

WATER QUALITY DATA SUMMARY																File Created:	08/18/97			
Ouemahoning Creek Watershed																Last Revised:	09/08/97			
Somerset, Lincoln, & Jenner Twps., Somerset Co.																				
SAMPLE	DATE	SOURCE	FLOW	pH	pH	Specific Conduct.	Temp. (field)	Total Acidity (calculated)	Net Acidity (lab)	Total Alkalinity	Total Fe	Total Ferrous Fe	Total Al	Total Mn	Total Sulfates	Susp. Solids	Acid Loading	Fe Loading	Mn Loading	Al Loading
			(gpm)	(field)	(lab)	(umhos/cm)	(deg. C)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)
Station 0101 Upstream																				
7/22/1997	7485-308		163.4	7.2	6.9	460	19.5	1.2	0	64.0	0.013	0.11	<.20	<.01	68	20	0.00	0.03	<.02	<.2
10/7/2002	7485-676		95.6	6.7	8.4		na	1.8	0		0.402	0.01	<.2	0.084		6	0.00	0.46		
7/24/2007	7485-774		159.3	7.88	7.8		15.7		-134.4	72.4	0.31	0.06	<.02	0.08	<20	4	-257.35	0.59		
Station 0102 Enoch Bridge																				
7/22/1997	7485-309		333.9	7.3	6.8	360	20.0	5.0	0	58.0	1.05	0.2	0.49	0.224	16	30	0.00	4.21	0.90	1.97
10/7/2002	7485-675		256.3	6.2	7.7		na	#VALUE!	0		0.558	0.01	<.2	0.034		8	0.00	1.72	0.10	#VALUE!
7/24/2007	7485-775		44.9	7.87	7.8		19.4		-36.6	65.2	0.73	0.14	0.42	0.113	<20	16	-19.75	0.39	0.06	0.23
Station 0103 Bridge at Quecreek																				
7/22/1997	7485-310		623.4	6.6	6.5	480	16.0	13.1	0	56.0	3.04	1.02	1.17	0.632	137	22	0.00	22.78	4.74	8.77
10/7/2002	7485-674		945.2	6.1	7.6		na	3.9	0		0.519	0.01	0.466	0.191		6	0.00	5.90	2.17	5.29
7/24/2007	7485-776		160.2	6.88	6.9		18.5		3.6	31.4	1.24	0.14	1.82	0.536	175	16	6.93	2.39	1.03	3.50
Station 0201 Bridge at Acosta																				
7/22/1997	7485-311		1382.8	6.9	6.7	440	19.0	5.9	0	56.0	0.995	0.12	0.51	0.69	98	20	0.00	16.54	11.39	8.48
10/8/2002	7485-677		1251.5	6.7	7.4		na	6.4	0		1.66		0.439	0.55		16	0.00	24.97	8.33	6.60
7/24/2007	7485-778		256.9	7.31	7.6		18.1		-106.4	83.0	0.997	0.14	0.205	0.81	218	14	-328.56	3.08	2.51	0.63
Station 0202 Downstream of Hoffman Run																				
7/22/1997	7485-312		1550.2	6.7	6.5	520	18.5	17.2	0	32.0	5.17	2.28	0.48	2.91	179	18	0.00	96.33	54.22	8.94
10/8/2002	7485-678		1263.4	6.5	7.1		na	#VALUE!	0		1.72		<.2	1.24		<2	0.00	26.12	18.83	#VALUE!
7/24/2007	7485-779		399.8	7.25	7.4		17.8		-22	57.4	3.91	0.41	<.2	1.78	230	14	-105.72	18.79	8.55	#VALUE!
Station NBT765 North Branch midstream near Roytown																				
7/24/2007	7485-781		312	8.2	8.0	402			-60.4	84.2	0.103	0.04	<.2	0.09	101.4	6	-226.51	0.39	0.34	
Station 0301 Bridge Downstream of North Branch																				
7/22/1997	7485-313		2167.7	6.4	6.3	390	20.0	10.6	2.6	22.0	3.52	1.92	0.32	1.4	137	32	67.74	91.72	36.48	8.34
10/8/2002	7485-679		1815.6	6.6	7		na	#VALUE!	0		2.19		<.2	0.833			0.00	47.79	18.18	#VALUE!
7/24/2007	7485-780		1004.9	7.49	7.6		17.6		-13	48.8	1.56	0.2	<.02	0.634	146	6	-157.03	18.84	7.66	#VALUE!
Bridge at U.S. RT. 30																				
8/26/1997	7485-341		4171.1	6.2	6.2	230	na	16.5	2.0	22.0	5.33	1.02	0.904	1.08	80	12	100.27	267.23	54.15	45.32
7/24/2007	7485-782		1592.3	7.59	7.3		15.4		-13.4	47.0	2.01	0.64	<.02	0.921	164	<2	-256.47	38.47	17.63	#VALUE!
Station 0302 RT. 601 Bridge at Boswell																				
7/22/1997	7485-314		7075.8	6.5	6.4	410	19.0	10.8	0	46.0	4.19	2.04	<.2	1.18	175	16	0.00	356.36	100.36	<17.01
10/8/2002	7485-680		3546.4	6.8	7		na	6.9	0		2.28		<.2	0.956		16	0.00	97.19	40.75	
7/24/2007	7485-783		3804	7.24			17.5		-24.2	63.8	2.78	0.36	<.02	0.816	126	20	-1106.52	127.11	37.31	
Station 0303 upstream of reservoir																				
7/23/1997	7485-315		9309.9	7.0	6.7	550	19.5	3.2	0	38.0	0.61	0.04	<.2	0.524	244	<2	0.00	68.26	58.64	<22.38
10/8/2002	7485-681		8143.9	7.1	8.5		na	1.7	0		0.19		<.2	0.141		16		18.50	13.80	
7/27/2007	7485-785		3370	8.6	8.2		20.2		-13	44.0	0.53	0.06	<.02	0.205	232	<2		21.47	8.30	
Station 0401 below reservoir at mouth																				
7/23/1997	7485-316		485.2	7.0	6.5	230	19.0	2.2	0	26.0	0.328	0.05	<.2	0.252	57	16	0.00	1.91	1.47	<1.17