

**STATE COLLEGE BOROUGH WATER AUTHORITY  
UCMR 3 SAMPLING SUMMARY - TOTAL**

COLLECTION DATE	Sample Quarter No.	SAMPLE ID	WET CHEMISTRY							METALS					VOLATILE ORGANICS						SEMIVOLATILES		
			Chlorate (ug/L)	Hexavalent Chromium (ug/L)	Perfluorooctanoic Acid (ug/L)	Perfluorobutanesulfonic Acid (ug/L)	Perfluorohexanesulfonic acid (ug/L)	Perfluoroheptanoic Acid (ug/L)	Perfluorooctanesulfonic Acid (ug/L)	Perfluorononanoic Acid (ug/L)	Total Chromium (ug/L)	Total Cobalt (ug/L)	Total Molybdenum (ug/L)	Total Strontium (ug/L)	Total Vanadium (ug/L)	Bromochloromethane (ug/L)	Bromomethane (ug/L)	1,3-Butadiene (ug/L)	Chlorodifluoromethane (ug/L)	Chloromethane (ug/L)	1,1-Dichloroethane (ug/L)	1,2,3-Trichloropropane (ug/L)	1,4-Dioxane (ug/L)
3/11/2014	1-2014	Wellfield No. 1/3 (Harter-Thomas at WTF)	ND	0.27	ND	ND	ND	ND	ND	ND	0.26	ND	ND	120	ND	ND	ND	ND	ND	ND	ND	ND	ND
6/10/2014	2-2014	Wellfield No. 1/3 (Harter-Thomas at WTF)	ND	0.30	ND	ND	ND	ND	ND	ND	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	
6/26/2014	2-2014	Wellfield No. 1/3 (Harter-Thomas at WTF)	-	-	-	-	-	-	-	-	0.32	ND	ND	130	ND	-	-	-	-	-	-	-	-
9/15/2014	3-2014	Wellfield No. 1/3 (Harter-Thomas at WTF)	ND	0.32	ND	ND	ND	ND	ND	ND	0.51	ND	ND	170	0.20	ND	ND	ND	ND	ND	ND	ND	ND
12/8/2014	4-2014	Wellfield No. 1/3 (Harter-Thomas at WTF)	ND	0.31	ND	ND	ND	ND	ND	ND	0.68	ND	ND	180	0.21	ND	ND	ND	ND	ND	ND	ND	ND
-		Method Reporting Limit (MRL)	20	0.03	0.02	0.09	0.03	0.01	0.04	0.02	0.2	1	1	0.3	0.2	60	200	100	80	200	30	30	0.07
		Minimum:	ND	0.27	ND	ND	ND	ND	ND	ND	0.26	ND	ND	120	0.20	ND	ND	ND	ND	ND	ND	ND	ND
		Maximum:	ND	0.32	ND	ND	ND	ND	ND	ND	0.68	ND	ND	180	0.21	ND	ND	ND	ND	ND	ND	ND	ND
		Average:	ND	0.30	ND	ND	ND	ND	ND	ND	0.44	ND	ND	150	0.21	ND	ND	ND	ND	ND	ND	ND	ND
3/10/2014	1-2014	Tank No. 1	ND	0.28	-	-	-	-	-	-	0.29	ND	ND	130	ND	-	-	-	-	-	-	-	-
6/10/2014	2-2014	Tank No. 1	ND	0.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6/26/2014	2-2014	Tank No. 1	-	-	-	-	-	-	-	-	0.31	ND	ND	100	ND	-	-	-	-	-	-	-	-
9/16/2014	3-2014	Tank No. 1	ND	0.33	-	-	-	-	-	-	0.57	ND	ND	170	0.20	-	-	-	-	-	-	-	-
12/8/2014	4-2014	Tank No. 1	ND	0.33	-	-	-	-	-	-	0.56	ND	ND	160	0.21	-	-	-	-	-	-	-	-
-		Method Reporting Limit (MRL)	20	0.03	-	-	-	-	-	-	0.2	1	1	0.3	0.2	-	-	-	-	-	-	-	-
		Minimum:	ND	0.28	-	-	-	-	-	-	0.29	ND	ND	100	0.20	-	-	-	-	-	-	-	-
		Maximum:	ND	0.43	-	-	-	-	-	-	0.57	ND	ND	170	0.21	-	-	-	-	-	-	-	-
		Average:	ND	0.34	-	-	-	-	-	-	0.43	ND	ND	140	0.21	-	-	-	-	-	-	-	-
3/10/2014	1-2014	Tank No. 6	ND	0.28	-	-	-	-	-	-	0.30	ND	ND	35	0.20	-	-	-	-	-	-	-	-
9/16/2014	3-2014	Tank No. 6	ND	0.28	-	-	-	-	-	-	0.32	ND	ND	63	0.24	-	-	-	-	-	-	-	-
-		Method Reporting Limit (MRL)	20	0.03	-	-	-	-	-	-	0.2	1	1	0.3	0.2	-	-	-	-	-	-	-	-
		Minimum:	ND	0.28	-	-	-	-	-	-	0.30	ND	ND	35	0.20	-	-	-	-	-	-	-	-
		Maximum:	ND	0.28	-	-	-	-	-	-	0.32	ND	ND	63	0.24	-	-	-	-	-	-	-	-
		Average:	ND	0.28	-	-	-	-	-	-	0.31	ND	ND	49	0.22	-	-	-	-	-	-	-	-
3/10/2014	1-2014	Tank No. 7	ND	0.28	-	-	-	-	-	-	0.30	ND	ND	94	0.25	-	-	-	-	-	-	-	-
9/16/2014	3-2014	Tank No. 7	ND	0.28	-	-	-	-	-	-	0.31	ND	ND	96	0.27	-	-	-	-	-	-	-	-
-		Method Reporting Limit (MRL)	20	0.03	-	-	-	-	-	-	0.2	1	1	0.3	0.2	-	-	-	-	-	-	-	-
		Minimum:	ND	0.28	-	-	-	-	-	-	0.30	ND	ND	94	0.25	-	-	-	-	-	-	-	-
		Maximum:	ND	0.28	-	-	-	-	-	-	0.31	ND	ND	96	0.27	-	-	-	-	-	-	-	-
		Average:	ND	0.28	-	-	-	-	-	-	0.31	ND	ND	95	0.26	-	-	-	-	-	-	-	-
3/11/2014	1-2014	Wellfield No. 2 (Grays Woods)	ND	0.26	ND	ND	ND	ND	ND	ND	0.95	ND	ND	88	0.62	ND	ND	ND	ND	ND	ND	ND	ND
9/15/2014	3-2014	Wellfield No. 2 (Grays Woods)	ND	0.27	ND	ND	ND	ND	ND	ND	0.48	ND	ND	95	0.28	ND	ND	ND	ND	ND	ND	ND	ND
-		Method Reporting Limit (MRL)	20	0.03	0.02	0.09	0.03	0.01	0.04	0.02	0.2	1	1	0.3	0.2	60	200	100	80	200	30	30	0.07
		Minimum:	ND	0.26	ND	ND	ND	ND	ND	ND	0.48	ND	ND	88	0.28	ND	ND	ND	ND	ND	ND	ND	ND
		Maximum:	ND	0.27	ND	ND	ND	ND	ND	ND	0.95	ND	ND	95	0.62	ND	ND	ND	ND	ND	ND	ND	ND
		Average:	ND	0.27	ND	ND	ND	ND	ND	ND	0.72	ND	ND	92	0.45	ND	ND	ND	ND	ND	ND	ND	ND
3/11/2014	1-2014	Wellfield No. 4 (Nixon) - 4B Well Nos. 53/41	ND	0.60	ND	ND	ND	ND	ND	ND	0.56	ND	ND	34	0.21	ND	ND	ND	ND	ND	ND	ND	ND
9/15/2014	3-2014	Wellfield No. 4 (Nixon) - 4B Well Nos. 53/41	ND	0.57	ND	ND	ND	ND	ND	ND	0.78	ND	ND	55	0.25	ND	ND	ND	ND	ND	ND	ND	ND
-		Method Reporting Limit (MRL)	20	0.03	0.02	0.09	0.03	0.01	0.04	0.02	0.2	1	1	0.3	0.2	60	200	100	80	200	30	30	0.07
		Minimum:	ND	0.57	ND	ND	ND	ND	ND	ND	0.56	ND	ND	34	0.21	ND	ND	ND	ND	ND	ND	ND	ND
		Maximum:	ND	0.60	ND	ND	ND	ND	ND	ND	0.78	ND	ND	55	0.25	ND	ND	ND	ND	ND	ND	ND	ND
		Average:	ND	0.59	ND	ND	ND	ND	ND	ND	0.67	ND	ND	45	0.23	ND	ND	ND	ND	ND	ND	ND	ND

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COLLECTION DATE	Sample Quarter No.	SAMPLE ID	WET CHEMISTRY							METALS					VOLATILE ORGANICS						SEMIVOLATILES		
			Chlorate (ug/L)	Hexavalent Chromium (ug/L)	Perfluorooctanoic Acid (ug/L)	Perfluorobutanesulfonic Acid (ug/L)	Perfluorohexanesulfonic acid (ug/L)	Perfluoroheptanoic Acid (ug/L)	Perfluorooctanesulfonic Acid (ug/L)	Perfluorononanoic Acid (ug/L)	Total Chromium (ug/L)	Total Cobalt (ug/L)	Total Molybdenum (ug/L)	Total Strontium (ug/L)	Total Vanadium (ug/L)	Bromochloromethane (ug/L)	Bromomethane (ug/L)	1,3-Butadiene (ug/L)	Chlorodifluoromethane (ug/L)	Chloromethane (ug/L)	1,1-Dichloroethane (ug/L)	1,2,3-Trichloropropane (ug/L)	1,4-Dioxane (ug/L)
3/11/2014	1-2014	Wellfield No. 5 (Chestnut Ridge)	ND	0.44	ND	ND	ND	ND	ND	0.42	ND	ND	61	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/15/2014	3-2014	Wellfield No. 5 (Chestnut Ridge)	ND	0.58	ND	ND	ND	ND	ND	0.86	ND	ND	51	0.22	ND	ND	ND	ND	ND	ND	ND	ND	
-	-	Method Reporting Limit (MRL)	20	0.03	0.02	0.09	0.03	0.01	0.04	0.02	1	1	0.3	0.2	60	200	100	80	200	30	30	0.07	
		<b>Minimum:</b>	ND	0.44	ND	ND	ND	ND	ND	0.42	ND	ND	51	0.22	ND	ND	ND	ND	ND	ND	ND	ND	
		<b>Maximum:</b>	ND	0.58	ND	ND	ND	ND	ND	0.86	ND	ND	61	0.22	ND	ND	ND	ND	ND	ND	ND	ND	
		<b>Average:</b>	ND	0.51	ND	ND	ND	ND	ND	0.64	ND	ND	56	0.22	ND	ND	ND	ND	ND	ND	ND	ND	
3/11/2014	1-2014	Wellfield No. 6 (Alexander)	ND	0.28	ND	ND	ND	ND	ND	0.25	ND	ND	32	0.20	ND	ND	ND	ND	ND	ND	ND	0.077	
9/15/2014	3-2014	Wellfield No. 6 (Alexander)	ND	0.28	ND	ND	ND	ND	ND	0.51	ND	ND	39	0.20	ND	ND	ND	ND	ND	ND	ND	ND	
-	-	Method Reporting Limit (MRL)	20	0.03	0.02	0.09	0.03	0.01	0.04	0.02	1	1	0.3	0.2	60	200	100	80	200	30	30	0.070	
		<b>Minimum:</b>	ND	0.28	ND	ND	ND	ND	ND	0.25	ND	ND	32	0.20	ND	ND	ND	ND	ND	ND	ND	ND	
		<b>Maximum:</b>	ND	0.28	ND	ND	ND	ND	ND	0.51	ND	ND	39	0.20	ND	ND	ND	ND	ND	ND	ND	0.077	
		<b>Average:</b>	ND	0.28	ND	ND	ND	ND	ND	0.38	ND	ND	36	0.20	ND	ND	ND	ND	ND	ND	ND	0.077	
3/10/2014	1-2014	Pine Grove Lions Club	-	-	-	-	-	-	-	0.53	ND	ND	53	ND	-	-	-	-	-	-	-	-	
3/18/2014	1-2014	Pine Grove Lions Club	ND	0.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9/16/2014	3-2014	Pine Grove Lions Club	ND	0.57	-	-	-	-	-	0.64	ND	1.20	64	0.24	-	-	-	-	-	-	-	-	
-	-	Method Reporting Limit (MRL)	20	0.03	0.02	0.09	0.03	0.01	0.04	0.02	1	1	0.3	0.2	60	200	100	80	200	30	30	0.07	
		<b>Minimum:</b>	ND	0.39	-	-	-	-	-	0.53	ND	ND	53	0.24	-	-	-	-	-	-	-	-	
		<b>Maximum:</b>	ND	0.57	-	-	-	-	-	0.64	ND	1.20	64	0.24	-	-	-	-	-	-	-	-	
		<b>Average:</b>	ND	0.48	-	-	-	-	-	0.59	ND	1.20	59	0.24	-	-	-	-	-	-	-	-	
3/10/2014	1-2014	Park Forest Villas	ND	0.29	-	-	-	-	-	0.27	ND	ND	32	ND	-	-	-	-	-	-	-	-	
9/16/2014	3-2014	Park Forest Villas	ND	0.59	-	-	-	-	-	0.62	ND	ND	50	0.23	-	-	-	-	-	-	-	-	
-	-	Method Reporting Limit (MRL)	20	0.03	0.02	0.09	0.03	0.01	0.04	0.02	1	1	0.3	0.2	60	200	100	80	200	30	30	0.07	
		<b>Minimum:</b>	ND	0.29	-	-	-	-	-	0.27	ND	ND	32	0.23	-	-	-	-	-	-	-	-	
		<b>Maximum:</b>	ND	0.59	-	-	-	-	-	0.62	ND	ND	50	0.23	-	-	-	-	-	-	-	-	
		<b>Average:</b>	ND	0.44	-	-	-	-	-	0.45	ND	ND	41	0.23	-	-	-	-	-	-	-	-	
10/28/2014	4-2014	Wellfield No. 4 (Nixon) - 4A Well No. 43	ND	0.62	ND	ND	ND	ND	ND	0.97	ND	ND	39	0.20	ND	ND	ND	ND	ND	ND	ND	ND	
1/20/2015	1-2015	Wellfield No. 4 (Nixon) - 4A Well No. 43	ND	0.58	ND	ND	ND	ND	ND	0.69	ND	ND	38	0.20	ND	ND	ND	ND	ND	ND	ND	ND	
-	-	Method Reporting Limit (MRL)	20	0.03	0.02	0.09	0.03	0.01	0.04	0.02	1	1	0.3	0.2	60	200	100	80	200	30	30	0.07	
		<b>Minimum:</b>	ND	0.58	ND	ND	ND	ND	ND	0.69	ND	ND	38	0.20	ND	ND	ND	ND	ND	ND	ND	ND	
		<b>Maximum:</b>	ND	0.62	ND	ND	ND	ND	ND	0.97	ND	ND	39	0.20	ND	ND	ND	ND	ND	ND	ND	ND	
		<b>Average:</b>	ND	0.60	ND	ND	ND	ND	ND	0.83	ND	ND	39	0.20	ND	ND	ND	ND	ND	ND	ND	ND	
10/28/2014	4-2014	Wellfield No. 7 (Kocher) - 7A Well No. 78	ND	0.49	ND	ND	ND	ND	ND	0.73	ND	2.2	79	0.22	ND	ND	ND	ND	ND	ND	ND	ND	
1/20/2015	1-2015	Wellfield No. 7 (Kocher) - 7A Well No. 78	ND	0.47	ND	ND	ND	ND	ND	0.64	ND	4.4	100	0.22	ND	ND	ND	ND	ND	ND	ND	ND	
-	-	Method Reporting Limit (MRL)	20	0.03	0.02	0.09	0.03	0.01	0.04	0.02	1	1	0.3	0.2	60	200	100	80	200	30	30	0.07	
		<b>Minimum:</b>	ND	0.47	ND	ND	ND	ND	ND	0.64	ND	2.2	79	0.22	ND	ND	ND	ND	ND	ND	ND	ND	
		<b>Maximum:</b>	ND	0.49	ND	ND	ND	ND	ND	0.73	ND	4.4	100	0.22	ND	ND	ND	ND	ND	ND	ND	ND	
		<b>Average:</b>	ND	0.48	ND	ND	ND	ND	ND	0.69	ND	3.3	90	0.22	ND	ND	ND	ND	ND	ND	ND	ND	
10/28/2014	4-2014	Wellfield No. 7 (Kocher) - 7B Well Nos. 73/71	ND	0.60	ND	ND	ND	ND	ND	0.75	ND	ND	71	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1/20/2015	1-2015	Wellfield No. 7 (Kocher) - 7B Well Nos. 73/71	ND	0.64	ND	ND	ND	ND	ND	0.82	ND	ND	90	0.20	ND	ND	ND	ND	ND	ND	ND	ND	
-	-	Method Reporting Limit (MRL)	20	0.03	0.02	0.09	0.03	0.01	0.04	0.02	1	1	0.3	0.2	60	200	100	80	200	30	30	0.07	
		<b>Minimum:</b>	ND	0.60	ND	ND	ND	ND	ND	0.75	ND	ND	71	ND	ND	ND	ND	ND	ND	ND	ND	ND	
		<b>Maximum:</b>	ND	0.64	ND	ND	ND	ND	ND	0.82	ND	ND	90	0.20	ND	ND	ND	ND	ND	ND	ND	ND	
		<b>Average:</b>	ND	0.62	ND	ND	ND	ND	ND	0.79	ND	ND	81	0.20	ND	ND	ND	ND	ND	ND	ND	ND	