

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-2	2013 Comprehensive Sampling	9/3/2013	59.7	5.12		0.2	6.9		280	72.1	7.9
MW-2	2014 Comprehensive Sampling	10/14/2014	15.5	4.82	41.7	0.196	6.21	0	277	75.2	9.3
MW-3	2013 Comprehensive Sampling	9/11/2013	13.76	4.93	37	0.215	6.44	0	309	66.23	13.1
MW-3	2014 Comprehensive Sampling	10/14/2014	14.16	4.86	14	0.167	5.6	0.08	209	68.35	9.0
MW-7	2013 Comprehensive Sampling	9/19/2013	18.2	7.02	34.9	1	0		84	26.55	8.3
MW-7	2014 Shutdown Test Event 11	3/19/2014	13.2	7.23	0	1.08	0	0	96	14.26	8.3
MW-7	2014 Restart Test Event 4	5/7/2014	15.97	5.75	72.1	1.24	0.1	0	109	12.83	5.7
MW-7	2014 Restart Test Event 6	6/3/2014	15.85	7.24	33.5	1.28	0	0.1	-168	15.35	6.0
MW-7	2014 Restart Test Event 8	7/2/2014	16.48	7.12	24.3	1.21	0	0.1	-91	16.15	11.5
MW-7	2014 Restart Test Event 10	8/5/2014	18.25	6.62	38.1	1.36	0	0.06	3	17.24	13.7
MW-7	2014 Dry Season Sampling Event 2	9/9/2014	18.4	6.89	44.2	1.2	0	0.1	-32	17.64	11.6
MW-7	2014 Dry Season Sampling Event 4	10/7/2014	18.7	6.87	2	1.52	0	0.1	59	17.84	8.9
MW-7	2014 Comprehensive Sampling	10/29/2014	15.84	6.83	4.1	1.39	0	0.06	290	18.01	7.8
MW-7	2014 Dry Season Sampling Event 9	1/15/2015	15.5	7.33	6.6	0.551	6.56	0	76	17.55	22.8
MW-7	2015 Restart Sampling Event 1	2/26/2015	0.9	7.15	0	2.34	0	0.1	98	24.9	17.0
MW-7	2015 Restart Sampling Event 2	3/25/2015	13.21	6.96	11.2	0.98	0	0.04	129	25.87	7.2
MW-7	2015 Restart Sampling Event 3	4/22/2015	13.58	7.05	2.3	0.922	4.28	0.04	110	26.58	17.0
MW-9	NPBA and Building 3 Pre-TS Shutdown Sampling	6/10/2013	14.32	6.51	359	0.485	1.53	0.02		89.45	78.0
MW-9	2013 Comprehensive Sampling	9/11/2013	15.5	6.64	10.2	0.584	0	0	-110	77.1	94.3
MW-9	2014 Comprehensive Sampling	10/15/2014	14.41	6.05	78	0.49	6.11	0.23	8	77.3	106.6
MW-11	NPBA and Building 3 Pre-TS Shutdown Sampling	6/10/2013	16.37	4.61		1.56	7.58	0.07		66.02	70.0
MW-11	2013 Comprehensive Sampling	9/10/2013	18.8	4.73	507	0.99	6.93		287	37.33	21.0
MW-11	2014 Comprehensive Sampling	10/15/2014	15.4	4.91	-5	0.949	4.2	0	337	70.4	44.0
MW-12	NPBA and Building 3 Pre-TS Shutdown Sampling	5/31/2013	14.21	5.35	370	0.085	2.24	0		96.81	108.0
MW-12	2013 Comprehensive Sampling	9/12/2013	20.44	6.11	46	0.181	0	0	41	37.31	2.6
MW-12	2014 Comprehensive Sampling	10/16/2014	13.71	6.24	103	0.187	1.66	0.09	-36	94.7	109.4
MW-16D	NPBA and Building 3 Pre-TS Shutdown Sampling	6/11/2013	14.8	6.99	2.1	0.303	0	0.01		17.15	30.0
MW-16D	2013 Comprehensive Sampling	9/10/2013	15.92	7.27	0	0.337	0.63	0	-100	0	5.0
MW-16D	2014 Comprehensive Sampling	10/16/2014	15	7.06	0	0.289	0	0	-105	0	5.4
MW-16S	NPBA and Building 3 Pre-TS Shutdown Sampling	6/10/2013	17.48	5.26		1.2	3.41	0.05		103.05	23.0
MW-16S	2013 Comprehensive Sampling	9/9/2013	14.3	5.55	-5	1.19	0	0	153	73.94	46.2
MW-16S	2014 Comprehensive Sampling	10/22/2014	15	6.38	-5	0.538	0	0.02	-58	46.02	40.0
MW-18D	2013 Comprehensive Sampling	9/10/2003	15.82	7.05	0	0.35	0	0	-111	0	5.0
MW-18D	2013 MW-18S/D Confirmation Sampling	2/7/2013	13.72	6.36	37.9	0.223	0	0		38.7	25.5
MW-18D	NPBA and Building 3 Pre-TS Shutdown Sampling	6/11/2013	15.79	6.49	2.8	0.295	0	0.01		32.47	17.8
MW-18D	2013 Comprehensive Sampling	9/10/2013	15.99	7.05	0	0.351	0	0	-111	0	5.0
MW-18D	2014 Comprehensive Sampling	10/23/2014	11.3	6.83	46.8	0.346	0	0.01	-87	16.69	17.7
MW-18S	2013 MW-18S/D Confirmation Sampling	2/7/2013	15.27	7.14	148	0.356	3.6	0		47.9	8.8
MW-18S	NPBA and Building 3 Pre-TS Shutdown Sampling	6/11/2013	17.03	6.8	33.1	0.35	4.29	0.01		51.3	9.9
MW-18S	2013 Comprehensive Sampling	9/9/2013	15.4	7.49	63.7	0.385	0.72	0	-103	53.5	13.0
MW-18S	2014 Comprehensive Sampling	10/23/2014	14.3	7.23	82.1	0.384	0	0.02	-71	48.1	16.4

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MW-20D	NPBA and Building 3 Pre-TS Shutdown Sampling	6/6/2013	16.61	5.55	1000	0.108	2.27	0		159.31	33.0
MW-20D	NPBA and Building 3 Pre-TS Shutdown Sampling	6/17/2013	17.6	5.71	325	0.109	0.2	0		158.27	30.0
MW-20D	2013 Comprehensive Sampling	9/11/2013	21.9	5.63	258	0.17	0.81		125	54.67	7.0
MW-20D	2014 Comprehensive Sampling	10/22/2014	19.72	6.06	259	0.14	4.08	0.01	110	154.55	25.8
MW-20M	NPBA and Building 3 Pre-TS Shutdown Sampling	6/6/2013	15.57	4.86	1000	0.238	3.39	0.01		80.6	24.5
MW-20M	2013 Comprehensive Sampling	9/13/2013	19.6	5.85	-5	0.51	4.62		149	69.03	7.0
MW-20M	2014 Comprehensive Sampling	10/28/2014	11.12	6.31	182	0.291	8.3	0.01	439	72.14	4.6
MW-20S	NPBA and Building 3 Pre-TS Shutdown Sampling	6/6/2013	16.88	4.44	28.3	0.297	4.19	0.01		55.24	17.0
MW-20S	2013 Comprehensive Sampling	9/11/2013	2.3	4.56	67.5	0.42	4.33		288	43.59	4.5
MW-20S	2014 Comprehensive Sampling	10/17/2014	16.3	5.01	0	0.302	3.2	0	294	54.71	14.3
MW-29	2014 Comprehensive Sampling	10/27/2014	17.2	7.48	93.8	0.47	6.28	0	115	54.13	73.7
MW-37D	2014 Shutdown Test Event 2	1/23/2014	13.68	7.35	27.9	1.34	1.5	0.1	80	14.8	26.8
MW-37D	2014 Shutdown Test Event 7	2/18/2014	14.2	7.1	43.9	0.96	1.69	0	165	14.96	14.9
MW-37D	2014 Shutdown Test Event 11	3/20/2014	13.3	7.24	45	1.35	1.47		247	14.26	14.8
MW-37D	2014 Restart Test Event 4	5/8/2014	15.2	5.96	101	1.24	0.01	0.1	85	15.52	14.5
MW-37D	2014 Restart Test Event 6	6/2/2014	13.3	7.48	6.3	1.08	0	0	121	16.7	9.9
MW-37D	2014 Restart Test Event 8	7/2/2014	15.4	6.8	43	0.96	0.23	0.04	93	19.47	46.3
MW-37D	2014 Restart Test Event 10	8/6/2014	15.08	7.3	247	0.94	0.42	0.04	58	22.57	50.9
MW-37D	2014 Dry Season Sampling Event 2	9/9/2014	15.31	7.29	36.2	1.07	0.42	0.05	166	17.48	16.4
MW-37D	2014 Dry Season Sampling Event 4	10/6/2014	14.46	7.31	18.2	1.06	0	0	204	17.36	15.6
MW-37D	2014 Comprehensive Sampling	10/28/2014	12.31	7.13	12.6	0.98	0	0.04	247	17.73	25.7
MW-37D	2014 Dry Season Sampling Event 9	1/14/2015	14.1	7.31	30.3	0.982	1.93	0	48	17.4	26.4
MW-37D	2015 Restart Sampling Event 1	2/23/2015	0.78	7.02	298	1.31	0.93	0.1	10	25.74	53.9
MW-37D	2015 Restart Sampling Event 2	3/25/2015	14	7.33	25.1	1.22	1.2	0.1	90	22.39	13.8
MW-37D	2015 Restart Sampling Event 3	4/20/2015	15.12	8	13.4	1.51	0	0.07	84	23.83	17.0
MW-37S	2014 Shutdown Test Event 2	1/23/2014	13.41	7.16	0.2	1.39	2.39	0.1	99	15.16	26.9
MW-37S	2014 Shutdown Test Event 7	2/19/2014	13.2	6.71	2.4	1.24	1.83	0.1	230	15.38	19.9
MW-37S	2014 Shutdown Test Event 11	3/21/2014	14.11	6.87	0	1.19	2.1	0.1	180	14.84	10.5
MW-37S	2014 Restart Test Event 4	5/8/2014	14.12	5.99	41.3	0.888	5.89	0	110	15	12.7
MW-37S	2014 Restart Test Event 6	6/2/2014	12.16	7.25	4.8	0.99	2.85	0	167	17.28	10.7
MW-37S	2014 Restart Test Event 8	7/2/2014	15.53	6.56	30.8	0.964	1.52	0.04	118	19.8	18.7
MW-37S	2014 Restart Test Event 10	8/5/2014	18.27	6.81	25	0.98	0.63	0.04	182	20.87	10.7
MW-37S	2014 Dry Season Sampling Event 2	9/9/2014	16.73	7.2	6.1	1.13	1.74	0.05	168	17.99	13.1
MW-37S	2014 Dry Season Sampling Event 4	10/6/2014	15.61	7.21	14.8	1.07	0	0	142	17.75	13.1
MW-37S	2014 Comprehensive Sampling	10/29/2014	13.58	7.02	5.2	1.02	0.62	0.04	327	18.3	7.8
MW-37S	2014 Dry Season Sampling Event 9	1/13/2015	13.5	7.14	4.9	1.18	4.3	0.1	97	17.38	13.1
MW-37S	2015 Restart Sampling Event 1	2/23/2015	5.13	7.27	-5	1.3	1.49	0.1	90	29.35	2.5
MW-37S	2015 Restart Sampling Event 2	3/25/2015	12.9	7.41	2.5	0.905	6.13	0	134	23.45	15.8
MW-37S	2015 Restart Sampling Event 3	4/21/2015	14.11	7.18	10.6	1.42	5.45	0.06	115	25.6	9.0
MW-39D	2014 Shutdown Test Event 2	1/21/2014	12.7	6.89	16.4	0.798	0	0.03	192	15.69	21.0
MW-39D	2014 Shutdown Test Event 7	2/26/2014	11.89	7.74	2.5	0.85	0.25	0.4	34	14.54	18.6
MW-39D	2014 Shutdown Test Event 11	3/20/2014	12.25	7.13	3.7	1.1	0		149	15.48	13.9

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MW-39D	2014 Restart Test Event 4	5/7/2014	14.33	5.87	195	0.99	0	0	105	14.05	7.1
MW-39D	2014 Restart Test Event 6	6/3/2014	12.3	7.06	16.7	0.97	0	0.1	81	16.48	11.5
MW-39D	2014 Restart Test Event 8	7/1/2014	12.38	7	16.5	1.06	0	0	158	17.13	15.4
MW-39D	2014 Restart Test Event 10	8/6/2014	15.21	7.09	48.1	0.999	0	0	192	18.31	56.8
MW-39D	2014 Dry Season Sampling Event 2	9/9/2014	14.6	6.78	11.1	0.899	0	0	126	18.68	26.0
MW-39D	2014 Dry Season Sampling Event 4	10/7/2014	13.74	7.19	209	1	0	0	211	18.9	59.4
MW-39D	2014 Comprehensive Sampling	10/30/2014	11.7	7.04	4.2	0.92	0	0.04	133	19.04	10.4
MW-39D	2014 Dry Season Sampling Event 9	1/16/2015	13.6	7.14	19.1	1.04	2.1	0	29	18.84	21.2
MW-39D	2015 Restart Sampling Event 1	2/24/2015	-2	6.98	15.6	1.75	0.17	0.1	129	22.7	21.4
MW-39D	2015 Restart Sampling Event 2	3/26/2015	11.54	6.99	0	0.925	0	0.04	198	22.16	30.2
MW-39D	2015 Restart Sampling Event 3	4/23/2015	11.08	7.08	0.5	0.903	0	0.04	119	23.3	18.3
MW-40D	2013 Comprehensive Sampling	9/3/2013	17.6	5.01		1.376	0.05		-138	31.43	23.0
MW-40D	2014 Comprehensive Sampling	10/23/2014	15.61	7.45	16.1	1.36	0	0.06	37	31.23	10.4
MW-40S	2013 Comprehensive Sampling	9/5/2013	18.9	7.19	333	1.53	0.66		134	31.57	27.5
MW-40S	2014 Comprehensive Sampling	10/23/2014	17.06	7.15	48.2	0.956	6.14	0.04	91	30.98	24.7
MW-43D	2013 Comprehensive Sampling	9/5/2013	17.7	7.48	348	0.601	0.79		113	38.95	11.0
MW-43D	2014 Comprehensive Sampling	10/23/2014	15.12	7.38	0	0.501	0.87	0.02	50	45.7	13.0
MW-43S	2013 Comprehensive Sampling	9/5/2013	17.2	6.2	33.9	0.577	5.13		171	35.11	27.0
MW-43S	2014 Comprehensive Sampling	10/23/2014	15.15	6.58	35.7	0.622	7.1	0.03	131	37.23	13.6
MW-47	2013 Comprehensive Sampling	9/4/2013	19	6.65	66.8	0.865	3.72	0	234	22.43	25.0
MW-47	2014 Comprehensive Sampling	10/24/2013	17.3	5.78	157	0.505	5.31		199	17.7	8.2
MW-47	2014 Comprehensive Sampling	10/24/2014	17.66	6.07	47.6	0.567	4.52		235	17.99	8.2
MW-49D	2014 Comprehensive Sampling	10/23/2014	16.04	7.03	27.2	1.055	0.25		-77	31.9	9.8
MW-49S	2013 Comprehensive Sampling	9/12/2013	22.3	7.14	86.5	0.9	4.44		-64	98.41	21.0
MW-49S	2014 Comprehensive Sampling	10/28/2014	20.38	7.18	97.2	0.9	0.9	0.05	-101	130.95	18.7
MW-50D	2013 Comprehensive Sampling	9/13/2013	17.7	7.11	85.5	0.99	0		-119	35.31	10.5
MW-50D	2014 Shutdown Test Event 2	1/29/2014	13.74	7.05	17.3	0.999	0	0.1	-61	49.81	23.1
MW-50D	2014 Shutdown Test Event 11	3/20/2014	16.7	7.36	37.2	0.888	0	0	-34	160.92	58.4
MW-50D	2014 Restart Test Event 4	5/5/2014	17.2	6.24	375	1.1	0	0	32	151.5	206.0
MW-50D	2014 Restart Test Event 6	6/4/2014	14.66	7.01	79.1	1.21	0	0.1	-97	30.48	12.4
MW-50D	2014 Restart Test Event 8	7/8/2014	16.94	7.81	35.1	1.19	1.09	0.05	-3		74.1
MW-50D	2014 Restart Test Event 10	8/7/2014	15.39	7.13	40.4	1.27	0	0.06	-52	41.26	16.4
MW-50D	2014 Dry Season Sampling Event 2	9/10/2014	17.2	6.92	7.4	1.25	0	0.1	-108	42.22	10.2
MW-50D	2014 Dry Season Sampling Event 4	10/8/2014	16.37	7.16	28.8	1.25	0	0.1	-61	52.21	17.6
MW-50D	2014 Comprehensive Sampling	10/29/2014	13.72	6.91	20.4	1.18	0	0.1	-31	44.25	18.0
MW-50D	2014 Dry Season Sampling Event 9	1/15/2015	15	7.1	18.2	1.32	1.83	0.1	-77	46.5	15.0
MW-50D	2015 Restart Sampling Event 1	2/26/2015	-0.34	7.26	25.6	2.57	0	0.1	-88	53.64	15.9
MW-50D	2015 Restart Sampling Event 2	3/26/2015	15.9	7.15	7.2	1.41	0	0.1	-75	54.73	19.3
MW-50D	2015 Restart Sampling Event 3	4/22/2015	16.38	8.68	4.5	1.55	0	0.07	-75	56	18.7
MW-50S	2013 Comprehensive Sampling	9/13/2013	19.1	7.02	98.5	1.1	0.04		22	50.93	6.0
MW-50S	2014 Shutdown Test Event 2	1/23/2014	14.22	7.05	303	0.608	0.56	0.03	-43	57.3	26.5
MW-50S	2014 Shutdown Test Event 2	1/24/2014	15.78	7.31	117	2.11	6.32	0.1	30	95	26.5

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MW-50S	2014 Shutdown Test Event 11	3/20/2014	19.1	7.64	25.1	1.79	2.68	0.1	83	109.3	31.6
MW-50S	2014 Restart Test Event 4	5/5/2014	19.12	6.92	135	1.28	3.57	0.06	127		21.1
MW-50S	2014 Restart Test Event 6	6/4/2014	17.56	7.31	29.4	1.65	7	0.1	111	95.21	16.5
MW-50S	2014 Restart Test Event 8	7/8/2014	18.46	7.06	198	1.33	5.86	0.06	72	91.8	16.9
MW-50S	2014 Restart Test Event 10	8/7/2014	17.37	7.46	381	1.34	6.38	0.06	77	107.47	19.0
MW-50S	2014 Dry Season Sampling Event 2	9/9/2014	19.6	7.23	843	1.05	4.58	0	149		17.8
MW-50S	2014 Dry Season Sampling Event 4	10/8/2014	18.63	7.35	43.3	1.33	3.78	0.1	100	103.4	19.9
MW-50S	2014 Comprehensive Sampling	10/29/2014	21.1	7.3	182	1.33	5.25	0.9	75	106.91	19.1
MW-50S	2014 Dry Season Sampling Event 9	1/15/2015	17.5	7.3	77	1.29	6.26	0.1	88	104.2	17.5
MW-50S	2015 Restart Sampling Event 1	2/26/2015	3.37	7.45	12.4	2.04	7.35	0.1	151	100	14.1
MW-50S	2015 Restart Sampling Event 2	3/26/2015	17.6	7.5	34.7	1.29	6.15	0.1	111	105.32	17.8
MW-50S	2015 Restart Sampling Event 3	4/22/2015	17.76	7.03	7.3	1.36	7.76	0.06	103	100.9	17.5
MW-51D	2013 Comprehensive Sampling	9/18/2013	22.7	7.57	0	0.242	2.07	0	82	113.82	21.0
MW-51D	2014 Shutdown Test Event 2	1/20/2014	21.82	7.23	212	0.44	0.88	0.02	-72	109.8	18.2
MW-51D	2014 Shutdown Test Event 7	2/18/2014	18.4	7.82	283	1.35	8.16	0.1	55	116.84	23.4
MW-51D	2014 Shutdown Test Event 11	3/20/2014	16.9	7.37	60.6	0.391	3.92	0	74	109.81	27.0
MW-51D	2014 Restart Test Event 4	5/5/2014	20.92	6.97	198.7	1.06	3.78	0	105	114.32	29.1
MW-51D	2014 Restart Test Event 6	6/4/2014	18.44	7.61	777	1.03	0.79	0.1	84	107.32	9.1
MW-51D	2014 Restart Test Event 8	7/8/2014	19.2	7.55	117	1.08	4.03	0.05	36		14.1
MW-51D	2014 Restart Test Event 10	8/7/2014	18.53	7.14	305	0.838	1.78	0.03	148	104	7.7
MW-51D	2014 Dry Season Sampling Event 2	9/9/2014	20	7.5	287	0.95	0	0	109	109.48	7.0
MW-51D	2014 Dry Season Sampling Event 4	10/8/2014	19.9	7.63	8.5	1.18	1.45	0.1	58	111.33	7.8
MW-51D	2014 Comprehensive Sampling	10/29/2014	19.1	7.61	0	1.21	0	0.1	98	115.36	9.8
MW-51D	2014 Dry Season Sampling Event 9	1/14/2015	19	7.62	199	1.17	3.04	0.1	41	104.9	8.7
MW-51D	2015 Restart Sampling Event 1	2/26/2015	2.65	7.76	12	2.05	0	0.1	50	108.8	11.4
MW-51D	2015 Restart Sampling Event 2	3/26/2015	18.6	7.74	8.6	0.237	7.2	0	119	110.9	22.2
MW-51D	2015 Restart Sampling Event 3	4/22/2015	18.35	7.52	5.9	0.576	10.46	0.02	90	110.58	18.9
MW-51S	2013 Comprehensive Sampling	9/12/2013	19.6	6.87	22.3	1	0.36		122	24.27	7.0
MW-51S	2014 Shutdown Test Event 2	1/29/2014	15.87	6.98	3.1	0.98	0	0	125	15.65	4.0
MW-51S	2014 Shutdown Test Event 7	2/18/2014	16.3	6.9	101	1.3	0	0.1	210	15.38	52.4
MW-51S	2014 Shutdown Test Event 11	3/20/2014	17.47	6.77	0.2	1.21	0	0.1	215	14.69	22.6
MW-51S	2014 Restart Test Event 4	5/7/2014	18.2	5.64	43.9	1.12	0.4	0	200	13.23	4.1
MW-51S	2014 Restart Test Event 6	6/4/2014	15.62	6.95	13	1.27	0.43	0.1	230	15.66	7.8
MW-51S	2014 Restart Test Event 8	7/8/2014	17.44	6.94	11.5	1.24	0	0.1	193	16.81	18.8
MW-51S	2014 Restart Test Event 10	8/7/2014	17.29	6.98	0	1.18	0	0.1	238	17.92	6.4
MW-51S	2014 Dry Season Sampling Event 2	9/9/2014	18.1	6.94	5.1	1.02	0	0	188	18.45	9.6
MW-51S	2014 Dry Season Sampling Event 4	10/8/2014	17.39	7.01	2	1.24	0	0.1	191	18.71	13.1
MW-51S	2014 Comprehensive Sampling	10/29/2014	18.3	6.82	0	1.29	0	0.1	202	18.9	20.2
MW-51S	2014 Dry Season Sampling Event 9	1/15/2015	17.2	7.09	7.3	1.21	1.76	0.1	214	17.95	22.0
MW-51S	2015 Restart Sampling Event 1	2/26/2015	-0.2	7.24	0	2.26	0	0.1	148	23.24	8.0
MW-51S	2015 Restart Sampling Event 2	3/26/2015	18	7.14	0.6	0.937	0.14	0	224	23.54	19.2
MW-51S	2015 Restart Sampling Event 3	4/22/2015	17.2	6.62	1	1.38	0	0.06	179	24.01	16.1

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-57	2014 Comprehensive Sampling	10/16/2014	19.28	7.26	45.3	0.817	1.03	0.04	47	19.7	10.4
MW-64D	2013 Comprehensive Sampling	9/11/2013	14.96	7.38	9.5	0.448	8.24	0	237	62.18	10.4
MW-64D	2014 Comprehensive Sampling	10/22/2014	15.1	7.49	0.5	0.352	7.65		53	64.13	16.3
MW-64D	2015 2nd Rnd SPBA New Well Sampling	4/14/2015	15.2	7.32	0.7	0.369	7.68	0	113	61.1	6.8
MW-64S	2013 Comprehensive Sampling	9/11/2013	18.06	5.08	131	0.121	6.7	0	308	40.28	2.1
MW-64S	2015 2nd Rnd SPBA New Well Sampling	4/15/2015	14.4	5.2	211	0.086	9.24	0	302	39.28	2.8
MW-64S	2015 2nd Rnd SPBA New Well Sampling	4/23/2015	13.9	5.13	-5	0.076	8.97	0	312	40.72	2.8
MW-74S	2014 Shutdown Test Event 2	1/20/2014	12.82	6.96	75.2	0.98	0	0.04	47	15.15	38.5
MW-74S	2014 Shutdown Test Event 7	2/26/2014	12.95	7.68	11.7	1.036	0.32	0.51	15	14.07	27.3
MW-74S	2014 Shutdown Test Event 11	3/20/2014	12.22	7.08	36.3	1.41	0		145	15.15	19.1
MW-74S	2014 Restart Test Event 4	5/7/2014	13.65	6.24	59.3	1.09	0.01	0	-48	13.88	11.9
MW-74S	2014 Restart Test Event 6	6/3/2014	11.79	7.02	164	1.16	0	0.1	58	16.13	18.5
MW-74S	2014 Restart Test Event 8	7/1/2014	14.23	6.04	12.1	1.27	0.26	0.06	196	16.81	36.0
MW-74S	2014 Restart Test Event 10	8/6/2014	13.13	7.01	15.6	1.34	0	0.1	57	19.9	27.5
MW-74S	2014 Dry Season Sampling Event 2	9/9/2014	14.1	6.75	37.6	1.17	0	0.1	26	18.52	36.0
MW-74S	2014 Dry Season Sampling Event 4	10/7/2014	12.94	7.03	7.2	1.21	0	0.1	167	18.65	26.5
MW-74S	2014 Comprehensive Sampling	10/30/2014	10.96	7.1	12.1	1.09	0	0.05	-2	18.78	9.1
MW-74S	2014 Dry Season Sampling Event 9	1/16/2015	13.4	7.08	38.4	1.17	1.94	0.1	9	18.44	49.5
MW-74S	2015 Restart Sampling Event 1	2/24/2015	1.45	6.94	29.1	1.08	0.83	0	136	21.08	19.3
MW-74S	2015 Restart Sampling Event 2	3/26/2015	10.81	6.91	7.7	0.706	0	0.03	220	20.46	18.4
MW-74S	2015 Restart Sampling Event 3	4/23/2015	10.72	7.07	7.1	0.737	1.28	0.03	132	21.41	19.8
MW-75D	2014 Shutdown Test Event 2	1/24/2014	12.95	7.49	672	0.97	0	0	145	16.63	24.2
MW-75D	2014 Shutdown Test Event 7	2/19/2014	13.4	7.1	-5	0.912	0	0	78	15.45	21.1
MW-75D	2014 Shutdown Test Event 11	3/20/2014	14.42	7.06	745	1.01	0	0	113	16.03	17.6
MW-75D	2014 Restart Test Event 4	5/8/2014	14.74	7.1	148	1.29	1.13	0.06	113	16.87	180.8
MW-75D	2014 Restart Test Event 6	6/2/2014	14.25	7.34	190	0.932	0.14	0	61	18.68	15.1
MW-75D	2014 Restart Test Event 8	7/1/2014	15	6.87	27.1	0.989	0	0	112	21.44	21.4
MW-75D	2014 Restart Test Event 10	8/7/2014	12.53	7.33	29.2	1.02	0	0.04	61	25.21	17.6
MW-75D	2014 Dry Season Sampling Event 2	9/9/2014	15.28	7.31	34.3	1.02	0.69	0.05	100	19.09	29.6
MW-75D	2014 Dry Season Sampling Event 4	10/7/2014	14.02	7.33	33.2	1.04	0	0	90	19.09	22.3
MW-75D	2014 Comprehensive Sampling	10/29/2014	11.87	7.18	27.5	0.93	0	0.04	78	18.34	36.4
MW-75D	2014 Dry Season Sampling Event 9	1/14/2015	13.6	7.35	17.4	0.927	1.74	0	23	18.54	38.3
MW-75D	2015 Restart Sampling Event 1	2/24/2015	0.72	7.23	35.6	1.62	0.43	0.1	-9	27.32	30.0
MW-75D	2015 Restart Sampling Event 2	3/27/2015	13.9	7.37	5.1	1.18	0.75	0.1	92	23.1	21.8
MW-75D	2015 Restart Sampling Event 3	4/21/2015	14.29	7.49	2.9	1.38	0	0.06	58	24.64	21.8
MW-75S	2013 Comprehensive Sampling	9/6/2013	15.9	7.66	0	0.92	0	0	53	22.55	18.0
MW-75S	2014 Shutdown Test Event 2	1/24/2014	13.82	7.54	3.2	0.97	0	0	58	15.6	16.1
MW-75S	2014 Shutdown Test Event 7	2/19/2014	13.6	7.22	42.5	1.19	0	0.1	63	16.66	42.8
MW-75S	2014 Shutdown Test Event 11	3/19/2014	13.99	7.23	38	1.13	0	0.1	97	14.92	19.7
MW-75S	2014 Restart Test Event 4	5/8/2014	14.83	6.07	41.4	1.06	0	0	71	16.2	16.9
MW-75S	2014 Restart Test Event 6	6/2/2014	13.08	7.41	9.9	0.886	0	0	53	18.31	12.6
MW-75S	2014 Restart Test Event 8	7/1/2014	15.63	7.17	29.9	0.801	0	0	16	19.88	18.9

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-75S	2014 Restart Test Event 10	8/6/2014	15.42	7.47	11.1	0.964	0	0.04	18	23.26	33.8
MW-75S	2014 Dry Season Sampling Event 2	9/8/2014	15.21	7.38	18.6	1.01	1.55	0.04	44	18.01	18.7
MW-75S	2014 Dry Season Sampling Event 4	10/6/2014	14.58	7.44	21.6	1.04	0	0	-2	18.4	26.6
MW-75S	2014 Comprehensive Sampling	10/29/2014	11.95	7.24	16	0.94	0	0.04	222	18.75	9.1
MW-75S	2014 Dry Season Sampling Event 9	1/14/2015	13.8	7.41	12.5	0.932	1.76	0	-23	18.74	16.5
MW-75S	2015 Restart Sampling Event 1	2/24/2015	3.39	7.33	6.2	1.3	0.71	0.1	-47	26.33	16.2
MW-75S	2015 Restart Sampling Event 2	3/25/2015	14	7.54	12.1	0.97	0	0	31	22.88	13.3
MW-75S	2015 Restart Sampling Event 3	4/21/2015	14.46	8.4	10.9	0.927	0	0.04	-30	23.99	16.3
MW-77	2013 Comprehensive Sampling	9/9/2013	18.6	6.1	35.1	0.91	2.56		-121	28.51	14.0
MW-77	2014 Comprehensive Sampling	10/17/2014	16.9	6.3	15	0.592	0	0	-92	28.23	25.1
MW-82	2013 Comprehensive Sampling	9/3/2013	59.59	6.92		0.493	1.67		42	37.33	32.5
MW-82	2014 Comprehensive Sampling	10/23/2014	14.76	6.93	16.9	0.519	1.58		60	36.96	28.9
MW-85	2013 Comprehensive Sampling	9/3/2013	19.69	8.62		0.209	0.05		-266	24.73	12.0
MW-85	2014 Comprehensive Sampling	10/24/2014	15.86	8.6	132	0.228	0.26	0.01	-462	39.41	30.6
MW-87	2013 Comprehensive Sampling	9/4/2013	17.6	7.23	130	0.722	0.32	0	94	26.76	56.0
MW-87	2014 Comprehensive Sampling	10/14/2014	14.05	6.85	47.2	0.714	0	0.03	211	26.48	44.9
MW-88	2014 Comprehensive Sampling	10/2/2014	13.7	7.43	61.9	0.76	1.15	0.03	26	24.9	17.5
MW-88	2014 Comprehensive Sampling	10/27/2014	13.74	7.45	39.6	0.773	1.16	0.03	10		17.5
MW-93D	2014 Shutdown Test Event 2	1/20/2014	14.65	7.52	17.5	0.952	0	0	-123	15.72	27.3
MW-93D	2014 Shutdown Test Event 7	2/18/2014	14.3	9.06	0	0.609	0	0	-124	16.34	19.4
MW-93D	2014 Shutdown Test Event 11	3/19/2014	14.87	7.32	1	0.818	0	0	41	15.74	24.2
MW-93D	2014 Restart Test Event 4	5/8/2014	14.96	7.13	2	0.852	0	0.04	-33	15.84	17.7
MW-93D	2014 Restart Test Event 6	6/3/2014	13.2	7.38	5	0.766	3.62	0	-37	18.5	10.0
MW-93D	2014 Restart Test Event 8	6/30/2014	16	7.34	15.7		0	0	-35	19.1	21.5
MW-93D	2014 Restart Test Event 10	8/6/2014	16.52	7.35	21.8	0.999	0.39	0	-71	20.9	28.3
MW-93D	2014 Dry Season Sampling Event 2	9/8/2014	15.12	7.33	7.9	0.977	0.59	0.04	-28	18.51	19.2
MW-93D	2014 Dry Season Sampling Event 4	10/8/2014	15.6	7.4	37.2	0.708	0	0	-91	18.42	14.1
MW-93D	2014 Comprehensive Sampling	10/28/2014	12.57	7.29	1.6	0.753	0	0.03	-19	18.82	9.1
MW-93D	2014 Dry Season Sampling Event 9	1/13/2015	14.6	7.42	7.4	0.71	2.42	0	-64	18.51	28.2
MW-93D	2015 Restart Sampling Event 1	2/23/2015	3.36	7.23	30.9	0.89	1	0	-180	24.3	7.2
MW-93D	2015 Restart Sampling Event 2	3/24/2015	14.3	7.53	0.5	0.683	0	0	2	21.05	14.0
MW-93D	2015 Restart Sampling Event 3	4/20/2015	15.34	9.3	1.2	0.738	0	0.03	-65	22.7	16.1
MW-93S	2014 Shutdown Test Event 2	1/20/2014	15.13	7.3	0	1.71	0.01	0.1	195	17.31	30.4
MW-93S	2014 Shutdown Test Event 7	2/19/2014	14.4	7.53	6.8	1.75	0	0.1	-202	17.94	62.3
MW-93S	2014 Shutdown Test Event 11	3/19/2014	14.39	7.16	0.3	1.72	0.1	0.1	199	16.91	14.3
MW-93S	2014 Restart Test Event 4	5/8/2014	14.54	7.02	0.9	1.39	1.01	0.06	98	16.97	12.6
MW-93S	2014 Restart Test Event 6	6/3/2014	13.5	7.32	3.7	1.38	0.33	0.1	101	19.45	5.5
MW-93S	2014 Restart Test Event 8	7/1/2014	14.56	7.13	38.9	0.99	0	0	134	20.63	21.3
MW-93S	2014 Restart Test Event 10	8/5/2014	15.84	7.54	18.2	0.924	0.11	0.04	131	21.65	18.1
MW-93S	2014 Dry Season Sampling Event 2	9/8/2014	15.82	7.42	34.1	0.98	1.05	0.04	102	19.67	17.3
MW-93S	2014 Dry Season Sampling Event 4	10/8/2014	15.5	7.47	6.8	0.808	0	0	117	19.78	12.6
MW-93S	2014 Comprehensive Sampling	10/28/2014	13.43	7.35	2	0.949	0	0.04	168	20.6	14.3

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-93S	2014 Dry Season Sampling Event 9	1/13/2015	14.5	7.75	4.1	0.86	4.04	0	107	20.1	14.1
MW-93S	2015 Restart Sampling Event 1	2/23/2015	3.99	7.34	0	1.12	4.25	0	84	26.16	22.4
MW-93S	2015 Restart Sampling Event 2	3/24/2015	14.3	8.07	2.7	0.967	3.17	0	110	22.67	44.6
MW-93S	2015 Restart Sampling Event 3	4/20/2015	14.74	8.12	25.6	0.983	1.01	0.04	78	24.4	19.3
MW-95	2013 Comprehensive Sampling	9/5/2013	13.8	7.23	0	0.832	0	0	204	20.29	16.7
MW-95	2014 Shutdown Test Event 2	1/20/2014	13.51	6.7	27.6	0.798	0	0.03	182	14.14	24.2
MW-95	2014 Shutdown Test Event 7	2/18/2014	12.7	4.87	25.7	0.649	0	0	122	14.85	30.5
MW-95	2014 Shutdown Test Event 11	3/18/2014	13.7	6.94	1.9	0.814	0	0	153	13.87	18.0
MW-95	2014 Restart Test Event 4	5/6/2014	15.2	6.39	267	0.92	0.09	0	65	12.2	9.0
MW-95	2014 Restart Test Event 8	7/2/2014	11.35	6.9	29.9	0.726	0	0	88	15.7	24.2
MW-95	2014 Restart Test Event 10	8/6/2014	12.85	6.94	30	0.954	0	0	57	16.77	26.7
MW-95	2014 Dry Season Sampling Event 2	9/10/2014	13.8	6.73	43	0.999	0	0	51	17.32	38.9
MW-95	2014 Dry Season Sampling Event 4	10/8/2014	13.8	6.88	23	0.832	0	0	81	17.53	28.8
MW-95	2014 Comprehensive Sampling	10/30/2014	13.5	6.89	30.3	0.926	0.02	0	48	17.75	22.1
MW-95	2014 Dry Season Sampling Event 9	1/15/2015	13.5	7.07	22.3	0.682	2.82	0	67	16.99	24.4
MW-95	2015 Restart Sampling Event 1	2/27/2015	2	7.21	16.6	1.39	0	0.1	170	21.45	15.3
MW-95	2015 Restart Sampling Event 2	3/25/2015	10.65	7.03	23.5	0.769	0	0.03	220	19	13.2
MW-95	2015 Restart Sampling Event 3	4/22/2015	10.66	7.08	12.2	0.758	0.07	0.03	122	20	14.3
MW-96D	2013 Comprehensive Sampling	9/5/2013	14.5	7.35	0	1	0	0	154	22.77	9.3
MW-96D	2014 Shutdown Test Event 2	1/21/2014	12.11	6.9	29	0.929	0	0.04	132	16.39	14.0
MW-96D	2014 Shutdown Test Event 7	2/18/2014	13	7.98	0	0.913	0	0	-48	17.1	9.9
MW-96D	2014 Shutdown Test Event 11	3/18/2014	13.5	7.21	10.8	1.15	0	0.1	116	16.14	8.8
MW-96D	2014 Shutdown Test Event 11	3/25/2014	12.2	7.13	19.4	1.16	0.21	0.1	321	16.65	3.9
MW-96D	2014 Restart Test Event 4	5/6/2014	15.65	6.51	103	1.12	0.71	0.1	68	14.61	5.0
MW-96D	2014 Restart Test Event 6	6/3/2014	11.7	7.07	36.6	1.48	0	0.1	122		14.3
MW-96D	2014 Restart Test Event 8	7/2/2014	12.67	7.02	30	1.16	0	0.1	181	17.93	14.0
MW-96D	2014 Restart Test Event 10	8/7/2014	13.19	7.08	47.6	1.15	0	0.1	189	19.16	32.6
MW-96D	2014 Dry Season Sampling Event 2	9/9/2014	14.4	6.6	39.3	1.19	0	0.1	168	19.46	19.5
MW-96D	2014 Dry Season Sampling Event 4	10/8/2014	15.1	7.1	43.7	1.17	0	0.1	95	19.71	24.8
MW-96D	2014 Comprehensive Sampling	10/30/2014	14.2	6.98	17.9	1.21	0	0.01	170	19.95	12.3
MW-96D	2014 Dry Season Sampling Event 9	1/15/2015	13.5	7.02	19.4	1.2	0	0.1	98	19.21	28.5
MW-96D	2015 Restart Sampling Event 1	2/26/2015	10.74	7.29	14	1.19	0	0.05	111	23.51	32.1
MW-96D	2015 Restart Sampling Event 2	3/26/2015	10.81	7.01	1.6	0.96	0	0.04	318	21.79	12.1
MW-96D	2015 Restart Sampling Event 3	4/22/2015	11.2	7.17	8.7	1.05	0	0.05	125	22.72	12.5
MW-96S	2013 Comprehensive Sampling	9/5/2013	15.3	7.24	0	1.09	0	0	135	22.99	6.0
MW-96S	2014 Shutdown Test Event 2	1/24/2014	13.65	6.89	5.3	1.08	0	0.05	128	16.97	14.1
MW-96S	2014 Shutdown Test Event 7	2/18/2014	13.4	5.62	0	1.23	0	0.1	29	17.15	9.9
MW-96S	2014 Shutdown Test Event 11	3/18/2014	13.8	7.12	0	1.3	0	0.1	133	16.27	13.4
MW-96S	2014 Restart Test Event 4	5/6/2014	16.51	6.48	151	1.13	0.45	0.1	104	14.73	5.0
MW-96S	2014 Restart Test Event 6	6/3/2014	15.21	7.05	72.9	1.2	0	0.1	148	17.4	9.3
MW-96S	2014 Restart Test Event 8	7/2/2014	12	7.01	20.7	1.21	0	0.1	140	18.11	11.4
MW-96S	2014 Restart Test Event 10	8/7/2014	13.38	7.05	14	1.26	0	0.1	202	19.21	16.3

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-96S	2014 Dry Season Sampling Event 2	9/9/2014	14.8	6.74	24.2	1.27	0	0.1	136	19.57	8.0
MW-96S	2014 Dry Season Sampling Event 4	10/8/2014	14.7	7.07	24	1.28	0	0.1	90	19.85	9.0
MW-96S	2014 Comprehensive Sampling	10/30/2014	14.4	6.94	1.8	1.34	0.09	0.1	116	20.09	11.1
MW-96S	2014 Dry Season Sampling Event 9	1/15/2015	13.9	7	19.2	1.32	0	0.1	67	19.32	10.0
MW-96S	2015 Restart Sampling Event 1	2/26/2015	11.2	7.23	24.2	1.34	0	0.06	102	23.55	11.7
MW-96S	2015 Restart Sampling Event 2	3/26/2015	11.23	6.98	0	1.11	0	0.05	272	21.98	7.6
MW-96S	2015 Restart Sampling Event 3	4/22/2015	11.31	7.1	3.9	1.16	0	0.05	102	22.88	10.0
MW-97	2014 Shutdown Test Event 2	1/30/2014	14.09	7.12	0	0.99	0	0.04	-112	15.61	16.1
MW-97	2014 Shutdown Test Event 7	2/18/2014	14.7	7.21	10.6	0.9	0.16	0	-49	16.08	10.2
MW-97	2014 Shutdown Test Event 11	3/19/2014	13.4	7.46	0	0.836	0	0	85	13.7	5.5
MW-97	2014 Restart Test Event 4	5/6/2014	16.04	6.71	375	0.928	0	0	44	12.1	6.5
MW-97	2014 Restart Test Event 6	6/5/2014	12.89	7.36	31.4	0.809	0	0.1	74	16.25	14.0
MW-97	2014 Restart Test Event 8	7/2/2014	14	7.37	16	0.783	0	0	57	16.39	9.7
MW-97	2014 Restart Test Event 10	8/6/2014	14.88	7.29	26.8	0.94	0	0	58	17.57	14.3
MW-97	2014 Dry Season Sampling Event 2	9/9/2014	16.3	7.19	34.2	0.999	0	0	85	18.28	23.5
MW-97	2014 Dry Season Sampling Event 4	10/9/2014	15.4	7.23	32.7	0.773	0	0	108	18.73	15.9
MW-97	2014 Comprehensive Sampling	10/30/2014	15.3	7.1	13.8	0.975	0.06	0	129	18.24	17.2
MW-97	2014 Dry Season Sampling Event 9	1/15/2015	15.2	7.45	23.1	0.834	1.96	0	40	18.9	22.0
MW-97	2015 Restart Sampling Event 1	2/27/2015	11.22	7.29	5.4	1.03	0	0.05	240	24.25	7.8
MW-97	2015 Restart Sampling Event 2	3/27/2015	12.22	7.18	26.1	0.925	0	0.04	268	23.5	8.8
MW-97	2015 Restart Sampling Event 3	4/21/2015	13.12	7.39	0	0.899	0	0.04	101	24.52	9.0
MW-98D	2013 Comprehensive Sampling	9/19/2013	14.3	6	30.1	0.21	0.71		-37	40.08	16.0
MW-98D	2014 Comprehensive Sampling	10/29/2014	12.72	6.3	19.1	0.181	1.21	0.01	-88	28.99	5.3
MW-98I	2013 Comprehensive Sampling	9/18/2013	13.97	7.08	3.3	0.896	0		19	21.93	11.0
MW-98I	2014 Shutdown Test Event 2	1/31/2014	12.37	6.73	0	0.735	0	0.03	-5	20.76	14.0
MW-98I	2014 Shutdown Test Event 7	2/24/2014	12.32	7.11	5.4	0.69	1.47	0.34	54	18.15	17.7
MW-98I	2014 Shutdown Test Event 11	3/18/2014	13.1	6.98		1.03	0.72	0	113	20.08	25.4
MW-98I	2014 Restart Test Event 4	5/8/2014	9.51	6.83	4	0.921	1.29	0	111	19.92	19.8
MW-98I	2014 Restart Test Event 6	6/4/2014	14.73	6.78	46.1	0.876	1.19	0	114	20.58	14.8
MW-98I	2014 Restart Test Event 8	6/30/2014	11.44	6.93	26	0.692	0.99	0	102	20.88	12.6
MW-98I	2014 Restart Test Event 10	8/6/2014	12.85	6.97	21.3	0.937	0	0	98	21.3	10.5
MW-98I	2014 Dry Season Sampling Event 2	9/8/2014	13.7	6.99	14.8	0.631	0	0	61	20.67	12.5
MW-98I	2014 Dry Season Sampling Event 4	10/7/2014	13.8	7.07	0	0.618	0	0	181	20.67	11.4
MW-98I	2014 Comprehensive Sampling	10/29/2014	13.27	6.86	22.7	0.969	0.09	0.04	124	22.5	11.9
MW-98I	2014 Dry Season Sampling Event 9	1/15/2015	12.7	6.99	33.4	0.821	0.37	0	35	21.46	11.0
MW-98I	2015 Restart Sampling Event 1	2/25/2015	1.64	6.87	0	1.23	0	0	104	23.24	22.3
MW-98I	2015 Restart Sampling Event 2	3/24/2015	9.37	7.34	0	0.431	0	0.02	317	21.4	10.6
MW-98I	2015 Restart Sampling Event 2	3/25/2015	9.63	6.96	16.2	0.867	0	0.04	367	21.48	10.6
MW-98I	2015 Restart Sampling Event 2	3/26/2015	10.7	6.95	0	0.829	0	0.04	264	21.64	10.6
MW-98I	2015 Restart Sampling Event 3	4/20/2015	10.85	7.01	5	0.841	0.68	0.04	118	22.02	18.6
MW-98S	2013 Comprehensive Sampling	9/18/2013	14.87	7.02	20.2	0.929	0		112	21.65	20.5
MW-98S	2014 Shutdown Test Event 2	1/31/2014	13	6.63	8.6	0.999	0	0	152	19.95	18.0

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-98S	2014 Shutdown Test Event 7	2/24/2014	12.35	7.01	35.5	0.733	1.19	0.36	96	16.98	26.4
MW-98S	2014 Shutdown Test Event 11	3/18/2014	13.75	6.82	3.4	0.922	0.74	0	222	19.05	20.2
MW-98S	2014 Restart Test Event 4	5/7/2014	9.76	6.82	39.8	0.936	1.84	0	141	18.26	14.9
MW-98S	2014 Restart Test Event 6	6/4/2014	16.13	6.81	38.2	0.875	1.74	0	196	19.54	11.0
MW-98S	2014 Restart Test Event 8	6/30/2014	11.98	6.89	49.5	0.704	1.19	0	163	19.92	24.1
MW-98S	2014 Restart Test Event 10	8/6/2014	12.55	6.91	40.7	0.948	0	0	205	20.49	26.6
MW-98S	2014 Dry Season Sampling Event 2	9/8/2014	13.6	6.93	39.5	0.66	0	0	107	20.86	35.8
MW-98S	2014 Dry Season Sampling Event 4	10/7/2014	13.8	6.92	11.7	0.667	0	0	54	21.78	27.5
MW-98S	2014 Comprehensive Sampling	10/29/2014	12.99	6.9	19.6	0.9	1.56	0.05	91	22.36	47.8
MW-98S	2014 Dry Season Sampling Event 9	1/15/2015	12.8	6.93	38.6	0.879	0.72	0	39	20.7	27.5
MW-98S	2015 Restart Sampling Event 1	2/25/2015	-0.89	6.87	0.6	1.43	0.25	0.1	1	22.13	16.9
MW-98S	2015 Restart Sampling Event 2	3/26/2015	10.62	6.83	29.3	0.854	0	0.04	301	20.95	22.8
MW-98S	2015 Restart Sampling Event 3	4/20/2015	10.83	6.93	2.6	0.867	5.06	0.04	124	21.32	30.8
MW-99D	2013 Comprehensive Sampling	9/16/2013	14.2	7.04	5.2	0.9	0		79	19.8	20.0
MW-99D	2014 Shutdown Test Event 2	1/27/2014	11.19	6.87	1.2	0.777	0.07	0	244	18	2.0
MW-99D	2014 Shutdown Test Event 7	2/17/2014	12.2	7.87	0	0.667	0.97	0.32	51	16.6	3.6
MW-99D	2014 Shutdown Test Event 7	2/24/2014	12.23	7.86	0	0.667	0.99	0.32	52	16.6	3.6
MW-99D	2014 Shutdown Test Event 11	3/18/2014	12.75	7.14	0	0.783	0	0	201	17.44	6.2
MW-99D	2014 Restart Test Event 4	5/6/2014	9.51	7.36	21.4	0.766	0	0	238	16.47	6.0
MW-99D	2014 Restart Test Event 6	6/4/2014	10.49	7.23	17.8		0	0	208	18.17	5.7
MW-99D	2014 Restart Test Event 8	6/30/2014	13.22	7.07	36	0.635	0	0	255	18.37	3.9
MW-99D	2014 Restart Test Event 10	8/5/2014	13.56	7.14	0	0.821	0	0	101	18.82	3.9
MW-99D	2014 Dry Season Sampling Event 2	9/8/2014	14	7.05	39.1	0.865	0	0	228	19.15	4.2
MW-99D	2014 Dry Season Sampling Event 4	10/7/2014	14.2	7.11	0	0.595	0	0	159	19.35	3.3
MW-99D	2014 Comprehensive Sampling	10/30/2014	14.06	7.24	0	0.841	0.6	0.04	92	20.38	3.4
MW-99D	2014 Dry Season Sampling Event 9	1/14/2015	11.2	7.28	0	0.695	0	0	61	19.06	3.3
MW-99D	2015 Restart Sampling Event 1	2/25/2015	-3.13	7.21	0	1.2	0	0	144	20.52	3.6
MW-99D	2015 Restart Sampling Event 2	3/24/2015	9.4	7.23	21.4	0.7	0	0.03	323	19.02	3.2
MW-99D	2015 Restart Sampling Event 3	4/21/2015	10.03	7.26	0	0.685	0	0.03	235	19.57	3.3
MW-99S	2013 Comprehensive Sampling	9/16/2013	15.72	7.3	25.1	0.905	0		82	20.54	17.0
MW-99S	2014 Shutdown Test Event 2	1/31/2014	13.23	7.07	13.7	0.675	0	0.03	195	19.37	14.5
MW-99S	2014 Shutdown Test Event 7	2/24/2014	12.58	7.36	5.5	0.638	0.98	0.31	65	17.11	18.4
MW-99S	2014 Shutdown Test Event 11	3/18/2014	13.3	7.27	4.1	0.648	0	0	137	18.51	13.1
MW-99S	2014 Restart Test Event 4	5/6/2014	13.57	6.97	36.4	0.806	0	0.03	144	18.38	30.8
MW-99S	2014 Restart Test Event 6	6/4/2014	10.63	7.07	8.3	0.878	0	0	123	19.26	19.4
MW-99S	2014 Restart Test Event 8	6/30/2014	11.69	7.09	12.3	0.67	0.32	0	146	19.91	18.5
MW-99S	2014 Restart Test Event 10	8/5/2014	11.46	7.19	24	0.725	0.09	0.03	126	20.32	23.4
MW-99S	2014 Dry Season Sampling Event 2	9/8/2014	14	7.16	36.9	0.619	0	0	93	20.67	19.8
MW-99S	2014 Dry Season Sampling Event 4	10/7/2014	13.8	7.07	0	0.618	0	0	181	20.67	14.3
MW-99S	2014 Comprehensive Sampling	10/30/2014	13.56	7.1	0	0.875	0.35	0.04	86	20.99	12.4
MW-99S	2014 Dry Season Sampling Event 9	1/15/2015	13	7.16	24	0.79	0.22	0	139	20.06	15.3
MW-99S	2015 Restart Sampling Event 1	2/25/2015	-0.91	7.06	0	1.29	0	0.1	119	21.84	17.1

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-99S	2015 Restart Sampling Event 2	3/24/2015	10.54	7.03	2	0.891	0	0.04	351	20.11	10.5
MW-99S	2015 Restart Sampling Event 3	4/20/2015	10.99	7.16	2.5	0.905	0	0.04	149	20.86	13.3
MW-100D	2013 Comprehensive Sampling	9/17/2013	14.59	7.29	0	0.968	0		85	21.68	14.0
MW-100D	2014 Shutdown Test Event 2	1/30/2014	12.52	7.18	32.9	0.9	0	0	234	19.6	4.3
MW-100D	2014 Shutdown Test Event 7	2/24/2014	12.18	7.43	29.1	0.881	0.07	0.43	173	17.44	5.4
MW-100D	2014 Shutdown Test Event 11	3/17/2014	12.1	7.36	3.6	0.99	0	0	275	18.69	4.2
MW-100D	2014 Shutdown Test Event 3	4/21/2014	12.24	6.98	3.1	0.955	0	0	310	19.1	3.9
MW-100D	2014 Restart Test Event 4	5/6/2014	13.6	7.11	44.2	0.979	0	0.04	227	17.74	7.5
MW-100D	2014 Restart Test Event 5	5/19/2014	13.8	7.26	32.6	0.961	0	0	251	18.33	5.6
MW-100D	2014 Restart Test Event 6	6/3/2014	14.58	7.29	57.9	0.9	0	0	279	20	4.6
MW-100D	2014 Restart Test Event 8	7/1/2014	12.24	7.2	0	0.887	0	0	253	10.18	3.3
MW-100D	2014 Restart Test Event 9	7/14/2014	14.3	6.75	7.2	0.97	0	0.04	314	20.66	3.8
MW-100D	2014 Restart Test Event 10	8/5/2014	15.55	7.17	13.9	0.9	0.62	0.1	290	20.7	3.6
MW-100D	2014 Dry Season Sampling Event 2	9/8/2014	14.6	7.18	38	0.9	0	0	289	21	5.9
MW-100D	2014 Dry Season Sampling Event 4	10/6/2014	13.9	7.19	0	0.815	0	0	172	21.11	3.6
MW-100D	2014 Comprehensive Sampling	10/28/2014	13.9	7.04	3.1	0.92	0	0	172	21.5	4.8
MW-100D	2014 Dry Season Sampling Event 9	1/14/2015	11.7	7.24	26.7	0.944	0	0	127	20.85	3.7
MW-100D	2015 Restart Sampling Event 1	2/25/2015	11.1	7.14	0	0.886	0	0	206	23.16	6.0
MW-100D	2015 Restart Sampling Event 2	3/25/2015	9.71	7.1	2.7	0.9	0	0.04	364	20.97	3.0
MW-100D	2015 Restart Sampling Event 3	4/21/2015	10.57	7.23	0	1.01	0	0.04	254	21.64	2.6
MW-100I	2013 Comprehensive Sampling	9/10/2013	13.1	6.38	330	0.9	6.9		197	21.38	6.5
MW-100I	2013 Comprehensive Sampling	9/17/2013	14.8	7.04	13.9	0.9	0.25		133	21.47	6.5
MW-100I	2014 Shutdown Test Event 2	1/30/2014	12.8	7.02	0	0.9	0	0.1	254	19.45	4.2
MW-100I	2014 Shutdown Test Event 7	2/24/2014	11.47	6.89	9	0.861	1.61	0.43	61		5.2
MW-100I	2014 Shutdown Test Event 11	3/17/2014	12.1	7.32	2.6	1.01	0	0	240	18.56	4.2
MW-100I	2014 Restart Test Event 3	4/21/2014	12.05	6.77	2.8	0.955	0.18	0	239	19.03	4.8
MW-100I	2014 Restart Test Event 4	5/6/2014	9.59	7.18	14.3	1.05	0	0	209	17.58	3.3
MW-100I	2014 Restart Test Event 5	5/19/2014	13.42	7.23	139	0.95	0	0	294	18.07	5.6
MW-100I	2014 Restart Test Event 6	6/3/2014	10.64	7.18	45.9	0.97	0	0	195	19.94	5.5
MW-100I	2014 Restart Test Event 8	7/1/2014	14.93	6.19	27.1	0.976	0.2	0.04	193	20.07	9.1
MW-100I	2014 Restart Test Event 9	7/14/2014	14.5	7.12	40.4	0.9	0	0	290	20.53	5.2
MW-100I	2014 Restart Test Event 10	8/5/2014	11.74	7.28	13.4	0.947	0	0.04	205	20.55	8.6
MW-100I	2014 Dry Season Sampling Event 2	9/8/2014	14.4	7.19	26.6	0.9	0	0	193	20.81	6.6
MW-100I	2014 Dry Season Sampling Event 4	10/6/2014	14.8	7.24	0	0.821	0	0	164	20.93	3.9
MW-100I	2014 Comprehensive Sampling	10/28/2014	14.4	7.13	34.3	0.82	0	0	156	21.15	5.3
MW-100I	2014 Dry Season Sampling Event 9	1/14/2015	11.5	7.31	17.4	0.94	0	0	70	20.65	3.5
MW-100I	2015 Restart Sampling Event 1	2/25/2015	10.7	7.18	0	0.87	0	0	179	23.15	5.4
MW-100I	2015 Restart Sampling Event 2	3/24/2015	9.58	7.21	49.1	0.984	0	0.04	324	20.68	3.3
MW-100I	2015 Restart Sampling Event 3	4/21/2015	10.65	7.26	1.4	0.98	0	0.04	201	21.34	3.3
MW-100S	2013 Comprehensive Sampling	9/17/2013	15.27	7.41	0	0.93	0		65	21.92	5.0
MW-100S	2014 Shutdown Test Event 2	1/30/2014	12.35	7.15	0	0.9	0	0.1	258	19.94	4.0
MW-100S	2014 Shutdown Test Event 7	2/17/2014	12.19	7.55	11.4	0.821	0.53	0.39	163	17.8	7.7

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-100S	2014 Shutdown Test Event 7	2/24/2014	12.18	7.55	11.9	0.821	0.56	0.39	166	17.81	7.7
MW-100S	2014 Shutdown Test Event 11	3/17/2014	12.4	7.38	27.9	0.899	0	0	268	19.12	5.3
MW-100S	2014 Shutdown Test Event 3	4/21/2014	9.17	7.2	45	0.9	0	0	282	19.56	5.2
MW-100S	2014 Restart Test Event 4	5/6/2014	9.59	7.22	2.4	1.02	0	0	284	18.13	7.2
MW-100S	2014 Restart Test Event 5	5/12/2014	13.13	7.41	2.4	1	0.28	0	204	18.72	5.4
MW-100S	2014 Restart Test Event 5	5/19/2014	13.11	7.41	1.6	1	0.29	0	197	18.72	5.4
MW-100S	2014 Restart Test Event 6	6/3/2014	10.42	7.23	38	0.91	0	0	218	20.46	7.8
MW-100S	2014 Restart Test Event 8	7/1/2014	14.65	5.88	30.1	0.92	0.33	0.04	236	20.57	3.8
MW-100S	2014 Restart Test Event 9	7/14/2014	14.7	7.13	15.6	0.9	0	0	302	21.02	7.2
MW-100S	2014 Restart Test Event 10	8/5/2014	11.58	7.24	9.5	0.936	0	0.04	254	21.22	8.5
MW-100S	2014 Dry Season Sampling Event 2	9/8/2014	13.9	7.22	26.8	0.9	0	0.1	259	21.3	5.2
MW-100S	2014 Dry Season Sampling Event 4	10/6/2014	14.8	7.31	27.2	0.792	0	0	205	21.39	3.9
MW-100S	2014 Comprehensive Sampling	10/28/2014	14.5	7.13	8.1	0.794	0	0	168	21.63	5.9
MW-100S	2014 Dry Season Sampling Event 9	1/14/2015	11.1	7.32	47.7	0.922	0	0	123	21.15	3.3
MW-100S	2015 Restart Sampling Event 1	2/25/2015	10.6	7.24	0	0.84	0	0	181	23.1	3.6
MW-100S	2015 Restart Sampling Event 2	3/24/2015	9.31	7.24	0	0.932	0	0.04	300	21.1	3.2
MW-100S	2015 Restart Sampling Event 3	4/21/2015	11.08	7.32	0	0.914	0	0.04	221	21.91	3.3
MW-101D	2013 Comprehensive Sampling	9/16/2013	16.5	7.26	64	0.99	0		-153	21.3	4.0
MW-101D	2014 Comprehensive Sampling	10/13/2014	14.4	7.21	1	0.644	0	0	-151	55.88	14.1
MW-101S	2013 Comprehensive Sampling	9/16/2013	15.85	6.91	7.8	1.06	0.28		65	17.1	8.0
MW-101S	2014 Comprehensive Sampling	10/13/2014	14.1	6.86	0	1.42	0	0.1	78	16.98	20.0
MW-102D	2013 Comprehensive Sampling	9/11/2013	16.6	6.44	224	0.36	1.7		-11	16.04	40.0
MW-102D	2014 Comprehensive Sampling	10/21/2014	14.29	6.56	160	0.311	1.53	0.01	-1	18.61	19.5
MW-102S	2013 Comprehensive Sampling	9/12/2013	16.6	4.63	178	0.25	12.67		325	41.09	24.0
MW-102S	2014 Comprehensive Sampling	10/21/2014	14.95	4.96	498	0.196	6.01	0.01	355	43.8	25.3
MW-103D	2013 Comprehensive Sampling	9/10/2013	6.12	6.82	6	0.41	5.8	0	210	21.34	9.2
MW-103D	2014 Comprehensive Sampling	10/17/2014	16.06	6.89	19.8	0.477	5.8	0.02	120	22.48	13.0
MW-103S	2013 Comprehensive Sampling	9/11/2013	18.26	6.39	34.4	0.34	8.03	0	240	20.45	7.0
MW-103S	2014 Comprehensive Sampling	10/17/2014	15.49	6.33	15	0.364	6.24	0.01	155	22.83	6.8
MW-106	2013 Comprehensive Sampling	9/5/2013	17.7	7.11	0	1.83	0	0.1	86	26.14	6.0
MW-106	2014 Comprehensive Sampling	10/17/2014	15.69	6.65	24.8	1.84	5.95	0.09	126	18.36	6.1
MW-107	2013 Comprehensive Sampling	9/6/2013	14.6	6.96	-5	1.39	2.32	0.1	249	23.94	0.5
MW-107	2014 Shutdown Test Event 2	1/20/2014	13.97	7.02	35.9	1.56	2.18	0.1	119	19.36	21.7
MW-107	2014 Shutdown Test Event 7	2/19/2014	13.1	6.7	2.1	1.39	0.46	0.1	200	19.89	17.6
MW-107	2014 Shutdown Test Event 11	3/20/2014	13.12	6.99	0	1.55	1.17		264	19.18	7.0
MW-107	2014 Restart Test Event 4	5/8/2014	14.69	5.95	29	1.13	3.03	0.1	105	19.3	8.2
MW-107	2014 Restart Test Event 6	6/2/2014	14.84	7.07	10	1.06	2.21	0	104	21.58	6.4
MW-107	2014 Restart Test Event 8	7/2/2014	16.28	5.01	83.6	1.3	1.67	0.06	255	23	0.4
MW-107	2014 Restart Test Event 10	8/8/2014	11.03	7.15	1.6	1.28	0.77	0.06	157	23.79	1.0
MW-107	2014 Dry Season Sampling Event 2	9/10/2014	14.9	6.76	47.4	1.07	1.41	0	97	22.16	1.6
MW-107	2014 Dry Season Sampling Event 4	10/7/2014	14.7	6.8	0	1.28	0.42	0.1	112	22.22	3.3
MW-107	2014 Comprehensive Sampling	10/30/2014	11.57	6.8	31.2	1.34	1	0.06	185	22.99	4.2

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-107	2014 Dry Season Sampling Event 9	1/13/2015	12	6.94	1.9	1.32	5.18	0.1	230	21.72	3.6
MW-108D	2014 Comprehensive Sampling	10/21/2014	15.32	7.64	72.5	0.329	0	0.01	20	32.35	57.8
MW-108S	2013 Comprehensive Sampling	9/6/2013	20	4.96	-5	0.088	6.86	0		39.21	11.3
MW-108S	2013 Comprehensive Sampling	9/13/2013	20.6	4.96	-5	0.084	6.83	0		38.11	11.3
MW-108S	2014 Comprehensive Sampling	10/21/2014	17.63	5.19	-5	0.235	5.78	0.01	317	52.07	21.1
MW-109D	2014 Comprehensive Sampling	10/24/2014	16.07	7.15	39.9	0.771	0	0.03	-169	36.72	12.1
MW-109S	2013 Comprehensive Sampling	9/12/2013	16.6	7.07	44.2	0.893	0	0	-102	36.51	85.0
MW-109S	2014 Comprehensive Sampling	10/24/2014	16.56	6.81	40.9	0.715	0.32	0.03	17	37.1	42.5
MW-110	2013 Comprehensive Sampling	9/12/2013	16.8	7.29	39.6	0.593	5.91	0	135	26.52	7.9
MW-110	2014 Comprehensive Sampling	10/22/2014	14.22	6.67	5	0.501	6.24	0.02	263	27.2	6.0
MW-113	2013 Comprehensive Sampling	9/5/2013	20.22	7.39	-5	0.63	0.32	0	107	115.4	22.8
MW-113	2014 Comprehensive Sampling	10/16/2014	16.74	7.33	-5	0.693	0.58	0.03	125	32.91	21.0
MW-114	2014 Shutdown Test Event 11	3/20/2014	17.44	7.07	27.7	1.11	0	0	-163	16.63	22.2
MW-114	2014 Restart Test Event 4	5/7/2014	17.2	7	11.2	1.15	0	0.05	-94	15.63	17.0
MW-114	2014 Restart Test Event 6	6/5/2014	15.35	7.4	20.5	1.12	0	0.1	-128	15.11	8.0
MW-114	2014 Restart Test Event 8	7/2/2014	19.31	7.36	13.5	1.24	0	0.1	-69	18.42	19.1
MW-114	2014 Restart Test Event 10	8/7/2014	19.31	7.53	10.9	1.03	0	0.05	-195	19.84	18.2
MW-114	2014 Dry Season Sampling Event 2	9/10/2014	19	7.25	7.1	1.12	0.92	0.05	-25	21.53	25.5
MW-114	2014 Dry Season Sampling Event 4	10/9/2014	18.25	7.29	3.9	1.12	0	0.1	-60	21.72	26.5
MW-114	2014 Comprehensive Sampling	10/30/2014	15.1	7.31	9.7	0.99	0	0.04	-141	21.53	13.5
MW-114	2014 Dry Season Sampling Event 9	1/16/2015	16.6	7.17	0	1.1	0	0	-48	22.55	26.6
MW-114	2015 Restart Sampling Event 1	2/26/2015	13.4	7.38	1.4	1.2	0.06	0.05	-78	22.66	17.5
MW-114	2015 Restart Sampling Event 2	3/27/2015	16.9	7.3	1.7	1.18	0	0.1	-62	21.54	26.4
MW-114	2015 Restart Sampling Event 3	4/23/2015	16.43	9.04	2.6	1.26	0	0.06	-39	22.34	21.0
MW-116	2013 Comprehensive Sampling	9/4/2013	19.5	6.1	369	2.42	0.68		147	20.24	7.0
MW-116	2014 Comprehensive Sampling	10/15/2014	14.54	6.05	41.2	2.64	0	0.13	250	19.89	24.2
MW-126	RI Part 2 Bldg 58 Initial	7/6/2012	17.3	6.92	3.9	0.531	0	0			21.3
MW-126	2014 Comprehensive Sampling	10/14/2014	14.46	6.89	31.9	0.742	0	0.03	182	26.98	26.2
MW-127	RI Part 2 Bldg 58 Initial	7/6/2012	18.25	7.21	49.9	0.829	0.51	0		27.86	39.8
MW-127	2013 Comprehensive Sampling	9/4/2013	20.6	7.12	615	0.99	0.43		83	27.6	20.0
MW-127	2014 Shutdown Test Event 2	1/21/2014	16.1	7.13	295	1.04	0.85	0	115	23.17	105.0
MW-127	2014 Shutdown Test Event 7	2/18/2014	17	6.98	115	0.9	1.14	0	113	23.2	31.5
MW-127	2014 Shutdown Test Event 11	3/21/2014	16.67	6.85	100	0.95	0.63	0	160	23.06	52.7
MW-127	2014 Restart Test Event 4	5/8/2014	13.7	7.08	106	1.02	0.76	0	122	21.17	54.6
MW-127	2014 Restart Test Event 8	6/30/2014	17.9	7.07	45.5		0	0	122	24.22	51.3
MW-127	2014 Restart Test Event 10	8/7/2014	18.58	7.12	42.2	0.946	0	0	137	25.82	32.5
MW-127	2014 Dry Season Sampling Event 2	9/10/2014	18.9	7.02	26.7	0.72	0	0	98	27.25	24.0
MW-127	2014 Dry Season Sampling Event 4	10/9/2014	18.4	6.99	28.7	0.694	0	0	69	27.36	28.8
MW-127	2014 Comprehensive Sampling	10/14/2014	16.9	6.83	48.4	0.828	0	0.04	140	27.35	23.7
MW-127	2014 Dry Season Sampling Event 5	10/31/2014	16.16	7.3	22.3	0.975	0	0	101	27.9	20.0
MW-127	2014 Dry Season Sampling Event 9	1/16/2015	16.8	7.17	21	0.781	2.25	0	70	26.35	18.0
MW-127	2015 Restart Sampling Event 1	2/27/2015	3.65	7.33	16.5	1.55	0	0.1	123	28.59	11.8

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-127	2015 Restart Sampling Event 2	3/27/2015	14.15	7.03	20.3	0.918	0	0.04	113	24.3	8.3
MW-127	2015 Restart Sampling Event 3	4/23/2015	14.18	7.12	6	0.971	0.18	0.04	101	26.74	10.2
MW-128	RI Part 2 Bldg 58 Initial	7/6/2012	16.15	7.05	87.6	0.91	1.33	0		26.12	74.9
MW-128	2013 Comprehensive Sampling	9/4/2013	17.7	6.9	348	1.23	0.68		80	26.6	25.0
MW-128	2014 Comprehensive Sampling	10/15/2014	14.23	6.63	37.9	1.22	0.8	0.06	251	26.38	25.7
MW-129	RI Part 2 Bldg 58 Initial	7/6/2012	19.8	6.99	48.9	0.644	0	0		24.2	87.0
MW-129	2013 Comprehensive Sampling	9/6/2013	19.48	7.24	45.7	0.688	0	0	-147	22.96	37.2
MW-129	2014 Comprehensive Sampling	10/14/2014	19.34	7.28	22.8	0.736	1.76	0.03	-119	21.76	19.8
MW-130	RI Part 2 W Bldg 2 Corridor Initial	7/2/2012	19.04	7.56	56	1	1.27	0		19.74	83.0
MW-130	2013 Comprehensive Sampling	9/9/2013	19.4	7.17	49.6	0.99	0.62		114	21.25	24.0
MW-130	2014 Comprehensive Sampling	10/14/2014	18.61	7.29	35.5	0.99	2.18	0.04	52	18.41	16.4
MW-131	RI Part 2 W Bldg 2 Corridor Initial	7/5/2012	20.48	6.88	23.2	1.06	0	0		22.17	43.0
MW-131	2013 Comprehensive Sampling	9/6/2013	18.5	6.63	19.3	0.656	1.26	0	207	22.66	23.7
MW-131	2014 Comprehensive Sampling	10/15/2014	18.78	6.64	7.1	0.59	4.31	0.02	99	20.78	9.1
MW-132	RI Part 2 W Bldg 2 Corridor Initial	7/5/2012	21.9	6.57	14.6	0.485	0.49	0			59.5
MW-132	2013 Comprehensive Sampling	9/6/2013	22	7.07	24	0.58	1.69		117	22.05	26.0
MW-132	2014 Shutdown Test Event 11	3/19/2014	18.1	7.35	0	0.463	0.31	0	82	16.6	10.4
MW-132	2014 Restart Test Event 4	5/7/2014	19.48	6.77	40.6	0.35	4.27	0.01	152	13.68	30.5
MW-132	2014 Restart Test Event 6	6/4/2014	21.02	6.86	43	0.39	4.68	0	252	17	27.7
MW-132	2014 Restart Test Event 8	7/2/2014	20.02	6.82	17.2	0.408	3.13	0	149	17.83	28.8
MW-132	2014 Restart Test Event 10	8/7/2014	20.1	7	19.2	0.406	1.22	0.02	121	19.22	29.0
MW-132	2014 Dry Season Sampling Event 2	9/10/2014	20.05	7.16	35	0.49	2.04	0.02	168	21.79	24.7
MW-132	2014 Dry Season Sampling Event 4	10/9/2014	18.88	7.28	32.4	0.507	0	0	110	20.63	23.9
MW-132	2014 Comprehensive Sampling	10/15/2014	19.95	6.99	47.2	0.488	0.7	0.02		20.5	20.8
MW-132	2014 Dry Season Sampling Event 5	10/31/2014	16.75	6.92	5.3	0.415	0.73	0.02	215	20.88	13.0
MW-132	2014 Dry Season Sampling Event 9	1/16/2015	18.5	7.17	22.9	0.394	3.16	0	103	19.4	25.3
MW-132	2015 Restart Sampling Event 1	2/27/2015	16.19	6.93	28.6	0.458	3.57	0.02	345	22.24	24.2
MW-132	2015 Restart Sampling Event 2	3/27/2015	15.42	6.85	28	0.333	3.04	0.01	340	17.82	20.4
MW-132	2015 Restart Sampling Event 3	4/23/2015	18.62	7.94	7.7	0.369	3.84	0.01	92	20.25	22.4
MW-133	RI Part 2 W Bldg 2 Corridor Initial	7/5/2012	22.84	6.84	66.2	0.615	2.44	0		22.34	58.3
MW-133	2013 Comprehensive Sampling	9/6/2013	21.4	6.57	7.1	0.76	0.95		107	22.76	21.5
MW-133	2014 Comprehensive Sampling	10/15/2014	20.61	6.62	0	0.562	0.27	0.02	88	20.48	6.2
MW-134	RI Part 2 W Bldg 2 Corridor Initial	7/5/2012	20.93	6.45	60.8	7.03	0.28	0			45.7
MW-134	2013 Comprehensive Sampling	9/6/2013	20.7	7	18.6	0.99	0.42		117	18.71	21.0
MW-134	2014 Comprehensive Sampling	10/15/2014	19.88	6.89	44.1	0.815	0.87	0.04		17.09	7.1
MW-135	RI Part 2 W Bldg 2 Corridor Initial	7/2/2012	19.9	7.18	40.2	1.48	5.53	0			89.3
MW-135	2013 Comprehensive Sampling	9/9/2013	19.4	6.78	156	1.4	2.85		159	19.7	6.5
MW-135	2014 Comprehensive Sampling	10/16/2014	19.18	6.85	45.4	1.43	2.29	0.07		16.62	12.5
MW-136A	MW-136A Screening Sampling	1/15/2013	15.6	7.29	33.7	0.866	2.43	0.04			308.0
MW-136A	MW-136A Screening Sampling	2/5/2013	15.1	7.39	771	0.588	2.42	0		315.5	317.0
MW-137A	MW-142D Initial Sampling	1/15/2013	15.58	7.42	49.2	1	0	0.04		22.91	42.0
MW-138A	MW-138A Initial Sampling	1/7/2013	15.47	8.76	1000	0.351	2.01	0			412.0

Appendix P
Water Purge Data Summary
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Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-138A	2013 Comprehensive Sampling	9/4/2013	15.87	9.49	299	0.81	1.28	0	-148	307.5	419.5
MW-138A	2014 Comprehensive Sampling	10/22/2014	15.07	9.6	22.3	2.29	1.11		-211	261	376.6
MW-139A	MW-139A initial Sampling	8/27/2012	17.85	8.89	301	0.204	2.09	0.01	-60		450.0
MW-139A	MW-139A initial Sampling	8/30/2012	20.3	8.31	271	0.975	0.08	0.04	-383		450.0
MW-139A	MW-139A Initial Re-Sample	9/21/2012	16.6	7.35	67.8	0.74	2.95	0			975.0
MW-139A	MW-139A Initial Re-Sample	9/24/2012	16.6	7.65	19.4	0.6	4.51	0		190.6	975.0
MW-140A	MW-140A Initial Sampling	9/24/2012	16.6	8.73	78.6	0.48	5.51	0			375.0
MW-140A	MW-140A Initial Sampling	9/24/2012									375.0
MW-141A	MW-141A Initial Sampling	1/7/2013	14.5	8.78	232	0.288	3.11	0		276.95	344.0
MW-141A	2013 Comprehensive Sampling	9/4/2013	14.87	8.89	230	0.234	2.52	0	-7	289.2	373.0
MW-141A	2014 Comprehensive Sampling	10/20/2014	14.16	9.28	297	0.173	2.25		-210	287.8	375.9
MW-141A	2015 2nd Rnd SPBA New Well Sampling	4/14/2015	14.3	8.3	364	0.218	5.2	0	-39	287.8	420.5
MW-142D	MW-142D Initial Re-Sample	2/7/2013	12.75	7.48	13.3	0.333	0	0		46.25	17.5
MW-142D	NPBA and Building 3 Pre-TS Shutdown Sampling	5/30/2013	14.99	7.46	451	0.328	0.33	0		135.47	53.5
MW-142D	2013 Comprehensive Sampling	9/10/2013	18.6	7.41	22.4	0.51	0		-143	23.04	8.0
MW-142D	2014 Comprehensive Sampling	10/13/2014	12.34	6.9	41.4	0.393	0	0.02	-89	11.66	33.4
MW-142S	MW-142S Initial Re-Sample	2/7/2013	13.66	7.18	49.1	0.311	0	0		18.25	25.0
MW-142S	MW-142S Initial Re-Sample	2/14/2013	13.65	7.19	42.1	0.311	0	0		18.32	25.0
MW-142S	NPBA and Building 3 Pre-TS Shutdown Sampling	5/30/2013	14.74	6.84	26.9	0.309	1.52	0		25.28	27.5
MW-142S	2013 Comprehensive Sampling	9/10/2013	20.6	7.14	358	0.55	0		-162	8.41	5.0
MW-142S	2014 Comprehensive Sampling	10/13/2014	12.76	7.27	19.2	0.375	0	0.01	-19	85.3	8.2
MW-143D	MW-143D Initial Re-Sample	2/7/2013	13.45	6.89	9.3	0.233	0	0		19.95	30.0
MW-143D	NPBA and Building 3 Pre-TS Shutdown Sampling	5/31/2013	15.18	6.68	6.4	0.231	0.26	0		21.11	16.5
MW-143D	2013 Comprehensive Sampling	9/9/2013	14.4	6.85	10.3	0.258	0	0	-128	19.75	9.7
MW-143D	2014 Comprehensive Sampling	10/13/2014	11.64	6.77	3.3	0.281	0	0.01	-80	18.16	6.3
MW-143S	MW-143S Initial Re-Sample	2/7/2013	14.42	5.26	33	0.285	2	0		32.9	50.0
MW-143S	NPBA and Building 3 Pre-TS Shutdown Sampling	5/30/2013	15.2	4.66	37.5	0.272	2.26	0		36.69	68.0
MW-143S	2013 Comprehensive Sampling	9/9/2013	15.1	4.85	26.5	0.292	0.86	0	338	38.68	37.3
MW-143S	2014 Comprehensive Sampling	10/14/2014	13.2	4.94	-5	0.282	1.11	0.01	295	37.89	4.1
MW-144	2013 Comprehensive Sampling	9/18/2013	16.96	7.13	22.2	0.825	0		-73	22	4.5
MW-144	2014 Comprehensive Sampling	10/13/2014	14.1	7.04	15.6	0.544	0	0	87	21.84	6.7
MW-145A	MW-145A Initial Sampling	2/5/2013	13.74	7.19	203	0.777	0	0		20.26	97.5
MW-145A	2013 Comprehensive Sampling	9/17/2013	13.97	7.27	34.1	0.812	0	0.04	129	21.93	50.3
MW-145A	2014 Shutdown Test Event 2	1/30/2014	13.05	7.02	10.1	0.968	0	0	-30	20.22	22.3
MW-145A	2014 Shutdown Test Event 7	2/24/2014	12.69	7.33	10.9	0.81	0.88	0.39	43	17.82	19.0
MW-145A	2014 Shutdown Test Event 11	3/17/2014	13.2	6.94	23	0.9	0	0.1	88	19.22	31.4
MW-145A	2014 Restart Test Event 4	5/7/2014	9.78	6.92	5.4		0.81	0	111	18.57	19.3
MW-145A	2014 Restart Test Event 6	6/4/2014	10.68	7	8.6	0.99	0	0	46	20.18	16.1
MW-145A	2014 Restart Test Event 8	6/30/2014	11.24	6.96	27.9	0.817	0.24	0	31	20.55	15.5
MW-145A	2014 Restart Test Event 10	8/5/2014	13.24	7.09	47.6	0.91	0	0	-9	21.05	19.2
MW-145A	2014 Dry Season Sampling Event 2	9/8/2014	14.2	7.02	49.2	0.803	0	0	23	21.44	33.5
MW-145A	2014 Dry Season Sampling Event 4	10/6/2014	14	7.01	46	0.808	0	0	19	21.58	19.5

Appendix P
Water Purge Data Summary
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Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-145A	2014 Comprehensive Sampling	10/30/2014	13.79	7.08	5.6	0.9	0	0.05	-27	22.19	36.5
MW-145A	2014 Dry Season Sampling Event 9	1/15/2015	13.1	7.09	25.3	0.955	0	0	-63	21.37	20.0
MW-145A	2015 Restart Sampling Event 1	2/25/2015	-0.43	7.06	0	1.5	0	0.1	-14	22.71	16.5
MW-145A	2015 Restart Sampling Event 2	3/24/2015	10.42	7.08	21.1	1	0	0.04	76	21.26	11.8
MW-145A	2015 Restart Sampling Event 3	4/20/2015	11.12	7.19	17.4	1.05	0	0.05	59	22	33.9
MW-146	2013 Comprehensive Sampling	9/17/2013	15.43	7.02	0	0.98			110	22.04	19.5
MW-146	2014 Comprehensive Sampling	10/14/2014	15.09	6.58	9.8	0.897	1.36	0.44	129	21.86	16.8
MW-147A	2013 Comprehensive Sampling	9/17/2013	13.45	7.1	38	0.787	0	0.03	-71	19.7	10.4
MW-147A	2014 Shutdown Test Event 2	1/23/2014	12.95	7.06	25.9	0.832	0	0.04	-135	17.15	34.5
MW-147A	2014 Shutdown Test Event 7	2/24/2014	12.06	7.69	15.9	0.976	0.6	0.48	41	14.8	3.6
MW-147A	2014 Shutdown Test Event 11	3/19/2014	12.2	7.13	0	1.25	6.14	0.1	137	16.99	5.3
MW-147A	2014 Shutdown Test Event 3	4/21/2014	9.22	6.96	48.7	0.9	0.94	0.1	110	17.25	3.3
MW-147A	2014 Restart Test Event 4	5/6/2014	13.11	6.71	43	1.11	0.76	0.05	168	15.74	12.0
MW-147A	2014 Restart Test Event 5	5/19/2014	13.28	7.34	6	1.02	0.01	0	155	16.41	3.3
MW-147A	2014 Restart Test Event 6	6/3/2014	14.5	7.17	71.3	0.93	0.01	0	143	18.06	9.8
MW-147A	2014 Restart Test Event 8	7/1/2014	12.07	7.07	0	0.916	0.27	0	158	18.46	5.9
MW-147A	2014 Restart Test Event 9	7/14/2014	14.6	6.69	8.8	0.93	0.01	0.04	250	19.03	4.5
MW-147A	2014 Restart Test Event 10	8/5/2014	15.57	7.06	0	0.999	0.49	0	114	19.1	6.6
MW-147A	2014 Dry Season Sampling Event 2	9/8/2014	14.5	7.08	32.3	0.9	0	0	139	19.47	3.9
MW-147A	2014 Dry Season Sampling Event 4	10/6/2014	14.8	7.17	8.3	0.787	0	0	44	19.58	4.6
MW-147A	2014 Comprehensive Sampling	10/28/2014	13.9	7.02	0	0.819	0	0	8	19.88	5.2
MW-147A	2014 Dry Season Sampling Event 9	1/14/2015	11.9	7.16	0	0.933	0	0	49	19.28	6.0
MW-147A	2015 Restart Sampling Event 1	2/25/2015	11.7	7.25	0	0.915	0	0	142	21.01	5.4
MW-147A	2015 Restart Sampling Event 2	3/25/2015	9.4	7.08	0	1.01	0	0.04	349	19.35	5.4
MW-147A	2015 Restart Sampling Event 3	4/21/2015	12.28	7.2	0	1.05	0	0.05	196	20.08	3.9
MW-151	2014 Comprehensive Sampling	10/28/2014	14.62	7.04	8.8	0.992	5.99	0.04	149	30.55	9.6
MW-155	2013 Comprehensive Sampling	9/19/2013	13.9	7.03	201	1.38	9.59	0.1	-27	20.59	150.0
MW-155	2013 Comprehensive Sampling	9/20/2013	13.9	7.03	20.1	1.39	7.06	0.1	-35	20.61	150.0
MW-155	2013 Comprehensive Sampling	10/8/2013	13.82	6.59	23.9	1.26	0	0.06	-100	25.7	3.2
MW-155	2014 Comprehensive Sampling	10/13/2014	13.8	6.6	14.1	1.12	0	0.1	-23	19.38	14.8
MW-156	2013 Comprehensive Sampling	9/20/2013	15.7	7.12	288	1.09	7.11	0	-2	20.22	132.5
MW-156	2013 Comprehensive Sampling	10/9/2013	13.82	6.88	0	0.872	0	0.04	-52	13.4	4.3
MW-156	2014 Comprehensive Sampling	10/14/2014	14.4	6.84	19.5	0.9	0	0	3	12.89	6.5
MW-161	2015 Initial SPBA New Well Sampling	3/17/2015	11.77	7.15	16.6	0.474	8.24	0.02	288	59.63	15.7
MW-161	2015 2nd Rnd SPBA New Well Sampling	4/9/2015	13.76	7.44	11.2	0.428	8.01	0.02	219	60.92	24.0
MW-162	2015 Initial SPBA New Well Sampling	3/17/2015	12.19	8.41	153	0.287	9.25	0.01	193		6.8
MW-162	2015 2nd Rnd SPBA New Well Sampling	4/9/2015	13.5	9.07	360	0.264	8.43	0.01	171	50.83	5.0
MW-163	2015 Initial SPBA New Well Sampling	3/17/2015	11.12	5.85	16.4	0.365	10.28	0.01	337	29.19	32.9
MW-163	2015 2nd Rnd SPBA New Well Sampling	4/8/2015	12.81	6.05	39.7	0.359	10.17	0.01	290	31.89	43.2
MW-164	2015 Initial SPBA New Well Sampling	3/16/2015	10.72	5.29	16.4	5.72	8.8	0.3	304	36.47	21.0
MW-164	2015 2nd Rnd SPBA New Well Sampling	4/8/2015	12.73	5.59	3.7	4.39	8.07	0.22	162	39.17	12.1
MW-165	2015 Initial SPBA New Well Sampling	3/16/2015	11.52	7	677	1.15	1.74	0.05	245	64.15	12.0

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-165	2015 2nd Rnd SPBA New Well Sampling	4/9/2015	13.75	6.93	1000	1.7	4.14	0.08	227	65.73	11.1
MW-166	2015 Initial SPBA New Well Sampling	3/2/2015	14.2	5.52	220	0.302	5.89	0	312		3.0
MW-166	2015 2nd Rnd SPBA New Well Sampling	3/24/2015	12.49	5.6	171	0.231	5.44	0.01	297		8.0
MW-167	2015 Initial SPBA New Well Sampling	3/2/2015	14.6	5.73	391	0.255	8.16	0	268		6.9
MW-167	2015 2nd Rnd SPBA New Well Sampling	3/18/2015	11.21	6.09	-5	0.263	11.09	0.01	361		10.0
MW-167	2015 2nd Rnd SPBA New Well Sampling	3/25/2015	12.76	6.04	195	0.243	10.68	0.01	324		10.0
MW-168	2015 Initial SPBA New Well Sampling	3/3/2015	15.5	6.16	787	1.77	6.42	0.1	246		9.5
MW-168	2015 2nd Rnd SPBA New Well Sampling	3/24/2015	13.58	5.61	-5	0.214	7.84	0.01	333	35.28	12.5
MW-169	2015 Initial SPBA New Well Sampling	3/18/2015	12.57	5.02	7.8	0.356	6.63	0.01	333	32.4	16.2
MW-169	2015 2nd Rnd SPBA New Well Sampling	3/29/2015	15.43	4.94	24.7	0.322	6.23	0.01	325	29.89	17.0
MW-169	2015 2nd Rnd SPBA New Well Sampling	4/10/2015	15.56	4.93	22.6	0.321	6.17	0.01	329	29.91	17.0
MW-170	2015 Initial SPBA New Well Sampling	3/3/2015	12.4	5.59	-5	0.547	10.12	0	293		0.2
MW-170	2015 2nd Rnd SPBA New Well Sampling	3/24/2015	12.32	5.86	655	0.577	7.31	0.02	349	28.72	4.0
MW-171	2015 Initial SPBA New Well Sampling	3/3/2015	14	6.57	268	2.16	0.32	0.1	-151		9.1
MW-171	2015 2nd Rnd SPBA New Well Sampling	3/25/2015	11.73	7.04	5.6	1.83	0	0.08	-221	36.69	21.5
MW-172	2015 Initial SPBA New Well Sampling	3/2/2015	15.1	5.38	358	0.682	5.64	0	285		2.2
MW-172	2015 2nd Rnd SPBA New Well Sampling	3/25/2015	12.62	5.35	86.9	0.813	7.58	0.03	303		7.3
MW-173	2015 Initial SPBA New Well Sampling	3/2/2015	14.7	5.28	258	0.613	3.46	0	280		7.8
MW-173	2015 2nd Rnd SPBA New Well Sampling	3/24/2015	12.66	5.39	472	0.508	4.99	0.02	310		11.0
MW-174	2015 Initial SPBA New Well Sampling	3/2/2015	11.8	6.83	-5	1.06	5.9	0	297	29.6	1.0
MW-174	2015 2nd Rnd SPBA New Well Sampling	3/24/2015	10.61	6.99	-5	0.981	6.98	0.04	354	28.93	3.5
MW-175	2015 Initial SPBA New Well Sampling	3/2/2015	13.5	5.91	-5	0.575	6.8	0	356	28.21	0.5
MW-175	2015 2nd Rnd SPBA New Well Sampling	3/24/2015	10.77	5.92	-5	0.484	7.27	0.02	405	26.19	3.3
CW-1	2013 Comprehensive Sampling	9/16/2013	18.5	6.18	221	0.262	8.57	0	5		152.0
CW-1	2014 Comprehensive Sampling	10/13/2014	15.61	6.49	161	0.365	6.98	0.01	34		225.0
CW-1A	2013 Comprehensive Sampling	9/16/2013	18.8	5.08	32	0.503	9.93	0	206		59.0
CW-1A	2014 Comprehensive Sampling	10/14/2014	15.8	5.5	175	0.645	7.87	0.03	270		99.0
CW-2	2013 Comprehensive Sampling	9/16/2013	18.2	6.49	730	1.38	7.19	0.1	25		152.0
CW-2	2014 Comprehensive Sampling	10/14/2014	15.67	6.68	298	0.827	3.02	0.04	58		
CW-3	2013 Comprehensive Sampling	9/16/2013	16.1	6.67	76.9	0.458	8.58	0	-54		826.0
CW-3	2014 Comprehensive Sampling	10/15/2014	15.04	6.47	82.8	0.469	6.09	0.02	-42		293.0
CW-4	2013 Comprehensive Sampling	9/16/2013	17.5	6.78	269	0.421	6.39	0	-61		1047.0
CW-4	2014 Comprehensive Sampling	10/14/2014	15.58	6.64	840	0.404	4.52	0.02	-5		319.0
CW-5	2013 Comprehensive Sampling	9/16/2013	17.2	6.68	444	0.413	9.04	0	7		212.0
CW-5	2014 Comprehensive Sampling	10/16/2014	16.8	6.49	257	0.41	8.2	0.02	107		130.0
CW-6	2013 Comprehensive Sampling	9/16/2013	15.1	6.66	342	0.414	7.17	0	-36		930.0
CW-6	2014 Comprehensive Sampling	10/16/2014	14.23	6.42	-5	0.502	5.59	0.02	-2		295.0
CW-7	2013 Comprehensive Sampling	9/16/2013	18.1	6.02	136	0.14	10.97	0			292.0
CW-7	2014 Comprehensive Sampling	10/15/2014	15.7	5.72	254	0.139	8.82	0.01	187		239.0
CW-7A	2013 Comprehensive Sampling	9/16/2013	18.5	5.33	815	0.402	8.66	0	173		270.0
CW-7A	2014 Comprehensive Sampling	10/15/2014	15.67	5.59	444	0.532	10.14	0.02	164		95.0
CW-8	2013 Comprehensive Sampling	9/16/2013	15.5	7.49	25.3	1.41	4.07	0.1	109		

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
CW-8	2014 Comprehensive Sampling	10/30/2014	13.4	7.3	38.9	0.99	0	0.04	-28	19.96	42.5
CW-9	2013 Comprehensive Sampling	9/18/2013	15.7	7.07	0	1.12	1.51	0.1	205		
CW-9	2014 Shutdown Test Event 2	1/23/2014	15	7.62	146	1.67	8.2	0.1	271		965.0
CW-9	2014 Shutdown Test Event 7	2/21/2014	15.7	8.03	246	1.32	5.54		211		903.0
CW-9	2014 Restart Test Event 4	5/7/2014	14.98	7.3	8.3	1.46	6.93	0.1	256		790.0
CW-9	2014 Restart Test Event 6	6/5/2014	15.7	7.41	5.4	1.47	5.41	0.07	233		797.0
CW-9	2014 Dry Season Sampling Event 2	9/10/2014	18.62	7.27	3.9	1.03	4.98	0	115		776.0
CW-9	2014 Comprehensive Sampling	10/31/2014	12.24	7.42	8.8	1.03	3.62	0.05	94		735.0
CW-9	2014 Dry Season Sampling Event 9	1/20/2015	14.54	6.93	4.7	1.39	6.93	0.06	226		1605.0
CW-9	2015 Restart Sampling Event 1	2/25/2015	11.8	7.41	2.1	1.17	4.54	0.05	246		
CW-9	2015 Restart Sampling Event 2	3/25/2015	13.14	7.46	1.7	1.33	9.15	0.1	163		
CW-9	2015 Restart Sampling Event 3	4/15/2015	16.29	7.32	2.3	0.96	7.29	0	249		
CW-13	2013 Comprehensive Sampling	9/16/2013	15.2	7.24	16.3	1.18	3.7	1	136		
CW-13	2014 Shutdown Test Event 2	1/23/2014	14.39	7.49	0.3	1.63	7.12	0.1	190		1298.0
CW-13	2014 Shutdown Test Event 7	2/21/2014	14.07	7.63	0	1.42	7.86		234		1240.0
CW-13	2014 Restart Test Event 4	5/7/2014	15.58	7.19	4.7	1.71	7.41	0.1	301		1126.0
CW-13	2014 Restart Test Event 6	6/5/2014	16.01	7.33	7.1	1.79	8.19		0		1109.0
CW-13	2014 Restart Test Event 10	8/5/2014	15.83	7.23	8.6	1.48	6.11	0.01	158		1134.0
CW-13	2014 Dry Season Sampling Event 2	9/10/2014	18.09	7.25	6.8	1.31	4.83	0.1	165		1232.0
CW-13	2014 Comprehensive Sampling	10/30/2014	13.31	7.08	0	1.65	4.87	0.08	230		1394.0
CW-13	2014 Dry Season Sampling Event 9	1/20/2015	14.99	7.05	6	1.69	5.8	0.08	142		5349.0
CW-13	2015 Restart Sampling Event 1	2/25/2015	12.33	7.3	0.8	1.2	7.11	0.05	256		
CW-13	2015 Restart Sampling Event 2	3/25/2015	14.1	7.21	2	1.24	7.67	0.1	190		
CW-13	2015 Restart Sampling Event 3	4/22/2015	16.28	7.32	2.9	1.76	5.86	0.1	253		
CW-15A	2013 Comprehensive Sampling	9/16/2013	18.8	7.05	34.1	2.04	1.36	0.1	28		
CW-15A	2014 Shutdown Test Event 2	1/23/2014	14.59	7.39	18.1	0.9	5.14	0	196		312.0
CW-15A	2014 Shutdown Test Event 7	2/21/2014	13.3	7.68	18.1	0.787	5.31		243		294.0
CW-15A	2014 Restart Test Event 4	5/7/2014	14.97	7.44	6.1	0.508	8.75	0	72		288.0
CW-15A	2014 Restart Test Event 6	6/5/2014	16.4	7.61	19.4	0.635	8.56	0.03	176		303.0
CW-15A	2014 Restart Test Event 10	8/5/2014	17.69	7.36	27.1	0.642	6.65	0.03	106		334.0
CW-15A	2014 Restart Test Event 10	8/5/2014	17.69	7.36	27.1	0.642	6.65	0.03	106		
CW-15A	2014 Dry Season Sampling Event 2	9/10/2014	19.9	7.39	58.3	0.9	6.62	0	58		307.0
CW-15A	2014 Comprehensive Sampling	10/30/2014	14.82	7.17	2.7	0.825	6.34	0.04	86		332.0
CW-15A	2014 Dry Season Sampling Event 9	1/20/2015	14.87	7.51	16.5	0.964	8.68	0.04	84		288.0
CW-15A	2015 Restart Sampling Event 1	2/25/2015	12.71	7.52	4.3	1.78	10.1	0.08	210		
CW-15A	2015 Restart Sampling Event 2	3/25/2015	15.11	7.33	4.8	1.82	10.06	0.1	151		
CW-15A	2015 Restart Sampling Event 3	4/22/2015	17.78	6.55	2.9	1.63	9.3	0.1	258		
CW-17	2014 Shutdown Test Event 7		13.7	7.63	1.6	1.37	7.1		241		813.0
CW-17	2013 Comprehensive Sampling	9/16/2013	14.6	6.72	27.1	0.875	5.17	0	149		
CW-17	2014 Shutdown Test Event 2	1/23/2014	14.71	7.35	0.5	1.48	5.99	0.1	243		871.0
CW-17	2014 Restart Test Event 4	5/7/2014	14.78	7.25	4.7	1.21	7.95	0.1	270		734.0
CW-17	2014 Restart Test Event 6	6/5/2014	14.96	7.24	4.3	1.34	6.09	0.06	200		806.0

Appendix P
Water Purge Data Summary
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Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
CW-17	2014 Restart Test Event 10	8/5/2014	15.4	7.18	8.9	1.36	4.67	0.06	89		768.0
CW-17	2014 Dry Season Sampling Event 2	9/10/2014	17.03	7.1	5.4	0.96	3.21	0	90		810.0
CW-17	2014 Comprehensive Sampling	10/31/2014	12.53	7.18	0	1.14	6.1	0.05	145		743.0
CW-17	2014 Dry Season Sampling Event 9	1/20/2015	14.8	7.07	14.7	1.22	7.2	0.05	159		2667.0
CW-17	2015 Restart Sampling Event 2	3/25/2015	13.6	7.49	1.1	0.98	9.45	0	194		
CW-17	2015 Restart Sampling Event 3	4/22/2015	15.7	7.6	25.4	0.999	7.72	0.1	243		
CW-18	2014 Shutdown Test Event 2	1/23/2014	16.79	7.34	35.4	1.98	0	0.1	-205	21.07	18.0
CW-18	2014 Shutdown Test Event 7	2/26/2014	16.83	7.89	22.4	1.484	0.25	0.74	-202	18.42	5.7
CW-18	2014 Shutdown Test Event 11	3/19/2014	15	7.3	0	1.68	0	0.1	-143	20.73	3.5
CW-18	2014 Restart Test Event 4	5/8/2014	19.33	7.18	96.7	1.67	0	0.08	-158	19.04	18.4
CW-18	2014 Restart Test Event 8	7/8/2014	18.66	7.31	73.3	1.71	0	0.1	-169	23.48	44.4
CW-18	2014 Restart Test Event 10	8/6/2014	19.17	7.19	60.4	1.48	0	0	-186	24.34	89.8
CW-18	2014 Dry Season Sampling Event 2	9/10/2014	18.2	7.14	46.7	1.39	0	0.1	-170	25.52	24.8
CW-18	2014 Dry Season Sampling Event 2	9/10/2014	18.3	7.12	36.6	1.41	0	0.1	-165	25.52	24.8
CW-18	2014 Dry Season Sampling Event 4	10/9/2014	18.3	7.23	48.1	1.59	0	0.1	-181	25.38	12.2
CW-18	2014 Comprehensive Sampling	10/30/2014	14.89	7.3	5.8	1.5	0	0.07	-166	25.9	14.3
CW-18	2014 Dry Season Sampling Event 9	1/16/2015	16.3	7.17	38.7	1.7	0	0.1	-160	24.33	10.5
CW-18	2015 Restart Sampling Event 1	2/26/2015	14.4	7.28	30.2	2.07	0.54	0.1	-153	26.49	9.0
CW-18	2015 Restart Sampling Event 2	3/27/2015	13.84	7	0	1.91	0	0.09	-141	22.21	7.1
CW-18	2015 Restart Sampling Event 3	4/22/2015	14.62	7.36	6.7	1.82	0	0.09	-203	24.12	15.9
CW-20	2013 Comprehensive Sampling	9/6/2013	14.7	7.53	12.9	0.966	0	0	-44	24.69	12.5
CW-20	2014 Shutdown Test Event 2	1/29/2014	11.18	7.65	8.8	0.895	0	0	-251	17.4	1.7
CW-20	2014 Shutdown Test Event 7	2/19/2014	13.7	7.43	505	0.999	0.05	0.1	-150	17.11	10.7
CW-20	2014 Restart Test Event 4	5/7/2014	14.63	6.57	10	1.16	6.08	0.1	338		
CW-20	2014 Restart Test Event 6	6/5/2014	14.71	7.12	2.8	1.17	7.72	0.05	284		
CW-20	2014 Restart Test Event 10	8/5/2014	14.64	7.2	9.9	1.01	3.57	0.04	215		
CW-20	2014 Dry Season Sampling Event 2	9/10/2014	17.04	7	68.4		4.51	0.1	152		2080.0
CW-20	2014 Comprehensive Sampling	10/31/2014	12.24	7.42	8.8	1.03	3.62	0.05	94		2138.0
CW-20	2014 Dry Season Sampling Event 9	1/20/2015	13.06	7.15	17.3	1	7.41	0.04	93		4969.0
CW-20	2015 Restart Sampling Event 1	2/25/2015	11.14	7.59	5.7	1.05	8.14	0.05	230		
CW-20	2015 Restart Sampling Event 2	3/25/2015	13.14	7.48	1.2	1.16	8.85	0.1	177		
CW-20	2015 Restart Sampling Event 3	4/22/2015	15.45	7.5	2.7	0.9	5.28	0.1	245		
Cole (Flush)	2012 Cole Steel Sampling	9/25/2012	21.6	6.71	1.1	0.81	7.66	0		10.61	1.5
Cole (Flush)	2013 Comprehensive Sampling	9/13/2013	19.37	7.18	0	0.91	5.93	0	189	12.45	2.8
Cole (Flush)	2014 Comprehensive Sampling	10/24/2014	15.82	6.94	22.5	0.96	6.11	0.04	396	13.33	4.1
Cole F	2013 Comprehensive Sampling	9/19/2013	17	7.03	6.2	0.92	2.67		140	20.22	1.5
Cole F	2014 Comprehensive Sampling	10/28/2014	15	7.09	0	0.858	2.67	0.04	88	21.56	17.1
Cole D	2013 Comprehensive Sampling	9/13/2013	14.37	7.36	43	0.709	1.72	0	138	17.88	6.3
Cole D	2014 Comprehensive Sampling	10/24/2014	11.9	7.11	9.3	0.785	1.98	0.03	395	19.91	5.2
Cole B	2012 Cole Steel Sampling	9/25/2012	17.5	6.72	2.6	0.45	4.51	0		12.15	1.2
Cole B	2013 Comprehensive Sampling	9/13/2013	19.1	6.89	0	0.533	6.04	0	159	13.93	1.6
Cole B	2014 Comprehensive Sampling	10/24/2014	13.76	6.64	16.4	0.669	4.37	0.03	401	14.76	4.5

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
Cole Steel	2012 Cole Steel Sampling	9/25/2012	21.8	8.08	0	0.69	3.89	0		10.71	0.4
Cole Steel	2013 Comprehensive Sampling	9/18/2013	19.2	7.38	0	0.99	5.37		154	17.58	4.0
Cole Steel	2014 Comprehensive Sampling	10/24/2014	17.73	7.69	39.8	3.02	2.17	0.15	91	17.84	3.3
GM-1D	2012 Cole Steel Sampling	9/25/2012	20.1	7.4	58.1	0.69	5.56	0		14.49	1.6
GM-1D	2013 Comprehensive Sampling	9/19/2013	19.2	7.53	0	0.855	1.92	0	153	16.66	2.1
GM-1D	2014 Comprehensive Sampling	10/21/2014	19.2	7.32	4.9	0.671	2.14	0.03	283	17.18	5.0
MW-4 (Cole)	2013 Comprehensive Sampling	9/19/2013	17.3	5.2	1	0.71	10.71		262	17.69	1.0
MW-4 (Cole)	2014 Comprehensive Sampling	10/24/2014	15.13	5.23	26.5	0.517	9.45	0.02	451	18.35	4.5
FOLK (RW-4)	NPBA and Building 3 Pre-TS Shutdown Sampling	5/30/2013	14.51	5.28	262	0.226	6.03	0.01			79.8
FOLK (RW-4)	2014 Comprehensive Sampling	10/24/2014	13.48	4.84	130	0.156	7.14		300		260.9
Lift Station Deep Foundation	2013 Comprehensive Sampling	9/16/2013	17.2	7.12	17.4	0.527	8.01	0	469	25.49	
MW-136A (270-348)	2013 Comprehensive Sampling	10/3/2013	21.1	8.71	27.76	0.313	1	0.01		24.3	2.9
MW-136A (270-348)	2013 Fall Waterloo Re-Check	11/8/2013	11.8	8.83		0.309	0.26	0		23.73	5.1
MW-136A (270-348)	August 2014 Vertical Extent Sampling	8/15/2014	17.5	9.1	20.6	0.294	0.22	0	-151	19.72	5.4
MW-136A (270-348)	2014 Comprehensive Sampling	10/29/2014	13.99	9.41	7.4	0.376	0	0	-59	20.7	9.0
MW-136A (356-356.5)	MW-136A Screening Sampling	9/12/2013	20.9	7.53	30.3	0.735	0	0			3.5
MW-136A (356-356.5)	2013 Comprehensive Sampling	10/2/2013	16.89	7.47	0	0.611	0	0.03			1.9
MW-136A (356-356.5)	2013 Fall Waterloo Re-Check	12/4/2013	14.6	7.33	5.6	0.9	0	0	-146		1.8
MW-136A (356-356.5)	2014 Comprehensive Sampling	10/23/2014	14.72	7.53	2.1	0.95	0	0	-122		2.0
MW-136A (372.5-373)	MW-136A Screening Sampling	9/12/2013	18.9	7.48	23.3	0.74	0	0			3.5
MW-136A (372.5-373)	2013 Comprehensive Sampling	10/2/2013	16.43	7.39	20.4	0.612	0	0.03			2.2
MW-136A (372.5-373)	2013 Fall Waterloo Re-Check	12/4/2013	14	7.37	1.3	1	0	0	-137		1.8
MW-136A (372.5-373)	August 2014 Vertical Extent Sampling	8/14/2014	16.9	7.5	21.4	0.654	0	0	-129		1.5
MW-136A (372.5-373)	2014 Comprehensive Sampling	10/23/2014	14.56	7.48	0.5	0.95	0	0	-79		1.6
MW-136A (434-434.5)	MW-136A Screening Sampling	9/13/2013	18.6	7.75	1000	22.9	0	0			10.5
MW-136A (434-434.5)	2013 Comprehensive Sampling	10/1/2013	18.18	7.66	731	0.473	0	0.02			3.8
MW-136A (434-434.5)	2013 Fall Waterloo Re-Check	12/5/2013	14.7	7.56	78.3	0.63	0	0	-189		2.0
MW-136A (434-434.5)	August 2014 Vertical Extent Sampling	8/14/2014	17.2	7.52	38.1	0.482	0	0	-150		1.7
MW-136A (434-434.5)	2014 Comprehensive Sampling	10/22/2014	13.94	7.61	145	0.62	0	0	-181		1.4
MW-136A (459.5-460)	2013 Fall Waterloo Re-Check	12/5/2013	15.2	6.65	99.5	0.54	1.86	0	-137		0.8
MW-136A (459.5-460)	August 2014 Vertical Extent Sampling	8/14/2014	18.6	6.94	1000	0.696	10.87	0	-114		0.7
MW-137A (295.5-296)	2013 Comprehensive Sampling	9/25/2013	13.8	8.1	0	0.672	1.41	0.03	105		1.3
MW-137A (295.5-296)	2013 Comprehensive Sampling	9/26/2013	18.5	7.43	38.5	0.751	0.52	0.03	52		6.0
MW-137A (295.5-296)	2013 Comprehensive Sampling	10/8/2013	19.6	7.41	324	0.73	0	0.03	28		6.2
MW-137A (295.5-296)	2013 Fall Waterloo Re-Check	11/7/2013	16.8	7.34	0	0.717	0	0			8.0
MW-137A (295.5-296)	August 2014 Vertical Extent Sampling	8/20/2014	18.4	7.21	13.4	1.12	0.41	0	-8		8.3
MW-137A (295.5-296)	2014 Comprehensive Sampling	10/21/2014	20.72	6.15	4.4	0	0.51		125		12.5
MW-137A (343-343.5)	MW-137A Initial Sampling	9/30/2013	19.62	7.15	-5	0.779	0.4	0.03	-39		
MW-137A (343-343.5)	August 2014 Vertical Extent Sampling	8/15/2014	16.9	7.51	1.3	0.776	0	0	-171		2.0
MW-137A (343-343.5)	August 2014 Vertical Extent Sampling	8/19/2014	29	6.98	398	0.629	7.37	0	-117		1.1
MW-137A (343-343.5)	2014 Comprehensive Sampling	10/20/2014	18.03	7.17	37	0.893	1.18	0	-130		1.0

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-137A (374.5-375)	2013 Comprehensive Sampling	9/30/2013	19.05	7.98	525	0.42	0.41	0.02	-235		2.6
MW-137A (374.5-375)	2014 Comprehensive Sampling	10/20/2014	14.23	6.98	4.5	0.637	2.74	0	-146		0.8
MW-137A (420-420.5)	2013 Comprehensive Sampling	9/20/2013	12.9	7.43	1.6	0.551	2	0.02	-243		0.2
MW-137A (420-420.5)	August 2014 Vertical Extent Sampling	8/18/2014	27.3	6.25	21.8	0.469	8.7	0	-62		0.5
MW-137A (420-420.5)	2014 Comprehensive Sampling	10/17/2014	21.41	6.65	0.9	0.483	2.3	0	-83		0.7
MW-137A (434.5-435)	2013 Comprehensive Sampling	9/20/2012	12.9	7.09	32.1	3.64	0	0.18	-321		2.4
MW-137A (434.5-435)	MW-137A Waterloo Initial Sampling	8/30/2013	25.7	7.18	35.3	0.9	0.14	0			
MW-137A (434.5-435)	2013 Comprehensive Sampling	9/20/2013	12.9	7.1	31.5	3.68	0	0.19	-325		2.4
MW-137A (434.5-435)	2013 Fall Waterloo Re-Check	11/6/2013	19.6	6.97	1000	4.14	0	0.2			1.5
MW-137A (434.5-435)	August 2014 Vertical Extent Sampling	8/18/2014	31.2	6.75	203	3.22	0.47	0.2	-121		1.3
MW-137A (434.5-435)	2014 Comprehensive Sampling	10/17/2014	19.39	7.04	391	4.56	0	0.2	-178		2.0
MW-139A (333.5-334)	MW-139A Waterloo Initial Sampling	8/20/2013	20.41	6.82	571	0.754	0.67	0			0.5
MW-139A (333.5-334)	2013 Comprehensive Sampling	10/4/2013	13.5	7.57	29.8	0.5	0.37	0.02	-271		1.0
MW-139A (333.5-334)	2014 Comprehensive Sampling	10/16/2014	17.8	7.36	18.5	0.597	0	0	-221		1.4
MW-139A (365-365.5)	MW-139A Waterloo Initial Sampling	8/21/2013	20.82	7.23	1000	0.609	0	0			0.8
MW-139A (365-365.5)	MW-139A Waterloo Initial Sampling	8/29/2013	22.4	7.95	1000	0.519	11.89	0			0.8
MW-139A (365-365.5)	2013 Comprehensive Sampling	9/18/2013	13.1	7.66	-5	0.336	0	0.01	-226		1.4
MW-139A (365-365.5)	2014 Comprehensive Sampling	10/15/2014	20.62	7.23	782	0.458	0	0	-188		1.7
MW-139A (421.5-422)	MW-139A Waterloo Initial Sampling	8/20/2013	19.27	7.3	758	0.301	0	0			2.5
MW-139A (421.5-422)	2013 Comprehensive Sampling	9/18/2013	12.8	7.52	642	0.183	0	0.01	-184		2.9
MW-139A (421.5-422)	2014 Comprehensive Sampling	10/16/2014	19.42	6.84	3.5	0.214	0.17		-274		1.9
MW-139A (454-454.5)	MW-139A Waterloo Initial Sampling	8/20/2013	19.1	6.64	1000	0.344	0	0			0.8
MW-139A (454-454.5)	2013 Comprehensive Sampling	9/18/2013	12.8	7.55	-5	0.374	0	0.02	-89		1.0
MW-140A (209.5-210)	MW-140A Initial Sampling	8/26/2013	20.5	7.96	1000	0.97	9.51	0			0.5
MW-140A (209.5-210)	2014 Comprehensive Sampling	10/14/2014	23.08	8.05	60.6	1.13	3.3	0.1	-179		0.4
MW-140A (285-285.5)	MW-140A Waterloo Initial Sampling	8/26/2013	21.2	7.66	414	0.94	7.75	0			0.8
MW-140A (285-285.5)	2013 Comprehensive Sampling	9/27/2013	14.3	7.68	-5	1.12	0.79	0.05	0		0.5
MW-140A (323.5-324)	MW-140A Waterloo Initial Sampling	8/26/2013	19.9	6.67	1000	1.55	9.77	0.1			1.0
MW-140A (323.5-324)	2013 Comprehensive Sampling	9/27/2013	12.9	6.71	76	2.08	0.35	0.1	-142		0.3
MW-140A (323.5-324)	2014 Comprehensive Sampling	10/14/2014	20.99	5.32	209	2.34	1.26	0.1	-84		0.4
MW-140A (372-372.5)	MW-140A Waterloo Initial Sampling	8/26/2013	20.1	7.6	1000	0.401	8.65	0			0.8
MW-140A (372-372.5)	2013 Comprehensive Sampling	9/27/2013	13.5	7.57	998	0.199	0.24	0.01	-125		0.8
MW-140A (372-372.5)	2013 Fall Waterloo Re-Check	10/31/2013	19.2	7.84	198	0.245	0.15	0			3.7
MW-140A (372-372.5)	2013 Fall Waterloo Re-Check	12/6/2013	10.6	7.4	1.7	1.4	0	0	-145		2.0
MW-140A (372-372.5)	2014 Comprehensive Sampling	10/13/2014	15.82	6.19	0.9	0.316	0.28	0	-221		0.5
MW-140A (407.5-408)	MW-140A Waterloo Initial Sampling	8/26/2013	19.5	7.12	57.5	0.602	7.69	0			1.0
MW-140A (407.5-408)	2013 Comprehensive Sampling	9/27/2013	12.9	6.55	45	0.458	0.88	0.02	-138		1.0
MW-140A (407.5-408)	2014 Comprehensive Sampling	10/13/2014	15.27	5.93	7.8	0.636	0.68	0	-115		0.5
MW-148A (72.5-73)	MW-148A Screening Sampling	2/21/2013	12.4	7.01	879	1.22	0	0.1			2.0
MW-148A (72.5-73)	MW-148A Initial Sampling	4/3/2013	12.92	6.99	12.6	1.18	0.17	0		32.63	5.6
MW-148A (72.5-73)	2013 Comprehensive Sampling	9/19/2013	12.9	7	41.7	1.3	0	0.06	-279		1.3
MW-148A (72.5-73)	2014 Comprehensive Sampling	10/28/2014	14.13	7.15	22.4	1.05	0	0	-55		2.7

Appendix P
Water Purge Data Summary
Former York Naval Ordnance Plant - York, PA

Location ID	Event	Date	Temperature (°C)	pH (SU)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (µg/L)	ORP	Dpth To Water	Total Purge Volume (Gal)
MW-148A (136-136.5)	MW-148A Screening Sampling	2/21/2013	11.83	7.35	-5	1.19	0	0.1			2.0
MW-148A (136-136.5)	MW-148A Initial Sampling	4/3/2013	12.94	7.32	999	1.28	0.18			37.486	3.8
MW-148A (136-136.5)	2013 Comprehensive Sampling	9/19/2013	12.9	7.16	198	1.23	0	0.06	-302		2.0
MW-148A (136-136.5)	2014 Comprehensive Sampling	10/28/2014	15.13	7.29	210	1.11	0	0	-149		1.8
MW-148A (218.5-219)	MW-148A Screening Sampling	2/21/2013	10.54	7.39	-0.5	0.598	0	0			2.3
MW-148A (218.5-219)	MW-148A Initial Sampling	4/3/2013	12.62	7.55	193	0.42	0.32	0		22.36	3.4
MW-148A (218.5-219)	2013 Comprehensive Sampling	9/19/2013	12.7	7.3	47.6	0.312	0	0.01	-281		4.0
MW-148A (218.5-219)	2014 Comprehensive Sampling	10/28/2014	14.25	7.65	37.1	0.373	0	0	-191		1.6
MW-150	2014 Comprehensive Sampling	10/27/2014	14.9	7.87	36	0.227	0	0	-205	19.48	43.6
MW-152 (23-23.5)	2013 Comprehensive Sampling	10/4/2013	15.1	7.1	31.9	0.64	0.16	0.03			1.0
MW-152 (23-23.5)	2014 Comprehensive Sampling	10/27/2014	13.96	7.43	25.6	0.819	1.37	0	67		2.3
MW-152 (137.5-138)	2013 Comprehensive Sampling	10/4/2013	13.5	7.39	5.9	0.558	0	0.02			0.8
MW-152 (137.5-138)	2014 Comprehensive Sampling	10/24/2014	15.56	7.5	1.4	0.668	0	0	-238		1.5
RW-2	NPBA and Building 3 Pre-TS Shutdown Sampling	5/29/2013	18.87	5.46	20.5	0.107	7.41	0		77.54	90.5
RW-2	2013 Comprehensive Sampling	9/10/2013	18.3	5.15	31.2	0.122	5.3	0	277	78.9	121.2
RW-2	2014 Comprehensive Sampling	10/20/2014	14.73	4.61	8.9	0.104	6.22	0.05	222	76.43	146.0
RW-5	2013 Comprehensive Sampling	9/17/2013	15	7.37	8.5	1.65	0	0.1	-17	34.93	414.5
RW-5	2014 Comprehensive Sampling	10/23/2014	14.73	7.25	16.6	1.88	0	0.09	-32	35.95	412.6
TATE (S-6)	2013 Comprehensive Sampling	9/11/2013	17.5	5.66	6.6	0.263	9.22	0	275		