10	0.5	0.0	24
M-14	09/30/75	1545	439	CM	20	6.2	6.3	0	18	0.2	0.0	22
M-14	10/29/75	1155	350	E	16	6.5	6.3	4	15	0.2	0.0	18
M-14	11/25/75	1110	182	CM	9	5.7	5.7	0	20	0.1	0.0	35
M-14	01/06/76	1215	200	E	1	5.5	6.6	2	12	0.2	0.0	40
M-15	02/01/75	1430	27	V	4	5.3	5.3	12	6	0.0	0.0	350
M-15	02/26/75	1440	30	V	7	6.4	7.0	0	20	0.0	0.0	225
M-15	03/25/75	1545	30	E	10	6.1	6.0	6	16	0.2	0.0	275
M-15	04/24/75	1330	25	E	10	5.6	6.3	16	20	0.4	0.0	300
M-15	05/28/75	1625	30	E	10	5.1	6.4	4	4	0.0	0.0	250
M-15	06/25/75	1730	40	E	15	4.1	5.5	4	8	0.4	0.0	126
M-15	07/23/75	1505	30	E	20	4.5	5.5	12	10	0.3	0.0	108
M-15	08/27/75	0920	20	V	18	5.4	6.5	0	16	0.7	0.0	116
M-15	09/30/75	1520	35	E	20	5.4	6.4	0	48	0.6	0.2	94
M-15	10/29/75	1130	35	E	20	5.4	5.1	8	15	0.5	0.1	134
M-15	11/25/75	1100	18	E	16	5.2	5.1	8	15	0.5	0.1	175
M-15	01/06/76	1212	30	E	9	5.3	5.2	8	16	0.2	0.1	145

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	F ¹ LD PH	LAB PH	ACID MG/L	ALK ¹ MG/L	FE(T) MG/L	FE++ MG/L	SO4 MG/L
M-16	02/01/75	1515	240	CM	4	4.0	4.0	22	0	0.0	0.0	375
M-16	02/26/75	1400	188	CM	8	3.6	4.4	12	0	0.0	0.0	225
M-16	03/25/75	1545	175	E	10	4.5	3.9	16	0	0.0	0.0	275
M-16	04/24/75	1315	75	E	10	4.2	3.7	24	0	0.0	0.0	350
M-16	05/28/75	1615	142	CM	10	3.7	4.0	14	0	0.0	0.0	300
M-16	06/25/75	1720	50	CM	15	4.4	4.2	28	0	0.1	0.0	90
M-16	07/23/75	1600	0	CM	20	4.5	4.2	26	2	0.0	0.0	82
M-16	08/28/75	0910	15	V	17	4.2	4.3	32	2	0.2	0.0	120
M-16	09/30/75	1515	105	CM	20	3.5	4.2	16	4	0.1	0.0	68
M-16	10/29/75	1125	100	CM	16	4.2	4.1	24	7	0.1	0.0	64
M-16	11/25/75	1055	85	CM	10	4.1	3.9	24	4	0.5	0.0	155
M-16	01/06/76	1200	100	E	7	3.9	4.1	24	4	0.1	0.0	135
M-17	02/01/75	1545	12	V	4	3.3	3.4	60	0	0.0	0.0	350
M-17	02/26/75	1545	75	V	8	3.1	3.6	40	0	0.1	0.0	325
M-17	03/25/75	1545	50	E	10	4.0	3.3	32	0	0.0	0.0	275
M-17	04/24/75	1310	20	E	10	4.1	3.2	70	0	0.6	0.0	275
M-17	05/28/75	1600	36	E	11	3.4	3.4	48	0	0.1	0.0	200
M-17	06/25/75	1715	15	E	15	3.3	3.6	78	0	0.6	0.0	144
M-17	07/23/75	1525	DRY									
M-17	08/28/75	0900	DRY									
M-17	09/30/75	1510	NO FLOW									
M-17	10/29/75	1120	NO FLOW									
M-17	11/25/75	1045	25	E	10	3.6	3.4	72	0	0.4	0.1	250
M-17	01/06/76	1200	25	E	7	3.4	3.5	74	0	0.5	0.1	180
M-18	01/29/75	1200	780	W	2	6.1	5.8	6	4	0.0	0.0	325
M-18	02/25/75	1735	680	W	3	5.7	5.8	10	4	0.0	0.0	300
M-18	03/24/75	1615	690	W	7	5.8	5.6	2	4	0.0	0.0	200
M-18	04/24/75	1420	450	W	10	6.6	5.5	2	6	0.2	0.0	300
M-18	05/28/75	1540	857	W	16	5.9	6.6	2	6	0.0	0.0	225
M-18	06/25/75	1610	766	W	21	5.5	6.5	0	12	0.4	0.0	12
M-18	07/23/75	1510	250	W	20	5.6	6.2	0	10	0.1	0.0	18
M-18	08/27/75	1900	325	W	23	7.7	6.5	0	8	2.2	0.0	24
M-18	09/30/75	1555	397	W	20	6.5	5.9	4	12	0.2	0.1	24
M-18	10/29/75	1210	326	W	16	6.5	6.1	8	15	0.6	0.1	16
M-18	12/04/75	1200	327	W	10	6.4	5.4	12	16	0.0	0.0	35
M-18	12/31/75	1155	812	W	2	6.2	5.1	16	16	0.0	0.0	16

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	F'LD PH	LAB PH	ACID MG/L	ALK' MG/L	FE(T) MG/L	FE++ MG/L	504 MG/L
M-19	01/29/75	1220	7,310	W	2	6.0	6.1	4	8	0.0	0.0	275
M-19	02/25/75	1800	49,000	W	3	6.3	6.2	8	6	0.0	0.0	475
M-19	03/24/75	1542	7,300	W	7	6.5	6.0	2	4	0.0	0.0	225
M-19	04/24/75	1440	2,600	W	10	6.2	5.8	4	8	0.0	0.0	275
M-19	05/28/75	1515	2,900	W	17	5.4	6.5	4	6	0.0	0.0	275
M-19	06/25/75	1545	1,850	W	21	6.1	6.5	0	12	0.2	0.0	8
M-19	07/23/75	1500	250	E	23	5.7	6.9	0	14	0.2	0.0	18
M-19	09/30/75	1600	0	W	21	6.5	6.2	8	8	0.1	0.0	33
M-19	10/29/75	1220	0	W	16	6.5	6.1	4	15	0.2	0.1	16
M-19	12/04/75	1220	910	W	10	6.4	5.6	8	26	0.0	0.0	55
M-19A	06/25/75	1650	1,685	CM			****	NOT SAMPLED		****		
M-19A	07/23/75	1535	264	CM			****	NOT SAMPLED		****		
M-19A	08/27/75	1840	442	CM	23	7.8	6.6	0	14	0.3	0.0	20
M-19A	09/30/76	1615	1,091	CM			****	NOT SAMPLED		****		
M-19A	10/29/75	1230	564	CM			****	NOT SAMPLED		****		
F-20	01/29/75	1715	5,781	CM	2	6.3	5.8	6	4	0.0	0.0	300
F-20	02/25/75	1715	2,995	CM	4	6.2	5.2	10	2	0.0	0.0	375
F-20	03/24/75	1600	6,531	CM	7	6.3	5.8	2	6	0.0	0.0	225
F-20	04/24/75	1405	2,176	CM	10	6.1	5.9	2	8	0.0	0.0	350
F-20	05/29/75	0755	4,795	CM	12	6.5	6.7	4	6	0.0	0.0	225
F-20	06/26/75	1115	2,774	CM	21	7.0	6.6	0	12	0.1	0.0	8
F-20	07/24/75	0750	889	CM	17	7.8	6.8	0	14	0.0	0.0	14
F-20	08/28/75	1040	979	CM	21	8.2	6.6	0	10	0.3	0.0	22
F-20	10/01/75	0810	3,052	CM	19	6.5	6.1	4	20	0.1	0.0	30
F-20	10/30/75	0845	3,818	CM	16	6.4	6.4	4	52	0.1	0.0	24
F-20	12/05/75	0815	3,640	CM	10	6.1	5.7	4	10	0.0	0.0	37
F-20	12/30/75	1155	5,361	CM	2	6.4	6.2	4	10	0.0	0.0	20

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	F'LD PH	LAB PH	ACID MG/L	ALK' MG/L	FE(T) MG/L	FE++ MG/L	SO4 MG/L
F-20A	05/29/75	0815	5,177	CM			*****	NOT	SAMPLED	*****		
F-20A	06/26/75	1145	2,109	CM			*****	NOT	SAMPLED	*****		
F-20A	07/24/75	0815	956	CM			*****	NOT	SAMPLED	*****		
F-20A	08/28/75	1100	797	CM			*****	NOT	SAMPLED	*****		
F-20A	09/30/75	0830	3,574	CM			*****	NOT	SAMPLED	*****		
F-20A	10/30/75	0910	4,429	CM			*****	NOT	SAMPLED	*****		
F-20A	12/04/75	0840	3,769	CM			*****	NOT	SAMPLED	*****		
F-20A	12/30/75	1210	4,877	CM			*****	NOT	SAMPLED	*****		
F-20A	02/26/76	1330	3,082	CM			*****	NOT	SAMPLED	*****		
F-20A	03/30/76	1345	2,927	CM			*****	NOT	SAMPLED	*****		
F-20A	04/28/76	1700	2,145	CM			*****	NOT	SAMPLED	*****		
F-20A	05/27/76	1610	3,449	CM			*****	NOT	SAMPLED	*****		
F-20A	06/29/76	0735	1,144	CM			*****	NOT	SAMPLED	*****		
F-20B	05/29/75	0755	4,121	CM			*****	NOT	SAMPLED	*****		
F-20B	06/26/75	1200	1,910	CM			*****	NOT	SAMPLED	*****		
F-20B	07/24/75	0830	821	CM			*****	NOT	SAMPLED	*****		
F-20B	08/28/75	1000	860	CM			*****	NOT	SAMPLED	*****		
F-20B	10/01/75	0845	2,396	CM			*****	NOT	SAMPLED	*****		
F-20B	10/30/75	0915	4,597	CM			*****	NOT	SAMPLED	*****		
F-20B	12/05/75	0825	3,543	CM			*****	NOT	SAMPLED	*****		
F-20B	12/31/75	1210	5,901	CM			*****	NOT	SAMPLED	*****		
F-20B	02/26/76	1310	3,426	CM			*****	NOT	SAMPLED	*****		
F-20B	03/30/76	1345	2,927	CM			*****	NOT	SAMPLED	*****		
F-20B	04/28/76	1640	1,904	CM			*****	NOT	SAMPLED	*****		
F-20B	05/27/76	1630	3,452	CM			*****	NOT	SAMPLED	*****		
F-20B	06/29/76	0716	1,641	CM			*****	NOT	SAMPLED	*****		
F-21	01/29/75	1645	5,370	CM	2	7.0	5.5	10	4	0.0	0.0	275
F-21	02/25/75	1645	5,370	CM	4	5.6	4.5	6	0	0.0	0.0	250
F-21	03/24/75	1700	6,059	CM	7	5.7	5.5	4	2	0.0	0.0	250
F-21	04/25/75	1015	2,190	CM	10	6.2	5.9	2	6	0.0	0.0	325
F-21	05/29/75	1000	3,073	CM	12	6.4	6.7	0	8	0.0	0.0	225
F-21	06/26/75	1215	1,638	CM	16	6.1	6.7	0	14	0.3	0.0	8
F-21	07/24/75	0845	1,049	CM	21	7.6	6.8	0	14	0.1	0.1	14
F-21	08/28/75	1100	826	CM	22	7.8	6.7	6	8	0.1	0.1	24
F-21	10/01/75	0845	3,401	CM	20	6.5	6.2	8	28	0.1	0.1	33
F-21	10/30/75	0930	4,512	CM	15	6.5	6.4	4	52	0.1	0.0	24
F-21	12/05/75	0915	3,653	CM	10	6.0	5.7	4	22	0.0	0.0	32
F-21	12/30/75	1110	5,892	CM	1	6.0	6.2	2	10	0.0	0.0	20

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW		TEMP	F'LD PH	LAB PH		ACID MG/L	ALK' MG/L	FE(T) MG/L	FE++ MG/L	SO4 MG/L
			(GPM)	METH.			METH.	PH					
L-21A	04/25/75	1000	2,000	E	8	6.3	6.3	2	8	0.0	0.0	275	
L-21A	05/29/75	1035	1,200	E	12	5.9	6.8	2	8	0.0	0.0	150	
L-21A	06/26/75	1245	3,105	CM	16	6.1	6.8	0	14	0.2	0.0	8	
L-21A	07/24/75	0930	2,687	CM	19	6.9	6.6	0	10	0.0	0.0	16	
L-21A	08/28/75	1125	585	CM	21	7.9	6.7	0	14	0.0	0.0	4	
L-21A	10/01/75	0910	9,140	CM	20	6.5	6.3	4	28	0.1	0.0	30	
L-21A	10/30/75	0950	4,152	CM	12	6.5	6.3	8	15	0.1	0.0	24	
L-21A	12/05/75	0935	5,181	CM	10	6.0	5.2	4	18	0.0	0.0	32	
L-21A	12/30/75	1050	8,534	CM	1	5.8	6.3	4	10	0.0	0.0	20	
L-22	01/29/75	1620	28,520	W	2	6.9	6.0	4	4	0.0	0.0	275	
L-22	02/25/75	1615	58,000	W	5	5.6	6.0	8	2	0.0	0.0	325	
L-22	03/24/75	1645	23,560	W	7	7.3	5.9	4	4	0.0	0.0	275	
L-22	04/25/75	0840	4,660	W	10	6.2	8.1	0	22	0.0	0.0	300	
L-22	05/29/75	1045	8,080	W	14	6.2	6.8	2	8	0.0	0.0	225	
L-22	06/26/75	1320	2,860	W	20	6.8	6.7	0	14	0.3	1.0	10	
L-22	07/24/75	1000	1,500	E	23	7.3	6.5	0	12	0.0	0.0	14	
L-22	10/01/75	0940	0	W	21	6.5	6.2	8	28	0.1	0.0	30	
L-22	10/30/75	1015	0	W	13	6.5	6.3	12	22	0.1	0.0	36	
L-22	12/05/75	1005	4,690	W	10	7.5	5.6	12	20	0.0	0.0	35	
L-22	01/06/76	1315	0	W	2	5.7	6.3	2	10	0.0	0.0	21	
L-22A	06/25/75	1320	2,742	CM			***	NOT	SAMPLED	***	***		
L-22A	07/24/75	1015	1,610	CM			***	NOT	SAMPLED	***	***		
L-22A	08/28/75	1200	660	CM	23	7.8	6.7	0	14	0.7	0.0	6	
L-22A	10/01/75	0945	13,900	W			***	NOT	SAMPLED	***	***		
L-22A	10/30/75	1020	8,500	W			***	NOT	SAMPLED	***	***		
L-22A	12/05/75	1010	0	W			***	NOT	SAMPLED	***	***		
L-22A	12/30/75	1027	13,716	CM			***	NOT	SAMPLED	***	***		
L-22A	01/15/76	1430	6,340	CM			***	NOT	SAMPLED	***	***		
L-22A	01/29/76	1400	24,395	CM			***	NOT	SAMPLED	***	***		
L-22A	02/26/76	1230	11,641	CM			***	NOT	SAMPLED	***	***		
L-22A	03/30/76	1630	6,599	CM			***	NOT	SAMPLED	***	***		
L-22A	04/28/76	1615	5,068	CM			***	NOT	SAMPLED	***	***		
L-22A	05/27/76	1700	7,343	CM			***	NOT	SAMPLED	***	***		
L-22A	06/29/76	0618	24,020	CM			***	NOT	SAMPLED	***	***		

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	F'LD PH	LAB PH	ACID MG/L	ALK' MG/L	FE(T) MG/L	FE++ MG/L	SO4 MG/L
L-23	01/29/75	1005	18,259	CM	4	6.7	6.2	4	10	0.0	0.0	250
L-23	02/25/75	1545	62,434	CM	4	5.7	5.5	4	4	0.0	0.0	275
L-23	03/25/75	0900	20,021	CM	10	6.8	5.9	4	4	0.0	0.0	300
L-23	04/25/75	1710	3,408	CM	12	5.7	5.6	4	6	0.6	0.0	300
L-23	05/29/75	1330	6,896	CM	14	6.2	6.9	2	10	0.1	0.0	200
L-23	06/26/75	0845	4,855	CM	19	7.3	6.6	0	12	1.0	0.0	10
L-23	07/24/75	1045	2,234	CM	23	6.6	6.5	0	10	0.1	0.0	16
L-23	08/28/75	1320	7,352	CM	24	7.9	6.7	0	12	0.3	0.0	12
L-23	10/01/75	1045	10,913	CM	22	6.5	6.1	12	28	0.2	0.0	30
M-23	10/30/75	1145	7,008	CM	13	6.5	6.1	4	22	0.1	0.0	36
L-23	12/05/75	1125	6,988	CM	10	7.6	5.7	4	30	0.1	0.1	32
L-23	12/30/75	0850	15,290	CM	3	6.6	6.3	2	10	0.1	0.0	22
L-23	02/11/76	1220	1,300	CM	2	5.6	7.1	6	10	0.3	0.1	60
L-23	02/26/76	1020	13,044	CM	8	6.3	4.8	6	16	0.1	0.0	75
L-23	03/30/76	1515	8,604	CM	13	6.4	6.7	6	20	0.1	0.0	75
L-23	04/28/76	1425	5,501	CM	8	6.0	5.8	8	6	0.2	0.1	180
L-23	05/27/76	1430	10,041	CM	15	8.5	6.9	14	18	0.2	0.0	83
L-23	06/29/76	0910	24,104	CM	12	8.8	7.1	18	20	0.4	0.2	28
L-23A	06/26/75	0930	23	CM	18	6.9	6.7	0	64	1.0	0.0	88
L-23A	08/28/75	1350	1	E	26	7.5	7.1	0	182	1.6	0.0	80
L-23A	10/01/75	1105	20	CM	22	6.1	6.6	0	80	0.4	0.0	84
L-23A	12/05/75	1155	56	CM	10	7.6	6.1	0	68	0.5	0.2	147
L-23A	12/30/75	0915	59	CM				NOT	SAMPLED			
L-23B	05/29/75	1320	8,223	CM				NOT	SAMPLED			
L-23B	06/26/75	0945	3,403	CM	19	6.3	6.6	0	12	0.5	0.0	20
L-23B	08/28/75	1300	7,415	CM				NOT	SAMPLED			
L-23B	10/01/75	1025	11,872	CM				NOT	SAMPLED			
L-23B	10/30/75	1110	9,224	CM				NOT	SAMPLED			
L-23B	12/05/75	1055	7,605	CM				NOT	SAMPLED			
L-23B	12/30/75	0925	17,318	CM				NOT	SAMPLED			
L-23B	02/26/76	1130	13,835	CM				NOT	SAMPLED			
L-23B	03/30/76	1545	9,834	CM				NOT	SAMPLED			
L-23B	04/28/76	1510	5,517	CM				NOT	SAMPLED			
L-23B	05/27/76	1400	9,199	CM				NOT	SAMPLED			
L-23B	06/29/76	0830	30,405	CM				NOT	SAMPLED			

WATER QUALITY TEST DATA

<u>STA.</u>	<u>DATE</u>	<u>TIME</u>	<u>FLOW (GPM)</u>	<u>METH.</u>	<u>TEMP</u>	<u>F'LD PH</u>	<u>LAB PH</u>	<u>ACID MG/L</u>	<u>ALK' MG/L</u>	<u>FE(T) MG/L</u>	<u>FE++ MG/L</u>	<u>SO4 MG/L</u>
Q-29	01/28/75	1705	DRY									
C-29A	02/25/75	1420	148	CM	4	4.4	4.1	16	0	0.1	0.0	250
C-29A	03/25/75	1420	NO FLOW									
C-29A	04/25/75	1120	DRY									
C-29A	05/28/75	1735	DRY									
C-29A	06/26/75	0825	DRY									
C-29A	07/23/75	1725	DRY									
C-29A	08/27/75	1245	DRY									
C-29A	10/01/75	0615	DRY									
C-29A	10/29/75	1625	DRY									
C-29A	12/04/75	1345	DRY									
C-29A	01/06/76	1420	DRY									
C-30	01/28/75	1320	154	CM	4	6.5	5.9	6	4	0.0	0.0	300
C-30	02/25/75	1230	1,223	CM	3	6.8	5.3	6	2	0.0	0.0	250
C-30	03/25/75	1310	1,101	CM	8	7.5	5.1	4	2	1.5	0.0	300
C-30	04/25/75	0900	150	E	12	6.1	5.2	6	4	0.0	0.0	225
C-30	05/29/75	1130	55	CM	14	6.4	6.5	4	6	0.0	0.0	250
C-30	06/26/75	1445	45	CM	16	7.3	6.3	6	10	0.3	0.0	10
C-30	07/23/75	1650	30	E	16	7.8	7.0	0	6	1.1	0.0	8
C-30	08/27/75	1220	20	E	21	8.2	7.5	0	12	2.3	0.0	8
C-30	10/01/75	1130	50	CM	20	7.2	6.4	8	40	0.1	0.0	33
C-30	10/29/75	1655	120	E	16	6.3	5.6	4	15	0.2	0.0	22
C-30	12/04/75	1314	297	CM	9	6.4	6.0	4	24	0.0	0.0	30
C-30	01/06/76	1258	250	E	2	6.4	6.1	4	6	0.2	0.0	26
C-31	01/28/75	1255	216	CM	3	7.2	5.5	6	4	0.0	0.0	325
C-31	02/25/75	1315	1,253	CM	4	6.2	5.7	8	4	0.0	0.0	275
C-31	03/25/75	1250	150	W	8	7.1	5.5	4	4	0.0	0.0	275
C-31	04/25/75	0915	75	E	12	5.9	5.5	4	4	0.0	0.0	275
C-31	05/29/75	1135	100	V	14	5.7	6.6	2	8	0.0	0.0	200
C-31	06/26/75	1515	35	E	16	7.3	6.1	12	10	0.0	0.0	20
C-31	07/23/75	1700	NO FLOW									
C-31	08/27/75	1230	DRY									
C-31	10/01/75	1145	60	V	21	7.0	5.9	4	40	0.1	0.0	33
C-31	10/29/75	1645	50	E	16	6.1	5.0	12	15	0.1	0.0	26
C-31	12/04/75	1305	160	V	9	6.4	5.9	4	6	0.0	0.0	30
C-31	01/06/76	1304	100	F	5	6.2	6.1	2	12	0.0	0.0	22

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	F ¹ LD PH	LAB PH	ACID MG/L	ALK' MG/L	FE(T) MG/L	FE++ MG/L	SO4 MG/L
N-4	03/25/75	1100	9,200	W	12	6.3	3.3	300	0	97.7	97.4	1625
N-4	04/24/75	0745	2,100	W	15	6.3	3.1	276	0	126.0	1.1	1875
N-4	05/29/75	0750	3,200	W	17	6.8	3.4	460	0	149.0	143.0	1825
N-4	06/25/75	0745	1,700	W	16	6.0	5.3	286	26	178.0		1734
N-4	07/23/75	0745	3,150	W	16	5.8	3.8	2000		107.0		1980
N-4	08/27/75	1000	NO FLOW									
N-4	09/30/75	0750	12,000	E	15	5.5	5.1	328	32	259.0	108.0	1850
N-4	10/29/75	0810	7,500	W	16	5.8	4.1	240	4	220.0	195.0	2250
N-4	11/25/75	0725	1,480	W	12	5.4	4.9	230	78	170.0	170.0	2175
N-4	01/06/76	0825	500	W	12	5.7	5.7	214	94	124.0	123.0	1975
N-4	01/29/76	0830	800	W	12	5.9	4.0	220		149.0	138.0	1925
N-4	02/26/76	0720	7,270	W	12	5.7	4.5	230	18	148.0	140.0	1550
N-4	03/30/76	0750	3,275	W	12	6.5	4.9	180	24	118.0	118.0	1275
N-4	04/28/76	0800	1,300	W	12	6.8	4.6	152	6	118.0	110.0	1438
N-4	05/27/76	0710	4,220	W	10	5.3	3.4	228		132.5	131.2	1825
N-4	06/29/76	1625	700	W	12	3.5	3.5	256	0	152.5	141.3	3250
PLAIN	01/28/75	0950	3,450	SD	9	4.6	5.6	282	68	82.0	81.7	1325
PLAIN	03/24/75	0930	Flooded	SD	13	5.7	3.4	60	0	65.9	64.9	1100
PLAIN	04/24/75	1000	3,500	E	15	6.6	3.4	178	0	79.0	78.4	1225
PLAIN	05/28/75	0930	1,297	SD	16	5.9	3.5	18	0	73.4	79.4	1100
PLAIN	06/25/75	1050	3,233	SD	16	6.1	5.5	90	34	96.3		880
PLAIN	07/23/75	1010	1,796	SD	16	5.8	6.1	130	100	86.0		880
PLAIN	08/27/75	1330	No Flow	SD	22	6.9	5.9	0	82	1.5		36
PLAIN	09/30/75	1040	8,980	SD	15	5.8	5.5	40	92	70.0	60.0	470
PLAIN	10/29/75	1025	6,106	SD	15	6.1	4.1	176	4	90.0	83.0	925
PLAIN	11/25/75	1000	4,378	SD	12	6.1	3.7	128		80.0	80.0	975
PLAIN	01/06/76	0925	2,010	SD	10	6.4	6.0	94	104	71.0	71.0	93
PLAIN	01/29/76	1010	6,174	SD	12	6.1	3.9	62	18	81.0	81.0	*1275
PLAIN	02/26/76	0945	8,172	SD	12	5.7	4.7	64	42	75.0	75.0	1990
PLAIN	03/30/76	1000	3,637	SD	12	6.2	5.5	100		75.0	75.0	1188
PLAIN	04/28/76	1045	2,560	SD	9	6.1	5.1	166	4	85.0	68.0	1188
PLAIN	05/27/76	0930	2,335	SD	10	5.6	3.9	68		82.0	71.3	988
PLAIN	06/29/76	1500	2,335	SD	12	4.2	4.2	54	6	85.7	82.5	763

* Test data represents ponded water from an adjacent storm sewer outlet.

WATER QUALITY TEST DATA

STA.	DATE	TIME	FLOW (GPM)	METH.	TEMP	F.L.D PH	L.A.R PH	ACID MG/L	ALK' MG/L	FE(T) MG/L	FE++ MG/L	SO4 MG/L
S-2	03/25/75	1030	14,947	CM	12	5.6	5.0	246	22	70.0	69.4	1300
S-2	04/24/75	0900	9,687	CM	15	6.1	3.7	374	0	87.7	5.6	1350
S-2	05/29/75	1500	6,896	CM	18	5.4	3.3	178	0	88.0	82.3	1475
S-2	06/25/75	0910	8,453	CM	16	5.9	5.8	178	60	114.0		1144
S-2	07/23/75	0900	6,256	CM	16	5.8	5.4	162	30	96.3		1496
S-2	08/27/75	1030	4,790	CM	18	6.2	5.7	300	52	134.0		1342
S-2	09/30/75	0900	20,905	CM	15	5.9	5.4	200	60	130.0	108.0	1000
S-2	10/29/75	0910	12,364	CM	15	5.7	5.3	20	41	112.0	100.0	1150
S-2	11/25/75	1445	11,478	CM	12	5.8	5.7	166	60	96.0	95.0	1150
S-2	12/30/75	0830	7,204	CM	14	5.8	5.3	154	84	86.0	86.0	1375
S-2	02/11/76	1445	12,371	CM	12	5.7	4.5	183	14	112.0	100.0	1500
S-2	02/26/76	0815	16,569	CM	12	5.7	4.6	200	18	106.0	105.0	1150
S-2	03/30/76	0855	10,952	CM	12	5.4	4.9	156	10	87.5	87.0	1050
S-2	04/28/76	0930	8,901	CM	8	5.5	5.5	170	16	100.0	100.0	1350
S-2	05/27/76	0830	9,227	CM	10	5.1	5.2	152	16	120.0	115.0	1225
S-2	06/29/76	1610			12	5.0	5.0	182	22	105.0	105.0	1400
S-3	02/25/75	1800	29,254	CM	14	4.7	3.3	538	0	162.0	157.0	2375
S-3	03/25/75	1000	23,810	CM	12	5.6	3.3	440	0	115.0	112.0	1875
S-3	04/24/75	0930	15,214	CM	15	5.2	2.9	900	0	155.0	60.5	1800
S-3	05/29/75	1430	19,845	CM	18	5.3	3.2	420	0	153.0	151.0	1875
S-3	06/26/75	1000	18,682	CM	16	5.6	5.6	346	30	185.0		1562
S-3	07/23/75	0945	16,711	CM	16	5.5	3.9	780	30	170.0		1496
S-3	08/27/75	1115	15,540	CM	18	5.4	5.3	500	16	18.0	210.0	1500
S-3	09/30/75	0940	21,654	CM	15	5.5	5.2	352	44	232.0	180.0	1825
S-3	10/29/75	0940	18,847	CM	15	5.6	5.3	320	30	181.0	180.0	1825
S-3	11/25/75	0900	24,187	CM	12	5.9	5.9	276	42	181.0	180.0	2175
S-3	12/30/75	1422	16,274	CM	14	5.6	5.3	290	50	139.0	138.0	2075
S-3	02/11/76	0900	23,377	CM	12	5.6	4.5	294	14	167.0	150.0	1625
S-3	02/26/76	0850	24,588	CM	12	5.7	4.7	330	18	177.0	150.0	1625
S-3	03/30/76	0930	19,585	CM	12	5.5	4.6	90	2	135.0	135.0	183
S-3	04/28/76	1000	17,433	CM	8	5.6	5.3	308	2	156.0	133.0	1963
S-3	05/27/76	0900	14,364	CM	10	4.6	3.6	364	0	200.0	170.0	1313
S-3	06/29/76	1545			12	3.8	3.8	394	0	200.0	200.0	1750

