AV. SULFATES LBS/DAY	AV. FERROUS IRON LBS/DAY	AV. TOTAL IRON LBS/DAY	AV. ACID LOAD LBS/DAY	AV. ALK. LBS/DAY	AV. SULFATES Mg/L	AV. FERROUS IRON Mg/L	AV. TOTAL IRON Mg/L	AV. ACIDITY Mg/L	AV. ALK. Mg/L	pH RANGE	AV. FLOW MGD	SAMPLING STATION
12663		101	3386		438		2.5	158		2.9-3.8	4.383	1
493		7.4		112	47		.66		17.9	5.3-7.4	1.226	18A
937		.26	.8		96		.47	7.0		4.3-5.2	.021	19
57		.23	18		399		1.8	117		3.0-3.9	.019	19A
717		5		195	53		.44		23.7	4.9-6.6	1.816	20
12640		400	3676		1770		55	516		2.6-3.1	1.070	21
15190		542	3478		894		29	176		2.6-3.5	2.877	22
904		11	186		518		34	81		2.9-3.7	.221	23
12248		488	4083		2195		72	760		2.5-3.0	.849	24
729		54	115		873		18	136		2.8-3.5	.117	25
122		.38	13		388		1.6	43		2.8-6.3	.050	26
35		.73	2.7		121		.52	8.45		4.6-5.6	.045	27
1238		2.2	187		693		.31	123		3.8-4.4	.313	28
673		7	161		946		16	273		2.7-3.5	.039	101 102
775	44	112	455		6990	326	711	3100		2.3-2.7	.019	103
					1881		71	633		2.4-3.0		104
740		47	413		4668		166	2193		2.4-3.1	.014	107
843		128	412		4696		638	2163		2.1-2.8	.025	108
1216	75	204	694		7475	425	1140	3979		2.3-2.9	.020	109
44		.28	14		473		3.6	167		2.8-3.4	.012	110
11		.2	4		432		2.7	215		2.7-3.4	.003	111
100		3	29		1250		41	311		2.3-3.0	.011	112
33		.5	9		638		13	160		2.6-3.5	.007	113

SUMMARY OF DATA SHEET INFORMATION

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16A	17	18	18A	19	19A	20	21	22	23	24	25	25A	26	27	28	29
DATE: 2-4-71																																	
FLOW M.G.D.																																	
PH	3.4	5.8	6.0	6.4	6.4	6.5	6.4	6.4	6.4	6.1	5.9	6.6	6.4	6.3	6.1	6.3		6.6	6.6		4.8	3.2	5.3	2.7	3.0	3.2	2.6	3.0		4.4	4.7	4.0	5.5
M.G./L.																																	
ALK.		2.0		8.0	4.0	6.0		4.0	2.0		4.0	10.0		4.0	6.0	2.0		10.0	4.0														4.0
ACIDITY	120																				16.0	180.0		700	180.0	160.0	1000.0	90.0		36.0	20.0	136	
IRON	2.4	.55	.6	.45	2.5	.3	1.3	.45	.67	.45	.55	.35	1.10	.70	.90	1.80		.55	.35		.40	2.9	.60	55.0	20.0	3.75	80.0	10		.4	2	.2	2.3
SULPHATE	260	38.0	32.0	28.0	24.0	32.0	38.0	40.0	24.0	28.0	28.0	40.0	42.0	44.0	24.0	22.0		38.0	32.0		110.0	350.0	32.0	1800.0	650.0	500.0	2400.0	800.0		360.0	270.0	940.0	32.0
P.P.D.																																	
ALK.																																	
ACIDITY																																	
IRON																																	
SULPHATE																																	
DATE: 3-16-71																																	
FLOW M.G.D.																																	
P.H.	3.8																			5.7	4.9	3.2	5.3	3.0	3.5	3.7	2.9	3.5		4.3	4.9	4.0	5.6
MG./L.																																	
ALK.																																	
ACIDITY	24.0																				4.0	120.0	2.0	180.0	40.0	40.0	450	72		16.0	4.0	52	0
IRON	2.25																			.55	.3	1.95	.5	22.5	4.25	1.6	40	2.9		.35	.35	.45	.1
SULPHATE	44.0																			24.0	54.0	190	21	700	135	160	1000	200		135	100	190	21
P.P.D.																																	
ALK.																																	
ACIDITY																																	
IRON																																	
SULPHATE																																	
DATE: 4-28-71																																	
FLOW M.G.D.																																	
PH	3.5																7.1			6.5	4.9	3.2	6.0	2.9	3.2	3.5	2.9	3.2		4.3	5.0	4.3	6.0
MG./L.																																	
ALK.																	50																
ACIDITY	308																				8.0	120		500	100	80	700	110		50	10	96	
IRON	2.0																.5			.1	.1	1.0	.1	45	12	2.7	100	4		.1	.1	.1	.1
SULPHATE	210																32			36.0	116	400	40	1800	700	320	1850	450		1500	140	370	28
P.P.D.																																	
ALK.																																	
ACIDITY																																	
IRON																																	
SULPHATE																																	
DATE: 5-22-71																																	
FLOW M.G.D.																																	
P.H.	3.6																7.0			6.9	4.8	3.2	6.1	2.7	3.4	3.4	2.7	3.2		4.2	5.1	4.2	6.0
MG./L																																	
ALK.																	.22																4.0
ACIDITY	34																				8	120.0		450	48	56	650	78		50	16	56	
IRON	1.15																.77			.35	.4	1.34	.45	35	6.7	2.5	80	4.0		.45	.35	.45	.6
SULPHATE	80																24			20	90	270	48	1100	180	300	1550	400		190	44	190	16
P.P.D.																																	
ALK.																																	
ACIDITY																																	
IRON																																	
SULPHATE																																	

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16A	17	18	18A	19	19A	20	21	22	23	24	25	25A	26	27	28	29				
DATE: 6-2-71																																					
FLOW M.G.D.	8.707																			2.547	.055	.066	2.96	1.272	4.169	.505	.767	.068		.146	.043	.880					
PH	3.5																6.8			6.9	4.6	3.2	6.2	2.7	3.1	3.4	2.7	3.0		4.3	4.7	4.1	5.9				
M.G/L.																																					
ALK.																	40			6.0																	
ACIDITY	48																				10	120		600	100	70	650	150		44		88					
IRON	1.4																3.75			3.5	2.4	1.8	.6	55	6.75	2.4	19	2.4		1.8	.44	2.0	3.75				
SULPHATE	190																34			26	100	350	32	1750	550	350	3100	700		310	70	370	38				
P.P.D.																																					
ALK.																																					
ACIDITY	3485																			21	4	66		6365	3476	294	4157	85		54	.35	646					
IRON	101																			74	1	.99	15	583	234	10	121	1		2	.15	14					
SULPHATE	13797																			552	45	192	792	18564	19123	1474	19830	396		377	25	2715					
DATE: 6-9-71																																					
FLOW M.G.D.	4.613																			2.111	.048	.055	2.84	.973	3.820	.305	.668	.085		.091	.146	.705					
P.H.	3.4																7.0			6.3	4.9	3.2	6.2	2.7	3.0	3.4	2.7	3.0		4.4	5.3	4.1	6.1				
MG./L.																																					
ALK.																	40			8.0			8.0								16.0		12.0				
ACIDITY	64.0																				14.0	120.0		500.0	180.0	60	750	200.0		42.0		96.0					
IRON	3.5																1.6			1.0	.3	1.2	1.0	70.0	14.0	2.6	95.0	10.0		1.1	.2	1.7	.2				
SULPHATE	260.0																24.0			28	100.0	200.0	28.	1600.0	450.0	390.0	1900.0	500.0		320.0	48.0	400.0	20.0				
P.P.D.																																					
ALK.																							190														
ACIDITY	2468																			35	5	55		4057	5734	152	4178	141		31	19	564					
IRON	135																			1	.12	.55	23	568	446	6	529	7		.8	.02	10					
SULPHATE	10002																			492	40	91	664	12893	14336	992	10585	354		242	58	2352					
DATE: 6-16-71																																					
FLOW M.G.D.	7.995																			2.327	.055	.044	3.92	1.354	5.276	.406	.948	.128		.116	.120	.543					
PH	3.6																7.5			7.4	5.5	3.5	6.5	3.1	3.3	3.6	3.0	3.4	3.4	4.7	5.4	44					
MG./L.																																					
ALK.																	52			22.0	16.0		20.0								16.0						
ACIDITY	6.4																					96.0		500.0	120.0	78.0	600.0	140.0	120.0	14.0		168.0					
IRON	.8																.3			.1	.1	1.0	.1	55.0	11.5	1.7	77.5	11.0	6.0	.1	.1	.4					
SULPHATE	170.0																32.0			22.0	95.0	280.0	40.	1850.0	500.0	370.0	2000.0	540.0	460.0	300.0	105	460.0					
P.P.D.																																					
ALK.																				426	7		654														
ACIDITY	4267																					33		5646	5280	264	4743	149		13	16	760					
IRON	53																			1	.04	.36	3.	621	506	5	612	11		.09	.10	1					
SULPHATE	11335																			426	43	102	1308	20890	22000	1252	15812	576		290	105	2083					
DATE: 6-24-71																																					
FLOW M.G.D.	3.136																			.703	.004	.033	1.352	.618	1.970	.151	.466	.012		.025	.011	.034					
P.H.	3.6																6.9			6.8	5.0	3.5	6.3	3.1	3.2	3.7	3.0	3.2		4.9	5.6	4.3					
MG./L																																					
ALK.																	46.0			12.0			6.0														
ACIDITY	103.0																				6.0	134.0		650.0	230	70.0	900.0	230.0		20.0	0	100.0					
IRON	6.5																.4			.4	.1	1.3	.1	65.0	22.0	1.3	95.0	9.0		.4	.1	.9					
SULPHATE	300.0																28.0			28.0	105.0	340.0	28.0	2100.0	700.0	370.0	2300.0	1100.0		260.0	80.0	520.0					
P.P.D.																																					
ALK.																				70			68														
ACIDITY	2745																				.20	36		3350	3779	88	3497	23		4		28					
IRON	170																			2	.003	.35	1	335	361	1	369	.9		.08	.009	.25					
SULPHATE	7842																			164	4	93	315	10823	11501	465	8938	110		54	7	147					

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SAMPLING STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16A	17	18	18A	19	19A	20	21	22	23	24	25	25A	26	27	28	29
DATE: 7-1-71																																	
FLOW M.G.D.	7.257																			2.038	.019	.035	2.92	2.251	5.179	.856	1.395	.404		.058	.011	.207	
PH	3.2		6.6	7.3	6.7	7.0		6.8	6.6	6.3	5.9	6.9	6.5	6.4	6.7	6.7	7.1	6.5	6.7	6.3	4.6	3.2	5.8	2.7	2.8	3.2	2.7	3.1	3.1	4.4	5.1	4.0	
M.G/L.																																	
ALK.			4.0	24.0	6.0	10.0		4.0		4.0	2.0	10.0	10.0	4.0	6.0	12.0	42.0	10.0	6.0	2.0			10.0										
ACIDITY	110.0																					120.0		550.0	240.0	100.0	600.0	120.0	130.0	24.0	4.0	16.0	
IRON	2.6		.1	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.3	.1	.4	.1	.1	.4	.3	1.1	1.8	47.5	24.0	3.3	55	3.75	4.0	.1	.1	.3	
SULPHATE	350.0		40.0	16.0	28.0	20.0		28.0	32.0	24.0	36.0	28.0	24.0	22.0	40.0	38.0	28.0	24.0	32.0	80.0	95.0	350.0	70.0	1200.0	550.0	450.0	1350.0	475.0	400.0	320.0	90.0	440.0	
P.P.D.																																	
ALK.																				3			241										
ACIDITY	6654																				.1	35		10318	10366	713	6980	404		11	.3	17	
IRON	157																			6	.04	.3	2	891	1036	23	639	10		.04	.009	.5	
SULPHATE	21183																			1359	15	102	1708	22512	23744	3212	15706	1600		154	8	759	
DATE: 7-7-71																																	
FLOW M.G.D.	2.248																			.457	.004	.021	.675	.744	1.419	.042	.702	.032		.013	.004	.084	
P.H.	3.2																6.8			6.5	4.6	3.2	6.2	2.7	2.8	3.4	2.7	2.9	2.9	4.8	5.0	4.0	
MG./L.																																	
ALK.																	40			18.0			2.0							2.0			
ACIDITY	120.0																					120.0		600.0	340.0	72.0	700.0	200.0	220.0		4.0	8.0	
IRON	1.25																.8			.7	.5	1.7	.5	75.0	37.5	2.0	75.0	12.5	11.0	.4	1.3	.6	
SULPHATE	500.0																28.0			22.0	95.0	220.0	28.0	1500.0	950.0	440.0	2500.0	800.0	700.0	230.0	95.0	470.0	
P.P.D.																																	
ALK.																				68			11							.2			
ACIDITY	2249																				.03	21		3722	4023	25	4098	53			.1	5	
IRON	23																			2	.01	.29	2	465	443	.7	439	3		.04	.04	.4	
SULPHATE	9374																			83	3	38	157	9307	11242	154	14636	213		24	3	329	
DATE: 7-14-71																																	
FLOW M.G.D.	3.911																			.950	.004	.022	1.515	1.185	2.526	.242	.943	.201		.023	.011	.259	
PH	3.0																6.9			6.8	4.6	3.2	6.6	2.8	2.9	3.2	2.7	3.1	3.1	4.8	5.3	4.0	
MG./L.																																	
ALK.																	40.0			18.0													
ACIDITY	300.0																				4.0	130.0	8.0	550.0	240.0	110.0	650.0	180.0	200.0	20.0	.6	20.0	
IRON	8.5																.8			.6	.1	1.6	.3	16.5	17.0	2.75	62.5	8.0	6.0	.8	.4	.1	
SULPHATE	800																48			42	90	400	40	1000	700	450	1350	525	500	230	70	360	
P.P.D.																																	
ALK.																				142			101										
ACIDITY	9785																				.1	23		5435	5056	222	5112	301		3	.5	43	
IRON	277																			4	.003	.2	4	163	358	5	491	13		.1	.03	.2	
SULPHATE	26094																			332	3	73	505	9880	14744	908	10617	880		44	6	777	
DATE: 7-21-71																																	
FLOW M.G.D.	2.931																			.528	.005	.017	.770	1.051	1.821	.091	.960	.068		.021	.008	.161	
P.H.	3.3																6.9			6.0	4.7	3.3	6.5	2.9	3.0	3.3	2.9	3.1	3.0	4.8	5.0	4.1	
MG./L																																	
ALK.																	40.0			6.0			6.0										
ACIDITY	150.0																					150.0		600.0	240.0	90.0	750.0	200.0	180.0	20.0	20.0	120.0	
IRON	3.25																.5			.4	.1	5.5	.6	60.0	175.0	2.0	75.0	6.5	30.0	6.5	.8	.8	
SULPHATE	425																24			38	95	475	42	1400	950	475	1750	950	850	220	95	540	
P.P.D.																																	
ALK.																				26			38										
ACIDITY	3666																				.04	21		5259	3644	68	6004	114		3	.1	161	
IRON	79																			1	.004	.7	3	525	2657	1	600	3		1	.05	1	
SULPHATE	10388																			167	3	67	269	12271	14427	360	14011	546		38	6	725	

COMMONWEALTH OF PENNSYLVANIA

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DENTS RUN

SAMPLING STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16A	17	18	18A	19	19A	20	21	22	23	24	25	25A	26	27	28	29	30			
DATE: 7-28-71																																					
FLOW M.G.D.	2.193																			.333	.003	.013	.488	.718	1.206	.043	.674	.038		.013	.002	.240					
PH	3.4																7.0			6.7	4.8	3.3	6.2	2.9	2.9	3.4	2.8	3.1	3.1	5.3	5.2	4.1					
M.G./L.																																					
ALK.																	44			14			196								6						
ACIDITY	84																					136		500	240	80	500	110	100			122					
IRON	2																.4			.3	.1	2	.8	70	37.5	6	85	45	13	2.8	.1	.1					
SULPHATE	470																38			44	110	420	75	1750	1400	540	2250	1050	850	225	110	470					
P.P.D.																																					
ALK.																				38			797														
ACIDITY	1536																				.02	14		2994	2413	28	2810	34			.1	244					
IRON	36																			.8	.002	.2	3	419	377	2	477	14		.3	.001	.2					
SULPHATE	8596																			122	2	45	305	10479	14081	193	12647	332		24	1	940					
DATE: 8-4-71																																					
FLOW M.G.D.	2.716																			.549	.020	.025	.666	1.305	1.971	.164	1.140	.143		.032	.018	.207					
P.H.	3.3																6.8			6.7	4.6	3.3	6.3	2.8	2.8	3.2	2.7	2.9	2.9	4.8	4.6	4.0					
MG./L.																																					
ALK.																	40			18			4.0							4.0							
ACIDITY	144																					128		260	110	80	240	130	170			164					
IRON	2.0																.7			.5	19	1.5	.5	2.0	5.0	3	60	13	12	1.2	4.5	.1					
SULPHATE	450																34			38	95	310	42	1450	1200	600	1950	950	950	220	95	520					
P.P.D.																																					
ALK.																				82			22							1							
ACIDITY	3260																					26		2829	1808	109	2281	155				283					
IRON	45																			2	3	.3	2	22	82	4	570	15		.3	.6	.1					
SULPHATE	10193																			173	16	64	233	15781	19725	820	18539	1132		58	14	897					
DATE: 8-11-71																																					
FLOW M.G.D.	1.086																			.185	0	.008	.235	.509	.744	.023	.486	.011		.005	0	.077					
PH	3.3																7.1			7.0	4.8	3.3	6.2	2.8	2.9	3.4	2.7	2.9	2.9	5.3		4.0		3.0			
MG./L.																																					
ALK.																	36			8.0			4.0														
ACIDITY	160																				2	72		550	240	68	550	130	110			144		450			
IRON	3.5																.8			.6	1.3	1.8	1.4	90	45	725	107.5	27.5	25	.7		.8		50.25			
SULPHATE	600																14			24	70	440	60	2100	1450	470	350	1600	1450	235		1950		3100			
P.P.D.																																					
ALK.																				12			7														
ACIDITY	1449																					4		2334	1489	13	2229	11		.04		92					
IRON	31																			.9		.1	2	382	279	138	435	2		.02		.5					
SULPHATE	5434																			37		29	117	8914	8997	90	1418	146		9		1252					
DATE: 8-18-71																																					
FLOW M.G.D.	.909																			.166	0	.004	.251	.465	.716	.005	.460	.005		.004	0	.014					
P.H.	3.4																6.7			6.9		3.3	6.3	2.8	2.8	3.5	2.7	2.8	2.9	5.5		3.9					
MG./L																																					
ALK.																	18			20			6.0														
ACIDITY	180																					160		500	450	48	550	150	160			196					
IRON	.9																.4			2.2		1.7	.1	90	60	5.5	105	45	40	2.4		.1					
SULPHATE	780																28			28		480	42	3000	1950	560	3100	1950	1900	125		1450					
P.P.D.																																					
ALK.																				23			13														
ACIDITY	1364																					5		1940	2687	3	2107	6		.03	0	22					
IRON	7																			1		.05	1	349	358	.1	402	1		.08		.01					
SULPHATE	5912																			60		16	88	11640	11642	20	11873	81		4		169					

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16A	17	18	18A	19	19A	20	21	22	23	24	25	25A	26	27	28	29	30			
DATE: 8-25-71																																					
FLOW M.G.D.	1.081																			.169	0	.008	.227	.554	.781	.028	.526	.015		.007	0	.024					
PH	3.3																6.8			6.8	4.8	3.3	6.3	2.8	2.8	3.2	2.7	2.9	2.9	5.9	5.1	4.0		3.1			
M.G/L.																																					
ALK.																	48			20			8.0														
ACIDITY	200																					140		500	160	44	600	120	130	2.0	10	180		420			
IRON	1.5																.4			.3	.1	4.3	.3	60	52.5	3.4	95	70	24	.8	.3	.1		16			
SULPHATE	740																30			60	120	470	60	2600	1850	875	2900	1600	1600	290	125	950		3700			
P.P.D.																																					
ALK.																				28			15														
ACIDITY	1803																					9		2310	1042	10	2632	15		.1		36					
IRON	13																			.4		.2	.5	277	341	.7	416	8		.04		.02					
SULPHATE	6671																			84		31	113	12012	12050	204	12721	200		16		190					
DATE: 9-1-71																																					
FLOW M.G.D.	1.061																			.183	0	.007	.212	.525	.737	.027	.500	.012		.008	0	.023					
P.H.	3.1																6.5			6.7	4.7	3.2	6.0	2.7	2.7	3.2	2.7	6.1	2.9	2.8		3.9		3.0			
MG./L.																																					
ALK.																	50			20			6.0														
ACIDITY	170																				10	110		500	110	52	900		220	180		360		560			
IRON	1.5																3.0			1.2	.6	23	.1	75	42	4.4	65	4.4	26	17		1.2		13			
SULPHATE	775																38			38	120	475	70	1950	1600	775	2250	220	1850	1850		600		2200			
P.P.D.																																					
ALK.																				30			10														
ACIDITY	1504																					6		2190	676	11	3753		.06	13		69					
IRON	13																			1		.1	.1	328	258	.9	271	1		.2		.2					
SULPHATE	6857																			57		27	123	8538	9834	174	9382	32		130		115					
DATE: 9-8-71																																					
FLOW M.G.D.	1.058																			.198	0	.006	.251	.489	.740	.023	.466	.011		.007	0	.017					
PH	3.2	3.0															6.9			7.0	4.6	3.1	6.4	2.7	2.7	3.3	2.6	2.8	2.8	6.3		3.8		2.9			
MG./L.																																					
ALK.																	50			30			16							8.0							
ACIDITY	140	40																			4.0	120		600	180	80	450	110	180			122		360			
IRON	1.3	1.9															.4			.1	.5	1.7	.1	86	46	2.0	65	40	25	.4		.4		16			
SULPHATE	470	700															22			14	38	425	48	1950	1200	450	2200	1550	1350	195		2200		2500			
P.P.D.																																					
ALK.																				49			33							.4							
ACIDITY	1230																					6		2446	1110	15	1748	10				17					
IRON	11																			.1		.08	.2	326	246	.3	252	3		.02		.05					
SULPHATE	4147																			23		21	100	7952	7405	86	8550	142		11		311					
DATE: 9-13-71																																					
FLOW M.G.D.	7.187																			1.682	.021	.013	3530	1.138	4.671	.324	.814	.121		.080	.050	.546					
P.H.	2.9																								2.8												
MG./L																																					
ALK.																																					
ACIDITY	100																								48												
IRON	4.4																								12.5												
SULPHATE	525																								425'												
P.P.D.																																					
ALK.																				238			294														
ACIDITY	5993																				.7	11		2467	1869	202	4473	111		.6	3	546					
IRON	263																			14	.08	.1	5	189	486	9	536	30		.5	2	1					
SULPHATE	31468																			683	12	48	1355	13772	16556	1318	13373	1210		190	39	7968					

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IN

DENTS RUN

SAMPLING STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16A	17	18	18A	19	19A	20	21	22	23	24	25	25A	26	27	28	29	30			
DATE: 9-14-71	5.422																																				
FLOW M.G.D.	5.422																			1.017	.020	.013	2.2	1.199	3.456	.262	.937	.213		.064	.044	.319					
PH																																					
M.G/L.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
P.P.D.																																					
ALK.																				144			50														
ACIDITY	7461																				.6	8		5449	5361	163	5149	177		.5	2	340					
IRON	117																			8	.08	.1	11	579	403	7	617	35		1	2	.7					
SULPHATE	19896																			373	16	54	94	18989	18772	1066	15394	1687		122	34	3325					
DATE: 9-15-71																																					
FLOW M.G.D.	2.045																			.575	.004	.007	1.0	.495	1.573	.076	.419	.041		.020	.006	.097					
P.H.	2.9																7.2			7.0	4.4	3.0	6.	2.6	2.7	3.0	2.5	2.8	2.8	4.9	4.6	3.8		2.8			
MG./L.																																					
ALK.																				70			8														
ACIDITY	140																50				.4	36		450	110	36	650	90	130	6.0		130		500			
IRON	3.7																.5			.9	.5	1.9	.4	67.5	22.5	5.2	130	15.5	11	.9	.5	.3		32.5			
SULPHATE	525																22			60	120	525	4	1750	750	700	1850	700	750	310	95	540		2200			
P.P.D.																																					
ALK.																				335			71														
ACIDITY	2387																				.1	2		1857	1443	22	2272	30		1	.05	105					
IRON	63																			4	.01	.1	3	278	295	3	454	5		.1	.02	.2					
SULPHATE	8954																			287	4	30	39	7224	9839	443	6461	239		51	4	436					
DATE: 9-16-71																																					
FLOW M.G.D.	1.469																			.288	.003	.008	.53	.391	.929	.052	.339	.028		.016	.004	.041					
PH																																					
MG./L.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
P.P.D.																																					
ALK.																				40			121														
ACIDITY	2021																				1	7		1777	1441	32	1863	30		2	.2	47					
IRON	31																			2	.03	.1	2	189	108	1	223	40		.2	.2	.01					
SULPHATE	5390																			105	2	26	22	6159	6531	211	5569	232		34	3	273					
DATE: 9-17-71																																					
FLOW M.G.D.	5.848																			1.094	.018	.012	1.91	1.406	3.317	.282	1.124	.184		.055	.045	.237					
P.H.																																					
MG./L																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
P.P.D.																																					
ALK.																				155			430														
ACIDITY	8047																				.6	11		6390	5145	176	5422	201		10	2	274					
IRON	126																			9	.2	.1	9	680	387	8	740	268		.6	2	1					
SULPHATE	21459																			401	14	40	796	22150	23320	1147	18467	1529		119	35	1581					

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IN

DENTS RUN

SAMPLING STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16A	17	18	18A	19	19A	20	21	22	23	24	25	25A	26	27	28	29	30			
DATE: 9-20-71																																					
FLOW M.G.D.	9.535																			3.055	.025	.018	3.37	2.472	5.846	.641	1.831	.283		.079	.082	.253					
PH																																					
M.G/L.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
P.P.D.																																					
ALK.																				433			579														
ACIDITY	13121																				.8	16		11235	9068	400	10063	309		14	4	293					
IRON	206																			25	.2	.2	16	1195	682	18	1206	413		.9	4	1					
SULPHATE	35006																			1121	20	60	140	38944	41101	2608	30082	2353		171	64	1688					
DATE: 9-21-71																																					
FLOW M.G.D.	5.543																			1.704	.030	.014	2.4	1.588	4.036	.294	1.294	.213		.065	.046	.247					
P.H.																																					
MG./L.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
P.P.D.																																					
ALK.																				241			551														
ACIDITY	7627																				1	13		7217	6260	183	7111	232		11	2	286					
IRON	120																			14	.3	.2	12	768	471	8	852	310		.8	2	1					
SULPHATE	2034																			625	24	46	102	25017	28375	1196	21260	1771		141	36	1647					
DATE: 9-22-71																																					
FLOW M.G.D.	3.022																			.963	.019	.011	1.35	.659	2.018	.169	.490	.132		.047	.022	.247					
PH	3.2																6.7			5.7	4.7	3.1	5.8	2.7	2.7			3.0	2.9	4.4.	4.7	3.9					
MG./L.																																					
ALK.																	40																				
ACIDITY	100																			100	6	100		300	100			90	48	30	12	102					
IRON	4.0																.6			.5	.1	1.1	.1	87.5	37.5			6.5	8.5	.3	.1	.1					
SULPHATE	525																30			95	110	550	80	1750	950			600	425	350	125	480					
P.P.D.																																					
ALK.																																					
ACIDITY	2520																			802	.9	9		1648	1682	105	2693	99		11	2	210					
IRON	100																			4	.01	.1	1	480	631	4	322	7		.1	.01	.2					
SULPHATE	13231																			762	17	50	906	9618	15988	687	8050	660		137	22	988					
DATE: 9-23-71																																					
FLOW M.G.D.	2.650																			.685	.018	.011	.959	1.068	2.027	.151	.916	.075		.040	.021	.246					
P.H.																																					
MG./L																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
P.P.D.																																					
ALK.																				97			215														
ACIDITY	3646																				.6	10		4854	3144	94	5034	81		7	1	285					
IRON	57																			5	.2	.1	4	516	236	4	603	109		.5	1	1					
SULPHATE	9724																			251	14	36	399	16825	14251	614	15049	623		87	16	1641					

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WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16A	17	18	18A	19	19A	20	21	22	23	24	25	25A	26	27	28	29	30			
DATE: 9-24-71																																					
FLOW M.G.D.	2.424																			.595	.013	.009	.86	.848	1.712	.121	.727	.057		.034	.016	.253					
PH																																					
M.G./L.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
P.P.D.																																					
ALK.																				84			19														
ACIDITY	3335																				.4	8		3854	2655	75	3995	62		6	.9	.293					
IRON	52																			4	.1	.1	4	410	199	3	478	83		.4	.8	1					
SULPHATE	8895																			218	10	30	35	13359	12036	492	11944	473		74	12	1688					
DATE: 9-29-71																																					
FLOW M.G.D.	17.902																			6.781	.048	.023	9.5	2.542	12.133	.452	2.090	.457		.235	.242	2.181					
P.H.	3.6																6.8			6.6	5.2	3.9	6.2		3.4	3.0	2.9	3.4	3.3	4.4	5.3	4.1					
MG./L.																																					
ALK.																	46			60	0		0						96								
ACIDITY	40																				0	8	0		84	300	620	66	4.5	24		40					
IRON	2.3																.7			.1	.1	.9	.1		9.0	30	70	5.0	1.3	.3	.1	.5					
SULPHATE	195																24			38	95	370	60		310	1200	1750	340		350	120	390					
P.P.D.																																					
ALK.																				339																	
ACIDITY	5972																				.4	1.5		9109	8499	1130	10806	251		47	2	72					
IRON	343																			5	.04	.1	7	1008	910	113	1220	19		.5	.2	9					
SULPHATE	29114																			2149	38	70	479	28512	31368	4523	30503	1295		685	242	7093					
DATE: 10-6-71																																					
FLOW M.G.D.																																					
PH	3.2																6.8			6.5	4.7	3.1	5.	2.7	3.0	3.1	2.7	3.1	3.1	4.3	5.0	3.8		2.9			
MG./L.																																					
ALK.																	48			18	4.0										6.0					
ACIDITY	108																					110		180	64	36	3100	90	64	38		168		1850			
IRON	1.6																.1			.1	.1	.9	.1	32.5	11.0	3.0	52.5	5.0	3.25	.6	.1	.1		16.0			
SULPHATE	450																38			85	95	475	60	1900	950	600	3900	750	550	390	175	1350		3100			
P.P.D.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
DATE: 10-13-71																																					
FLOW M.G.D.																																					
P.H.	3.5																6.2			5.7	4.6	3.3	5.4	3.0	3.2		3.0			4.3	4.8	3.9					
MG./L																																					
ALK.																																					
ACIDITY	128																40			10	4	164		500	290		760			44	6	160					
IRON	1.3																.5			1.3	.3	2.7	.5	41.0	12.0		62.5			.1	.1	1.9					
SULPHATE	470																24			85	50	480	85	1750	975		2300			390	130	850					
P.P.D.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					

COMMONWEALTH OF PENNSYLVANIA

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WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16A	17	18	18A	19	19A	20	21	22	23	24	25	25A	26	27	28	29	30			
DATE: 10-20-71																																					
FLOW M.G.D.																																					
PH	3.3																6.7			6.2	4.6	3.0	[illegible]	2.1	2.6	2.9	2.5	2.8	2.8	4.3	4.9	3.8		2.7			
M.G./L.																																					
ALK.																	30																				
ACIDITY	184																			4	18	220	[illegible]	1500	360	110	900	180	110	52	8	204		880			
IRON	1.1																1.3			.1	.5	.8		55.0	22.0	3.3	100.0	16.0	12.0	.3	.1	.2		19.0			
SULPHATE	675																32			110	135	550	[illegible]	2600	1400	700	3100	950	800	280	250	1000		3400			
P.P.D.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
DATE: 10-27-71																																					
FLOW M.G.D.																																					
P.H.	3.3																5.5			5.3	4.3	3.3	4[illegible]	3.0	3.3	3.3	2.7	3.1	3.1	4.3	4.8	6.4		3.1			
MG./L.																																					
ALK.																	46			14									44			6.0					
ACIDITY	44																				.6	14	[illegible]	180	160	72	550	40		140	6.0			600			
IRON	1.4																.1			.1	.1	.8		27.5	13	2.0	6.0	6.5	4.75	.1	.1	.4		19			
SULPHATE	600																36			95	105	575	9[illegible]	1900	700	390	1950	475	240	500	235	24		3000			
P.P.D.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
DATE:																																					
FLOW M.G.D.																																					
PH																																					
MG./L.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
P.P.D.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
DATE:																																					
FLOW M.G.D.																																					
P.H.																																					
MG./L																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					
P.P.D.																																					
ALK.																																					
ACIDITY																																					
IRON																																					
SULPHATE																																					

COMMONWEALTH OF PENNSYLVANIA

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WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	100	101	102	103	104	105	106	107	108	109	110	111	112	113
DATE: 6-16-71														
FLOW M.G.D.														
PH											3.4	3.4	3.0	3.2
M.G/L.														
ALK.														
ACIDITY											120	120	340	200
IRON											2.1	1.3	24	7.5
SULPHATE											380	380	950	600
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
DATE: 7-1-71														
FLOW M.G.D.											.009		.018	.011
P.H.											3.1	3.1	2.7	2.8
MG./L.														
ALK.														
ACIDITY											180	180	450	280
IRON											1.9	1.6	27.5	13.0
SULPHATE											160	1100	525	540
P.P.D.														
ALK.														
ACIDITY											13		67	25
IRON											.1		4	1
SULPHATE											12		78	49
DATE: 7-7-71														
FLOW M.G.D.											.023	.008	.019	.009
PH											3.1	3.2	2.8	2.9
MG./L.														
ALK.														
ACIDITY											110	150	260	280
IRON											1.5	2.25	3.25	13
SULPHATE											360	350	1000	600
P.P.D.														
ALK.														
ACIDITY											21	10	41	21
IRON											.2	.1	5	.9
SULPHATE											69	23	158	45
DATE: 7-14-71														
FLOW M.G.D.											.019	.006	.014	.006
P.H.											3.2	3.2	2.7	2.8
MG./L														
ALK.														
ACIDITY											160	160	550	240
IRON											1.8	1.1	20	12
SULPHATE											450	300	700	700
P.P.D.														
ALK.														
ACIDITY											25	8	64	12
IRON											.2	.05	.2	.06
SULPHATE											71	15	81	35

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	100	101	102	103	104	105	106	107	108	109	110	111	112	113
DATE: 7-17-71														
FLOW M.G.D.														
PH	3.6	3.0	2.8	2.7	2.8	3.3	3.0	2.7	2.6	2.6				
M.G./L.														
ALK.														
ACIDITY	170	500	550	2150	700	140	340	1500	2000	3500				
IRON	1.75	20	55	350	70	3.0	5.0	80	500	800				
SULPHATE	195	700	950	3400	1400	625	675	2350	2900	4500				
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
DATE: 7-21-71														
FLOW M.G.D.											.017	.006	.012	.006
P.H.											3.2	3.3	2.9	3.0
MG./L.														
ALK.														
ACIDITY											180	170	340	280
IRON											2.75	2.0	35	13
SULPHATE											350	300	750	525
P.P.D.														
ALK.														
ACIDITY											25	8	34	14
IRON											.3	.1	3	.6
SULPHATE											49	15	75	26
DATE: 7-22-71														
FLOW M.G.D.														
PH		3.0	2.7					2.7	2.5	2.5				
MG./L.														
ALK.														
ACIDITY		450	500					2000	2500	4700				
IRON		50.25	65					250	625	1225				
SULPHATE		950	1200					3700	4700	7000				
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
DATE: 7-28-71														
FLOW M.G.D.		0.20		.018				.004	.018	.019	.017	.005	.012	.007
P.H.											3.3	3.3	2.8	3.5
MG./L														
ALK.														
ACIDITY											168	156	180	68
IRON											3	2.8	37.5	2
SULPHATE											320	310	1200	350
P.P.D.														
ALK.														
ACIDITY		42		450				71	352	664	23	6	18	3
IRON		3		88 35				5	110	198 69	.4	.1	3	.1
SULPHATE		129		990				133	660	1193	45	12	120	20

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	100	101	102	103	104	105	106	107	108	109	110	111	112	113
DATE: 8-4-71														
FLOW M.G.D.		.030		.019				.004	.017	.018	.015	.004	.012	.005
PH											3.2	3.2	2.8	2.9
M.G./L.														
ALK.														
ACIDITY											130	130	200	140
IRON											2.5	2	32.5	10
SULPHATE											550	475	1050	750
P.P.D.														
ALK.														
ACIDITY		65		514				71	333	629	16	4	20	5
IRON		4		16				5	104	188 66	.3	.06	3	.4
SULPHATE		200		1505				133	623	1130	68	15	105	31
DATE: 8-5-71														
FLOW M.G.D.														
P.H.	3.5			2.6	2.7	3.3	2.8							
MG./L.														
ALK.														
ACIDITY	128			3250	600	90	90							
IRON	1.2			1025	95	27.5	13							
SULPHATE	250			9500	1850	850	1200							
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
DATE: 8-11-71														
FLOW M.G.D.		.048		.017				.003	.016	.017	.013	.004	.009	.004
PH									2.5	2.5	3.1	3.1	2.7	2.9
MG./L.														
ALK.														
ACIDITY									2700	4000	140	110	220	120
IRON									900	1800	4.25	90	45	20
SULPHATE									5400	8400	525	425	1400	1050
P.P.D.														
ALK.														
ACIDITY		101		428				53	360	567	15	3	16	4
IRON		74		83 33				3	120	255 99	.4	3	3	.6
SULPHATE		310		935				567	720	1190	56	14	104	35
DATE: 8-15-71														
FLOW M.G.D.														
P.H.		2.9	3.1					2.6		2.4				
MG./L														
ALK.														
ACIDITY		130	120					2450		4000				
IRON		1.4	1.4					8.0		1300				
SULPHATE		850	600					3500		8800				
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	100	101	102	103	104	105	106	107	108	109	110	111	112	113
DATE: 8-18-71														
FLOW M.G.D.		.018		.014				.003	.016	.017	.012	.003	.013	.002
PH											3.1	3.1	2.7	2.8
M.G/L.														
ALK.														
ACIDITY											150	140	260	140
IRON											2.1	2.2	11	16
SULPHATE											425	600	1350	600
P.P.D.														
ALK.														
ACIDITY		38		352				53	313	594	15	3	28	2
IRON		2		69 27				3	98	177 62	.2	.05	1	.2
SULPHATE		116		770				100	587	1068	42	15	146	10
DATE: 8-25-71														
FLOW M.G.D.		.063		.020				.004	.015	.020	.012	.003	.007	.003
P.H.								2.6	2.4	2.5	3.1	3.1	2.7	2.8
MG./L.														
ALK.														
ACIDITY								1900	2800	4600	160	110	260	170
IRON								1.0	1200	1800	3.75	2.2	45	22
SULPHATE								5000	7800	10500	600	475	1600	475
P.P.D.														
ALK.														
ACIDITY		75						63	350	767	16	3	15	4
IRON		5						.03	150	300	.38	.06	3	.6
SULPHATE		457						167	975	1750	60	12	93	12
DATE: 8-28-71														
FLOW M.G.D.														
PH		2.9	3.2	2.5	2.5									
MG/L.														
ALK.														
ACIDITY		200	88	3900	550									
IRON		11.5	8.3	950	5.5									
SULPHATE		1200	540	14500	1700									
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
DATE: 9-1-71														
FLOW M.G.D.		.063		.020				.004	.015	.020	.011	.003	.007	.004
P.H.											3.1	3.1	2.6	2.8
MG./L														
ALK.														
ACIDITY											180	160	180	110
IRON											3.0	1.8	41	13.5
SULPHATE											525	550	1050	525
P.P.D.														
ALK.														
ACIDITY		133		650				71	293	699	16	4	10	4
IRON		9		158 29				5	92	209 73	.2	.04	2	.5
SULPHATE		407		2418				133	550	1256	48	13	61	23

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	100	101	102	103	104	105	106	107	108	109	110	111	112	113
DATE: 9-8-71														
FLOW M.G.D.		.041		.020				.004	.015	.020	.010	.002	.005	.003
PH													2.6	2.7
M.G/L.														
ALK.														
ACIDITY													130	110
IRON													65	15
SULPHATE													1450	750
P.P.D.														
ALK.														
ACIDITY		86		503				71	293	699	3	.6	5	2
IRON		6		98 39				5	92	209 73	.2	.03	2	.3
SULPHATE		265		1100				133	550	1256	50	11	60	18
DATE: 9-13-71														
FLOW M.G.D.		.059		.022				.005	.017	.021	.010	.002	.004	.002
P.H.				2.4					2.3	2.3	3.1	3.0	2.5	2.8
MG./L.														
ALK.														
ACIDITY				1200					1700	4550	140	160	100	210
IRON				500					800	1000	10.5	3	85	4.4
SULPHATE				3500					3700	5600	550	425	1200	550
P.P.D.														
ALK.														
ACIDITY		124		220				88	241	796	11	2	3	3
IRON		9		91 41				6	113	175 64	.8	.05	2	.07
SULPHATE		381		642				166	524	980	45	7	40	9
DATE: 9-14-71														
FLOW M.G.D.		.028		.019				.014	.019	.020	.010	.002	.006	.003
PH														
MG/L.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
P.P.D.														
ALK.														
ACIDITY		59		478				248	372	699	9	2	13	4
IRON		4		93 37				17	117	209 73	.6	.04	3	.1
SULPHATE		181		1045				467	697	1256	41	7	57	16
DATE: 9-15-71														
FLOW M.G.D.		.020		.018				.011	.018	.019	.010	.002	.006	.005
P.H.		2.9	3.2	2.3	2.5			2.5	2.2	2.3	2.9	2.9	2.5	2.6
MG./L														
ALK.														
ACIDITY		230	124	3450	650			2600	2900	4100	90	90	340	120
IRON		13	4	760	105			270	875	1050	3.8	2.2	55	10.5
SULPHATE		625	440	5200	1850			3900	5000	6800	475	475	1100	750
P.P.D.														
ALK.														
ACIDITY		29		517				212	435	649	7	1	17	5
IRON		1		114 43				24	131	166 79	.3	.03	2	.4
SULPHATE		88		780				319	750	1077	39	7	55	31

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	100	101	102	103	104	105	106	107	108	109	110	111	112	113
DATE: 9-16-71														
FLOW M.G.D.		.019		.017				.010	.017	.019	.010	.002	.006	.005
PH														
M.G./L.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
P.P.D.														
ALK.														
ACIDITY		40		428				177	333	664	11	2	13	6
IRON		2		83/33				12	104	198/69	.2	.03	2	.5
SULPHATE		122		940				333	623	1190	36	7	54	27
DATE: 9-17-71														
FLOW M.G.D.		.033		.019				.012	.027	.020	.010	.002	.007	.005
P.H.														
MG./L.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
P.P.D.														
ALK.														
ACIDITY		69		378				213	529	699	11	2	15	6
IRON		5		93/37				15	166	209/73	.2	.03	2	.5
SULPHATE		213		1050				400	990	1246	37	7.5	63	24
DATE: 9-20-71														
FLOW M.G.D.		.052		.025				.015	.039	.023	.010	.001	.015	.014
PH														
MG./L.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
P.P.D.														
ALK.														
ACIDITY		110		629				266	764	804	11	1	32	19
IRON		8		123/49				19	240	240/84	.2	.01	5	1
SULPHATE		336		1376				500	1431	1452	38	4	136	72
DATE: 9-21-71														
FLOW M.G.D.		.041		.019				.020	.040	.023	.009	.002	.016	.013
P.H.														
MG./L														
ALK.														
ACIDITY														
IRON														
SULPHATE														
P.P.D.														
ALK.														
ACIDITY		86		378				355	783	804	10	2	35	17
IRON		3		93/37				25	246	240/84	.2	.03	5	1
SULPHATE		265		1045				667	1467	1444	34	8	145	67

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	100	101	102	103	104	105	106	107	108	109	110	111	112	113
DATE: 9-22-71														
FLOW M.G.D.		.034		.019				.026	.039	.021	.009	.001	.013	.008
PH		3.3	3.3	2.4				2.5	2.3	2.3	3.0	2.9	2.6	2.8
M.G./L.														
ALK.														
ACIDITY		130	128	3700				2000	1600	3900	150	160	130	48
IRON		8.5	7.5	700				140	425	950	3.5	2.7	38	15
SULPHATE		950	440	4700				3200	3200	6200	750	700	950	475
P.P.D.														
ALK.														
ACIDITY		36		586				433	520	683	11	1	14	3
IRON		2		110 44				30	138	166 65	.2	.02	4	1
SULPHATE		197		744				693	1040	1085	56	5	102	31
DATE: 9-23-71														
FLOW M.G.D.		.022		.017				.025	.030	.020	.009	.002	.011	.006
P.H.														
MG./L.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
P.P.D.														
ALK.														
ACIDITY		46		428				444	587	699	10	2	24	8
IRON		3		83 33				31	184	209 73	.2	.03	3	.6
SULPHATE		142		935				834	1100	1256	35	8.5	99	31
DATE: 9-24-71														
FLOW M.G.D.		.021		.020				.024	.018	.019	.010	.002	.009	.005
PH														
MG./L.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
P.P.D.														
ALK.														
ACIDITY		44		503				426	352	664	11	2	19	6
IRON		3		98 39				30	110	198 69	.2	.03	3	.5
SULPHATE		135		1100				800	660	1193	35	8	81	25
DATE: 9-29-71														
FLOW M.G.D.		.082		.020				.055	.068	.028	.009	.002	.031	.017
P.H.		3.1	3.1	2.6				2.7	2.7	2.7	3.3	3.2	2.9	2.9
MG./L														
ALK.														
ACIDITY		700	520	3000				2000	1000	3000	176	190	260	90
IRON		35.0	15.4	800				190	200	700	3.3	2.2	27.5	7.0
SULPHATE		2250	3000	5600				3800	1850	5200	300	675	1100	525
P.P.D.														
ALK.														
ACIDITY		417		500				917	567	700	13	3	67	12
IRON		17		133 60				87	113	163 105	.2	.03	7	.9
SULPHATE		1795		934				1743	1049	1214	22	11	284	74

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	100	101	102	103	104	105	106	107	108	109	110	111	112	113
DATE: 10-6-71														
FLOW M.G.D.														
PH		2.9	3.3	2.4	2.6			2.4	2.3	2.5	2.9	2.9	2.6	2.7
M.G/L.														
ALK.														
ACIDITY		260	48	3100	450			3750	1300	3000	200	960	500	140
IRON		7.0	2.75	650	60			425	300	900	4.5	3.0	72.5	14
SULPHATE		950	500	5600	1950			12 000	2900	6200	375	2300	2400	750
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
DATE: 10-13-71														
FLOW M.G.D.														
P.H.											3.0	3.0		
MG./L.														
ALK.														
ACIDITY											200	180		
IRON											3.3	3.0		
SULPHATE											525	230		
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
DATE: 10-14-71														
FLOW M.G.D.														
PH		3.0	3.3	2.6	2.7			2.7	2.6	2.6				
MG./L.														
ALK.														
ACIDITY		280	128	3500	550			3000	2250	4400				
IRON		2.0	1.8	775	110			310	650	1350				
SULPHATE		1050	470	5400	1750			10000	3300	10 000				
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
DATE: 10-20-71														
FLOW M.G.D.														
P.H.					2.4			2.4	2.1		2.8	2.7	2.3	2.6
MG./L														
ALK.														
ACIDITY					900			1600	2700		300	550	600	180
IRON					120			95	675		4.3	3.6	47.5	17
SULPHATE					2600			400	3600		750	675	2800	900
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED ANALYSIS
IN

DENTS RUN

SAMPLING STATION	100	101	102	103	104	105	106	107	108	109	110	111	112	113
DATE: 10-27-71														
FLOW M.G.D.														
PH		3.5	3.3	2.9	3.0			3.1	2.8	2.9	3.2	3.2	2.7	2.8
M.G./L.														
ALK.														
ACIDITY		120	250	3750	660			1320	2500	4000	240	200	600	120
IRON		2.5	9.5	600	4.5			55	500	800	6.0	2.75	75	20
SULPHATE		470	780	9500	1950			3500	12 000	10 500	625	525	1850	700
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
DATE:														
FLOW M.G.D.														
P.H.														
MG./L.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
DATE:														
FLOW M.G.D.														
PH														
MG./L.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														
DATE:														
FLOW M.G.D.														
P.H.														
MG./L														
ALK.														
ACIDITY														
IRON														
SULPHATE														
P.P.D.														
ALK.														
ACIDITY														
IRON														
SULPHATE														