

SUMMARY OF WATER QUALITY TESTS

ABBREVIATIONS

FLOW MEASUREMENT

- CM :- Current Meter
- CD :- Determination of critical depth at channel constriction
- SD :- Interpolated from Stage-Discharge relationship
- EC :- Flow estimated from measurements at adjacent stations
- W :- Weir; permanent
- TW :- Weir; temporary
- EST :- Visual estimate of flow
- VM :- Flow measured by volumetric method
- WP :- Weir; pipe
- EV :- Flow velocity estimated using floating chip

MISCELLANEOUS

- N.S.:- Not Sampled
- N.R.:- Not Recorded
- TNTC:- Too Numerous To Count



SUMMARY OF WATER QUALITY TESTS

SOLOMON WATERSHED

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO:- S-1 JOB NO.:- SL 181-3

LOCATION:- U.S. Army Corps of Engineers Staff Gage

DATE		FIELD DATA				LABORATORY DATA						REMARKS & SPECIAL TESTS
		TIME	FLOW		pH	Acidity mg/L	Alkalinity mg/L	IRON		SO ⁴ mg/L		
			Method	Q (GPM)				Total mg/L	Fe ⁺⁺ mg/L			
8/09/73	1510		*	22	5.50	2.8	440	0	270	75	2000	
9/21/73	1000		*	12	5.65	3.6	400	0	240	200	2000	
10/25/73	1730		*	16	5.70	2.7	500	0	278	246	1800	
11/26/73	1700		*	NR	NR	2.8	500	0	318	0	1800	
1/07/74	1600		*	12	5.68	2.9	500	0	247	178	1750	
2/04/74	1415		*	8	5.30	3.0	400	0	250	153	1100	
3/22/74			NR									
4/29/74	1425		*	25	5.70	2.9	460	0	205	204	1375	
5/29/74	1355		*	16	5.60	2.8	320	0	165	165	1675	
6/26/74			NR									
7/16/74	1425		-	14	5.80	2.9	1200	0	174	174	1225	
8/20/74	1355	CM	15,162	25	6.30	2.5	700	0	284	193	2025	

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO: - S-1A

JOB NO.: - SL 181-3

LOCATION: - At Staff Gage of Corp. of Engineers Pumping Station, 100 yds West on S.bank

DATE	TIME	FIELD DATA			LABORATORY DATA						REMARKS & SPECIAL TESTS		
		Method	FLOW		Temp. °C	PH	Acidity mg/L	Alkalinity mg/L	IRON			SO ⁴ mg/L	
			Q (GPM)						Total mg/L	Fe ⁺⁺ mg/L			
8/09/73	1545	EST	100	16	5.90	NS							Mine Seepage - Heavy Iron Precipitate at outlet
9/21/73	1100	WP	40	14	6.30	5.8	43	0	200	160	2000		
10/25/73	1800	VM	35	15	6.25	5.7	300	140	255	157	1975		
11/26/73			NR										
1/07/74	1545	TW	80	14	5.95	5.4	334	200	169	136	2175		
2/04/74	1420	TW	70	14	6.25	5.6	430	252	190	139	1475		
3/22/74													
4/29/74	1445	CD	40	21	6.47	5.5	52	274	150	149	1900		
5/29/74	1400	CD	35	15	6.35	5.4	60	170	146	143	2750		
6/26/74													
7/16/74	1430	VM	30	19	6.25	5.6	340	286	134	133	1975		
8/20/74	1340	VM	24	18	6.33	5.5	328	352	154	144	1975		

SUMMARY OF WATER QUALITY TESTS

JOB NO.: - SL 181-3

MONITORING STATION NO.: - S-2
 Location: - Portal Buttonwood Mine Drainage Tunnel.

FIELD DATA				LABORATORY DATA							REMARKS & SPECIAL TESTS
DATE	TIME	FLOW		Temp °C	pH	Acidity mg/L	Alkalinity mg/L	IRON		SO ⁴ mg/L	
		Method	Q (GPM)					Total	Fe ⁺⁺ mg/L		
8/09/73	1730	CM	7,700	18	5.50	240	0	160	9.5	1600	
9/21/73	1145	SD	7,000	16	5.60	230	0	160	130	1700	
10/25/73	1700	SD	4,500	17	5.65	400	10	211	144	1525	
11/26/73	1645	CM	4,500	16	5.65	500	28	172	101	1575	
1/07/74	1655	CM	13,300	12	5.38	300	42	140	121	1400	
2/04/74	1435	SD	14,000	13	5.55	268	0	167	113	1325	
3/21/74	0800	SD	13,000	16	5.72	242	80	204	103	1025	
4/29/74	1505	SD	13,100	18	5.45	220	0	102	102	975	
5/29/74	1420	SD	11,500	17	5.65	160	0	114	112	1750	
6/26/74	0815	SD	9,200	18	5.50	600	0	167	120	1025	
7/16/74	1345	CM	5,200	19	5.44	-	-	-	-	-	
8/20/74	1435	CM	3,750	25	6.30	300	0	149	141	1225	
11/18/74	1050	CM	5,000		NS						

* Sample lost in transit

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO.:- S-3

JOB NO.:- SL 181-3

LOCATION:- 100' Downstream of three (3) 36" drain holes.

FIELD DATA				LABORATORY DATA						REMARKS & SPECIAL TESTS		
DATE	TIME	FLOW		pH	pH	Acidity mg/L	Alkalinity mg/L	IRON			SO ⁴ mg/L	
		Method	Q (GPM)					Total mg/L	Fe ⁺⁺ mg/L			
8/09/73	1740	CM	13,700	16	5.40	2.9	590	0	350	160	2400	* Construction of New Borehole Outlet
9/21/73	1230	SD	13,000	15	5.30	4.8	600	0	320	310	2000	
10/25/73	1630	SD	13,000	15	5.20	2.9	600	0	389	269	2050	
11/26/73	1605	CM	9,500	15	5.18	3.0	1000	0	419	179	2150	
1/07/74	1730	EST*	15,000	14	5.40	3.1	500	0	248	242	2050	
2/04/74	1515	EST*	13,500	13	5.25	3.1	500	0	400	245	1650	
3/21/74	0835	EST	13,500	15	5.48	4.3	574	0	531	278	1725	
4/29/74	1530	SD	20,700	19	5.42	3.0	650	0	274	268	1700	
5/29/74	1435	VE	17,500	16	5.45	2.9	500	0	246	245	2200	
6/26/74	0825	SD	14,800	16	5.48	2.7	520	0	290	217	1400	
7/16/74	1315	CM	13,500	13	5.40	3.0	1100	0	210	158	1450	
8/20/74	1505	CM	12,400	16	5.35	2.5	700	0	234	234	1550	
11/18/74	1115	CM	13,500		NS							

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO.:- S-4 JOB NO.:- SI 181-3
 LOCATION:- Under Bridge at USGS Gaging Station.

FIELD DATA				LABORATORY DATA							REMARKS & SPECIAL TESTS	
DATE	TIME	FLOW		Temp °C	pH	Acidity mg/L	Alkalinity mg/L	IRON		SO ⁴ mg/L		
		Method	Q (GPM)					Total mg/L	Fe ⁺⁺ mg/L			
8/09/73	1915	G*	630	26	5.45	6	0	0.6	0.6	96	* USGS Records	
8/10/73	1930	G*	1750	NR	N.R.	14	0	4.3	<.5	150		
9/21/73	1310	G*	940	12	4.60	18	0	1.5	0.9	110		
10/25/73	1610	G*	580	17	5.00	12	2	1.2	0	110		
11/26/73	1550	G*	1530	7	5.60	10	0	1.5	0	200		
1/08/74	0825	G*	5160	0	4.85	10	2	0.6	0	70		
2/04/74	1515	G*	5160	2	5.15	10	0	1.5	0	55		
3/21/74	0845	G*	9200	16	5.72	4	10	1.1	0	53		
4/29/74	1540	G*	1440	24	4.85	**						** Record Lost
5/29/74	1455	G*	3140	15	6.45	16	30	0.7	0	175		
6/26/74	0850	G*	1820	15	6.29	6	8	0.6	0	200		
7/16/74	1125	G*	1140	14	5.95	18	14	0.3	0	54		
8/20/74	1540	G*	540	22	5.95	6	10	2.6	0	200		

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO:- S-5

JOB NO.:- SL 181-3

LOCATION:- R.R. Culvert South of Franklin Junction.

FIELD DATA				LABORATORY DATA						REMARKS & SPECIAL TESTS
DATE	TIME	FLOW		pH	Acidity mg/L	Alkalinity mg/L	IRON		SO ⁴ mg/L	
		Method	Q (GPM)				Total mg/L	Fe ⁺⁺ mg/L		
8/10/73	1315	CD	15	NR	14	0	12	9	360	
9/21/73	1315	WP	35	17	18	0	12	10	370	
10/25/73	1545	VM	10	15	200	0	23	0	675	
11/26/73	1545	TW	20	9	74	0	12	9	175	
1/08/74	0850	EV	60	0	90	0	17	7	505	
2/04/74	1535	CD	50	4	170	0	16	10	550	
3/21/74	0845	EV	120	4	16	12	2	0	151	BoD - 1 mg/l; NH ₃ - 1.75 mg/l; Coliform - TNTC
4/30/74	1550	CD	20	18	80	0	15.3	9	475	
5/29/74	1505	CD	125	16	14	24	5.0	2.2	200	
6/26/74	0900	WP	140	15	6	20	2.1	0	150	
7/16/74	1140	WP	140	18	48	10	119*	112*	100	* As reported - Probable Error
8/20/74	1550	WP	10	20	26	22	10.3	7.8	225	

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO:- S-6

JOB NO.:- SL 181-3

LOCATION:- Upstream of Small Bridge Under Blackman Street.

DATE		FIELD DATA				LABORATORY DATA						REMARKS & SPECIAL TESTS		
		TIME	Method	Q (GPM)	Temp. C	pH	pH	Acidity mg/L	Alkalinity mg/L	IRON				
										Total	Fe ⁺⁺		SO ⁴	
8/10/73	1400	CM	60	NR	6.3	0	0	0.9	0.5	24				
9/21/73	1340	WP	35	19	6.20	3	0	0.7	<.5	130				
10/25/73	1450	VM	6	16	6.20	4	10	1.7	0	20				
11/26/73	1510	WP	40	9	5.80	6	14	1.0	0	175				
1/08/74	0925	EV	100	0	5.18	28	2	2.9	2.2	165				
2/04/74	1550	EV	250	3	5.50	30	8	2.9	0	150				
3/21/74	1645	CM	2800	5	6.50	20	28	2.8	0	150				
4/29/74	1245	CD	10	25	5.65	2	10	0.4	0	150				
5/29/74	1525	CM	135	17	5.95	8	18	0.7	0	150				
6/26/74	0940	CD	130	17	5.92	6	8	1.1	0	150				
7/16/74	1010	WP	285	24	6.53	14	22	0.6	0	17				
8/20/74	1205	WP	8	25	6.60	8	38	1.2	0	225				

Sampled immediately after rain

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO: - S-8 JOB NO.: - SL 181-3
 LOCATION: - Inlet of Culvert Crossing Rte. 309.

FIELD DATA				LABORATORY DATA						REMARKS & SPECIAL TESTS		
DATE	TIME	FLOW		pH	Temp. C	pH	Acidity mg/L	Alkalinity mg/L	IRON		SO ⁴ mg/L	
		Method	Q (GPM)						Total mg/L	Fe ⁺⁺ mg/L		
8/10/73	1600		NO FLOW									
8/10/73	2000	CD	815			NS*						
9/21/73	1400		NO FLOW									
10/25/73	1510		DRY									
11/26/73	1425		DRY									
1/08/74	1000		DRY									
2/04/74	1615		DRY									
3/21/74	1615	CD	70			NS*						
4/29/74	1225		DRY									
5/29/74	1600		No Flow									
6/26/74	0955		No Flow									
7/16/74	0940		DRY									
8/20/74	1130		DRY									

* Storm Runoff

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO:- S-8A

JOB NO.:- SL 181-3

LOCATION:- At Outlet of Brick Culvert Crossing Rte. 309.

FIELD DATA				LABORATORY DATA							REMARKS & SPECIAL TESTS
DATE	TIME	FLOW		pH	Acidity mg/L	Alkalinity mg/L	IRON		SO ⁴ mg/L		
		Method	Q (GPM)				Temp. °C	Total mg/L		Fe ⁺⁺ mg/L	
8/10/73	1615	W	90	NR	0	2	0.9	0.5	24	Strong Sewage Odor at Low Flow	
9/21/73	1415	W	90	6.80	1	0	0.4	<.4	12		
10/25/73	1515	VM	36	6.80	14	18	1.2	0	30		
11/26/73	1435	W	120	7.15	300	110	3.0	0	75		
1/08/74	0955	W	150	5.38	80	56	0.3	0	35		
2/04/74	1625	W	150	6.65	34	52	0.9	0	40		
3/21/74	1600	W	160	6.95	12	56	1.1	0	225		
4/29/74	1230	W	50	7.15	14	126	0.1	0	150		
5/29/74	1610	W	50	6.35	16	52	0.1	0	225		
6/26/74	0950	W	50	7.00	42	96	0.6	0	225		
7/16/74	0950	W	45	6.62	60	86	0.6	0	14		
8/20/74	1140	W	36	6.60	20	94	0.9	0	125		

BoD - 4 mg/l; NH₃-N - 1.26 mg/l;
Coliform - TNTC 124 hours†

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO:- S-9 JOB NO.:- SL 181-3

LOCATION:- Concrete Weir 400' Upstream of Bridge on Ashley Street.

DATE	TIME	FIELD DATA				LABORATORY DATA						REMARKS & SPECIAL TESTS	
		Method	Q (GPM)	Temp. C	pH	pH	Acidity mg/L	Alkalinity mg/L	IRON		SO ⁴ mg/L	Suspended Solids mg/L	
									Total	Fe ⁺⁺			
8/14/73	1325	EST	3	20	3.85	3.5	74	0	6	3	100	14	
8/14/73	1605	EST	250	19	3.55	3.0	420	0	9	3	1700	6120	
9/21/73	1515	EST	400	18	3.80	3.5	130	0	77	50	480	6330	
9/21/73	1700	EST	100	18	3.80	3.3	130	0	27	16	480	608	
10/25/73	1130	VM	65	17	4.05	3.1	700	0	43	30	1025	247	
10/25/73	1845		NO FLOW										
11/26/73	1330	W	60	8	3.88	3.1	500	0	14	8	225	697	
1/08/74	1055	W	390	1	3.98	3.2	176	0	12	1	625	25	
1/08/74	1330	W	780	1	3.85	3.6	56	0	20	2	400	1755	
2/04/74	1700	W	2350	3	4.85	4.4	20	0	90	30	200	60,010	
3/22/74	0930	W	2800	7	4.53	4.3	14	0	3	0	71	33	
4/29/74	1340	W	240	24	4.10	3.8	48	0	10.3	2.2	150		
5/29/74	1445	W	110	17	3.90	3.7	42	0	0.2	0	200		
6/26/74	1040	W	65	16	3.50	3.2	60	0	3.8	3.4	200		
7/16/74	1104		DRY										
8/20/74	1630		DRY										

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO:- S-9B

JOB NO.:- SL 181-3

LOCATION:- HUBER COLLIERY - SILT SUMP OVERFLOW WEIR

DATE		FIELD DATA				LABORATORY DATA					REMARKS & SPECIAL TESTS			
		TIME	FLOW		Temp. °C	pH	pH	Acidity mg/L	Alkalinity mg/L	IRON				
			Method	Q (GPM)						Total		Fe ⁺⁺	SO ⁴	
8/14/73	1800		NO FLOW											
9/18/73	1810	W	4400	NR	NR	3.3	90	0	48	4.8	320			2810 mg/l Suspended Solids
9/21/73	1545		NO FLOW											
10/25/73			Δ											
11/26/73			Δ											
1/08/74			Δ											
2/04/74			Δ											
3/13/74	1050	W	500	3	6.80	4.9	28	8	132	27	175			
3/22/74	1045		No Flow											ΔNot Observed

SUMMARY OF WATER QUALITY TESTS

JOB NO.: - SL 181-3

MONITORING STATION NO.: - S-9C

LOCATION: - Farm Field. - OFF ASHLEY STREET

FIELD DATA				LABORATORY DATA							REMARKS & SPECIAL TESTS	
DATE	TIME	FLOW		pH	Acidity mg/L	Alkalinity mg/L	IRON			SO ⁴ mg/L		
		Method	Q (GPM)				Temp. °C	Total mg/L	Fe ⁺⁺ mg/L			
8/14/73	1500	EST	100	19	6.85	8	0	0.3	<.3		670	
9/21/73	1845	WP	40	17	6.60	6	0	0.1	<.1		740	
10/25/73	1830	VM	28	14	6.10	42	10	3.2	0		650	
11/27/73	1605	VM	6	10	6.75	60	22	1.4	1.1		575	
1/08/74	1035	CD	80	2	6.65	20	26	1.5	0		550	
2/04/74	1650	CD	170	4	6.15	14	4	1.0	0		700	
3/22/74	0920	CD	80	6	5.53	44	12	4	4		350	
4/29/74	1355	CD	40	23	5.10	10	4	0.4	0		475	
5/29/74	1500	CD	45	17	6.20	4	40	0.1	0		725	
6/26/74	1050	EST	40	15	6.30	38	42	1.1	0		600	
7/16/74	1113	WP	30	20	6.15	28	36	0.7	0		800	
8/20/74	1635	EST	10	28	6.40	10	34	0.6	0		650	

SUMMARY OF WATER QUALITY TESTS

JOB NO.: - SL 181-3

MONITORING STATION NO.: - S-9D

LOCATION: - SEEPAGE FROM COAL COMPANY HOLDING POND

DATE	TIME	FIELD DATA				LABORATORY DATA						REMARKS & SPECIAL TESTS
		Method	Q (GPM)	Temp. C	pH	Acidity mg/L	Alkalinity mg/L	IRON		SO ⁴ mg/L		
								Total	Fe ⁺⁺			
10/25/73	1300	VM	5	20	3.10	1700	0	216	85	2500		
11/26/73	1255	VM	1.	9	3.30	1600	0	263	0	3800		
1/08/74	1310	VM	25	7	3.20	530	0	27	0	1850		
2/04/74	1720	CD	35	4	3.30	880	0	28	5	1850		
3/22/74	1015	CD	20	9	3.13	860	0	33	13	2075		
4/29/74	1335	VE	25	24	2.98	1050	0	34	7.8	2450		
5/29/74			N-R									
6/26/74	1020	DM	1	18	2.92	1980	0	48	26	3125		
7/16/74	1045	EST	5	26	2.88	1900	0	83	34	3125		
8/20/74	1640		DRY									

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO:- S-10

JOB NO.:- SL 181-3

LOCATION:- Road Bridge - Concrete Weir. □

DATE	TIME	FIELD DATA			LABORATORY DATA						REMARKS & SPECIAL TESTS
		Method	FLOW		pH	Acidity mg/L	Alkalinity mg/L	IRON		SO ⁴ mg/L	
			Q (GPM)	Temp. °C				Total mg/L	Fe ⁺⁺ mg/L		
8/14/73	1430	EST	100	20	6.90	0	0	0.3	<.3	14	After 4/29/74, used concrete encased pipe as weir 899 mg/l Suspended Solids * Weir By-Passed
9/21/73	1650	EST	600	15	6.65	2	0	<.1	<.1	14	
10/25/73	1320	VM	35	17	6.25	6	4	1.2	0	40	
11/26/73	1310	W	390	8	4.95	300	2	5.6	0	175	
1/08/74	1100	EST*	1500	1	4.60	2	8	0.1	0	45	
2/04/74	1715	EST*	2000	0	6.15	4	4	0	0	14	
3/22/74	1000	W	29000	5	6.40	2	10	0.6	0	14	
4/29/74	1345	CD	830	20	5.67	2	10	0.1	0	150	
5/29/74	1415	W	350	15	6.20	4	12	0	0	175	
6/26/74	1030	W	425	15	5.98	12	10	48	0	225	
7/16/74	1100	W	425	19	5.79	12	12	0.2	0	16	
8/20/74	1620	W	410	25	6.35	8	18	0.5	0	150	
11/18/74	0905	W	3000		NS						

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO:- S-11A

JOB NO.:- SL 181-3

LOCATION:- Concrete Weir Above Coal Company Diversion Dam

FIELD DATA				LABORATORY DATA						REMARKS & SPECIAL TESTS
DATE	TIME	FLOW		pH	Acidity mg/L	Alkalinity mg/L	IRON		SO ⁴ mg/L	
		Method	Q (GPM)				Total mg/L	Fe ⁺⁺ mg/L		
8/14/73	1000	CM	1900	6.85	2	0	0.5	<.5	14	
9/21/73	1630	SD	2200	6.60	6	0	<.1	<.1	10	
10/25/73	1355	SD	1400	6.35	8	2	0.7	0	30	
11/26/73	1145	W	2200	6.85	6	2	0.1	0	30	
1/08/74	1130	W	3400	5.65	2	6	0	0	40	
2/04/74	1830	W	4400	6.30	2	2	0.1	0	11	
3/22/74	1120	W	10300	6.10	2	8	0.4	0	12	
4/29/74	1110	W	2000	7.45	-	-	-	-	-	* Sample Lost in Transit
5/29/74	1345	W	750	6.00	4	12	0	0	175	
6/26/74	1105	W	910	6.71	8	10	0.1	0	225	
7/16/74	0935	W	500	6.00	22	8	0	0	13	
8/20/74	1055	** EST	500	6.33	4	10	0.4	0	200	** Weir Undercut

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO:- S-12
 LOCATION:- Inlet 1-81 Culvert

JOB NO.:- SL 181-3

FIELD DATA				LABORATORY DATA							REMARKS & SPECIAL TESTS
DATE	TIME	FLOW		pH	Acidity mg/L	Alkalinity mg/L	IRON		SO ⁴ mg/L		
		Method	Q (GPM)				Total	Fe ⁺⁺			
8/14/73	1930	EST	200	6.55	8	0	0.4	4.4	38		
9/21/73	1615	WP	260	5.10	17	0	4.1	4.1	65		
10/25/73	1100	WP	100	6.20	10	2	3.6	2.2	30		
11/26/73	1145	EV	430	6.85	8	6	0.1	0	45		
1/08/74	1215	EV	1120	4.70	2	4	0	0	30		
2/04/74	1815	CD	1650	5.65	6	0	0.1	0	34		
3/22/74	1110	CD	4500	5.48	2	8	0.6	0	31		
4/29/74	1100	CD	450	6.70	2	10	0	0	50		
5/29/74	1200	EV	670	6.35	4	16	0.1	0	125		
6/26/74	1150	CD	160	6.42	8	26	0.1	0	150		
7/16/74	0920	CD	50	5.64	12	8	0	0	48		
8/20/74	1045	W	50	6.25	4	10	0.3	0	200		

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO: - MISCELLANEOUS
 LOCATION: - SOLOMON CREEK WATERSHED - MISCELLANEOUS SAMPLING

JOB NO.: - SL 181-3

STATION NO.	FIELD DATA				LABORATORY DATA					REMARKS & SPECIAL TESTS	
	DATE	FLOW		Temp. °C	pH	Acidity mg/L	Alkalinity mg/L	IRON			SO ⁴ mg/L
		Method	Q ()					Total mg/L	Fe ⁺⁺ mg/L		
S-9X	3/22/74		*		4.4	10	0	1.9	0	199	* Seepage into Basement excavation Artesian Well
S-12A	6/26/74	CD	80	14	6.1	6	18	0.5	0	50	
S-12B	8/20/74	EST	50	9	6.8	6	106	0.3	0	225	
S-13	3/21/74	EV	130		6.2	4	22	0	0	30	
S-14	3/21/74	CD	600		5.3	6	14	0.4	0	14	
S-15	3/21/74	EV	450		6.0	4	24	0.4	0	35	
GILLIGAN	4/29/74		Dry								
STREET	5/29/74		Stagnant								
"	7/16/74		No Flow								