

**Table 4-10**  
**Detected Compounds - Groundwater Round 2 - June 2017**  
**Former Civic Arena / Melody Tent Site**  
**Pittsburgh, Pennsylvania**

	MSC <sup>(1)</sup>	CH-MW-3	CH-MW-6	CH-MW-9	CH-MW-11	CH-MW-12	KU-MW-1	KU-MW-2	KU-MW-3	KU-MW-4	KU-MW-5	KU-MW-6	KU-MW-7	KU-MW-8	KU-MW-9	KU-MW-10	KU-MW-11	KU-MW-12	
<b>Dissolved Metals</b>																			
Aluminum	ug/L	200	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	330	50 U	210	50 U	50 U	50 U	50 U	50 U
Barium	ug/L	2,000	149	82.5	79.9	96.8	32.4	63.3	151	175	60	39	120	162	54.8	69.3	46.6	55.6	122
Boron	ug/L	6,000	407	50 U	344	186	89.2	198	50 U	50 U	58.9	458	50 U	286	211	50 U	155	61.8	121
Cadmium	ug/L	5	3 U	3 U	3.8	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3.6	3 U	3 U
Calcium	ug/L	-	430,000	424,000	542,000	186,000	134,000	606,000	458,000	473,000	441,000	469,000	366,000	308,000	278,000	336,000	463,000	296,000	352,000
Chromium	ug/L	100	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cobalt	ug/L	13	5 U	5 U	66.1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15.4	9.8	5 U	18.8
Iron	ug/L	300	202	70 U	531	70 U	70 U	70 U	70 U	70 U	287	3,950	311	70 U	70 U	70 U	70 U	70 U	70 U
Magnesium	ug/L	-	82,900	142,000	168,000	62,600	64,100	130,000	166,000	53,500	132,000	152,000	96,700	87,300	79,900	128,000	243,000	59,300	174,000
Manganese	ug/L	300	3,120	495	12,700	2,740	17.8	330	1,380	4,560	1,730	1,160	1,660	4,440	36.6	2,880	4,460	949	18,300
Nickel	ug/L	100	10 U	10 U	45.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	14.3	58.8	10 U	49.3
Potassium	ug/L	-	53,200	2,210	41,100	17,600	1,330	5,740	3,850	4,880	14,600	11,500	4,290	13,400	3,860	4,250	3,100	44,400	9,520
Selenium	ug/L	50	8 U	8 U	8 U	8 U	8 U	13.6	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	11.7	8 U
Sodium	ug/L	-	1,810,000	202,000	1,160,000	203,000	402,000	1,120,000	609,000	96,500	355,000	891,000	388,000	756,000	667,000	300,000	1,170,000	1,480,000	789,000
Zinc	ug/L	2,000	10 U	10 U	83.9	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	32.7	10 U
Cyanide	ug/L	200	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	12	10 U	10 U	10 U	10 U	10 U	10 U	10 U
<b>Semi-Volatile Organic Compounds</b>																			
bis(2-Ethylhexyl)phthalate	ug/L	6	1 U	5.4	1 U	1.4	1 U	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	ug/L	100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.16	0.16	0.11	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Di-n-octylphthalate	ug/L	420	1 U	1 U	1 U	1 U	1 U	1 U	4.2	1 U	1 U	1.5	1 U	1 U	1 U	1 U	1 U	1 U	1.6
<b>Volatile Organic Compounds</b>																			
Acetone	ug/L	38,000	10.7	10 U	13.7	15.2	10 U	11.1	15.5	22.6	10.8	16.7	16.5	10.9	13.4	10 U	13.1	10 U	16.2
Carbon disulfide	ug/L	1,500	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	ug/L	5	1 U	1 U	1 U	1 U	1 U	120	1 U	1 U	1 U	1 U	1 U	2.0	10.1	1 U	8.4	1 U	1 U
Trichloroethene	ug/L	5	1 U	1 U	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:  
 MSC<sup>(1)</sup> - PADEP Residential, Used Aquifer, TDS ≤ 2500  
 MSCs for Iron and Aluminum are Secondary Maximum Contaminant Levels (SMCLs)  
 Highlight denotes MSC exceedence  
 U - Value below reporting limit  
 J - Estimated  
 B - Found in blank  
 F1 - MS and/or MSD Recovery is outside acceptable limits