

SUMMARY OF WATER QUALITY TESTS

WARRIOR WATERSHED



SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO.:- W-1

JOB NO.:- SL 181-3

LOCATION:- Box Culvert under Private Road off River Road

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 ⁺⁺	mg/L			
8/15/73	1430	FM	96	20	7.40	0	82	2.6	0.6	300			
9/25/73	1345	TW	230	14	7.50	0	78	1.7	0.7	340			
10/23/73	1220	WP	55	9	7.50	0	94	4.9	0	376			
11/27/73	1410	EC	130	8	6.55	30	100	3.8	0	215			
1/08/74	1400	EC	450	3	7.75	18	206	1.4	0	160			
2/05/74	1545	CD	580	1	6.85	18	186	1.5		150			
3/22/74	0805	EC	760	3	7.70	18	112	1.7	0	160			
4/29/74	1715	CD	380	21	7.45	24	188	1.6	0	100			
5/30/74	1440	W	400	19	7.70	4	208	2.3	0	275			
6/26/74	0820	W	25	15	7.60	20	172	2.8	0	225			
7/16/74	1530	W	70	20	6.85	58	254	1.3	0	200			
8/20/74	1700	-	NS*										

* Site Disturbed by Highway Construction

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO:- W-3

JOB NO.:- SL 181-3

LOCATION:- Concrete Weir Behind Trailer Court - WEST BRANCH

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			
8/15/73	1710	TW	35	20	7.40	6.8	0	36	0.5	<.5	170	
9/25/73	1500	WP	70	15	7.60	7.3	0	36	1.0	<.5	140	
10/23/73	1400	W	20	15	7.50	7.6	0	62	2.9	0	2.4	
11/27/73	1420	W	80	8	7.15	6.3	20	82	0.3	0	110	
1/08/74	1420	W	240	0	7.55	6.5	8	194	0.6	0	65	
2/05/74	1610	W	380	1	7.35	6.9	0	170	0.7	0	150	
3/22/74	0830	W	450	4	7.62	6.4	6	100	9.6	0	350	
4/29/74	1705	CD	140	23	7.88	7.0	0	214	0.3	0	175	
5/30/74	1425	E	150	22	7.95	7.6	0	218	0.8	0	125	
6/26/74	0950	W	85	14	7.83	6.6	24	106	0.8	0	225	
7/16/74	1540	W	5	21	7.87	7.0	16	360	0.6	0	200	
8/20/74	1710		No Flow									

BoD - 7 me/l; NH₃ - 0.32 me/l;
Coliform - TNTC

SUMMARY OF WATER QUALITY TESTS

JOB NO.: - SL 181-3

MONITORING STATION NO.: - W-5

LOCATION: - Inlet of Culvert Under Middle Road.

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		
8/20/73	1600		NO FLOW							
9/25/73	1630	VM	1	6.70	0	42	0.6	<.5	89	
10/23/73	1415		NO FLOW							
11/27/73	1515	EST	3	6.80	20	50	1.5	0	50	
1/08/74	1450	EV	60	8.45	14	90	0.3	0	40	
2/05/74	1645	EV	50	6.87	4	92	0.3	0	150	
3/22/74	0855	CD	40	7.00	6	92	0.6	0	40	
4/29/74	1640	DM	15	7.05	40	120	0.2	0	150	
5/30/74	1300	EST	5-10	6.55	0	134	300	0	250	
6/26/74	1035		NO FLOW							
7/16/74	1710		DRY							
8/21/74	1645		DRY							

SUMMARY OF WATER QUALITY TESTS

MONITORING STATION NO.: - MISCELLANEOUS

JOB NO.: - SL 181-3

LOCATION: - WARRIOR CREEK WATERSHED - MISCELLANEOUS SAMPLING

STATION NO.	FIELD DATA				LABORATORY DATA						REMARKS & SPECIAL TESTS	
	DATE	FLOW		pH	pH	Acidity mg/L	Alkalinity mg/L	IRON				
		Method	Q (GPM)					Temp C	Total mg/L	Fe ⁺⁺ mg/L		SO ⁴ mg/L
W-2A	11/22/74	EST	1	NR	2.95	-	420	0	145	-	-	Bliss Colliery Silt Pond Seepage from Reclaimed Strip Area
W-4C	4/29/74	EST	25	20	6.4	-	-	-	-	-	-	
W-4C	5/30/74	VE	25	13	7.2	7.0	0	180	1.7	0	300	
W-4C	7/16/74		No Flow									
W-4D	6/26/74	EST	60	17	6.78	4.7	6	6	0.3	0	200	
W-4D	7/16/74	EST	20	21	5.85	4.6	12	0	0.7	0	175	
W-5B	6/26/74	EST	75	14	7.6	6.5	54	270	2.1	0	325	
W-5B	7/16/74	EST	50	19	7.4	6.7	40	310	1.0	0	225	
W-5B	8/21/74	WP	50	26	6.65	6.3	14	220	4.8	0	300	