

**Attachment 9**

**Revised Table 5-2.5, Exhibit 5-2**

**Excerpt from the**

**Petition for Adjusted Standards, Closed Collinsville Landfill**

**December 4, 2014**

**Supplemental Permit Condition 6b  
Class I Concentrations  
Closed Collinsville Landfill**

Monitoring Location MW-6						
Compound	Aug-08	Oct-08	Feb-09	May-09	Class I	
<b>List 1</b>						
Temperature of Water (unfiltered F)	--	--	53.42	62.42	NA	
Spec Cond. (Unfiltered)	--	--	0.924	1.762	NA	
pH (Unfiltered units)	--	--	6.58	6.89	6.5-9.0	
Elev of GW Surf (ft ref MSL)	--	--	532.28	533.00	NA	
Depth of Water (ft below LS)	--	--	29.53	28.49	NA	
BTM Well Elev (ft ref MSL)	--	--	521.77	521.77	NA	
Depth to Water Fr Mea Pt (ft)	--	--	31.42	30.38	NA	
<b>List 2 Filtered</b>						
Ammonia as N Diss (mg/L)	--	--	<0.10	<0.10	NA	mg/L
Arsenic As, Diss (ug/L)	--	--	<5.0	<5.0	50.0	ug/L
Cadmium Cd, Diss (ug/L)	--	--	<2.0	<2.0	5.0	ug/L
Chloride Diss (mg/L)	--	--	69.0	64.0	200.0	mg/L
Iron Fe, Diss (ug/L)	--	--	<40.0	<40.0	5,000.0	ug/L
Lead Pb, Diss (ug/L)	--	--	<5.0	<5.0	8.0	ug/L
Manganese Mn, Diss (ug/L)	--	--	<b>181.0</b>	<b>180.0</b>	150.0	ug/L
Mercury Hg, Diss (ug/L)	--	--	<0.20	<0.20	2.0	ug/L
Sulfate SO4, Diss (mg/L)	--	--	87.0	91.0	400.0	mg/L
Total Dissolved Solids (TDS, mg/L)	--	--	930.0	912.0	1,200	mg/L
<b>List 2 Unfiltered</b>						
Cyanide CN, Total (mg/L)	--	--	<0.100	<0.100	0.20	mg/L
Phenols (Total Recoverable) (ug/L)	--	--	<15.0	<15.0	1.0	ug/L
Total Organic Carbon (TOC) (mg/L)	--	--	3.6	3.8	NA	mg/L
Total Organic Halogens (TOX) (ug/L)	--	--	51.1	68.4 R	NA	ug/L
<b>List 3 Inorganic Parameters Unfiltered</b>						
Antimony (ug/L)	--	--	--	<3.0	6.0	ug/L
Arsenic (ug/L)	--	--	--	<3.0	50.0	ug/L
Barium (ug/L)	--	--	--	113.0	2,000.0	ug/L
Beryllium (ug/L)	--	--	--	<2.0	4.0	ug/L
Boron (ug/L)	--	--	--	57.0	2,000.0	ug/L
Cadmium (ug/L)	--	--	--	<2.0	5.0	ug/L
Chloride (mg/L)	--	--	--	64.0	200.0	mg/L
Chromium (ug/L)	--	--	--	<7.0	100.0	ug/L
Cobalt (ug/L)	--	--	--	<50.0	1,000.0	ug/L
Copper (ug/L)	--	--	--	<20.0	650.0	ug/L
Cyanide (mg/L)	--	--	--	<0.100	0.20	mg/L
Fluoride (mg/L)	--	--	--	0.31	4.0	mg/L
Iron (ug/L)	--	--	--	<40.0	5,000	ug/L
Lead (ug/L)	--	--	--	<5.0	7.5	ug/L
Manganese (ug/L)	--	--	--	<b>218.0</b>	150.0	ug/L
Mercury (ug/L)	--	--	--	<0.20	2.0	ug/L
Nickel (ug/L)	--	--	--	<40.0	100.0	ug/L
Nitrate as N (mg/L)	--	--	--	<1.0	10.0	mg/L
Selenium (ug/L)	--	--	--	<5.0	50.0	ug/L
Silver (ug/L)	--	--	--	<10.0	50.0	ug/L
Sulfate (mg/L)	--	--	--	92.0	400.0	ug/L
Thallium (ug/L)	--	--	--	<1.0	2.0	ug/L
Total Dissolved Solids (mg/L)	--	--	--	934.0	1,200.0	mg/L
Zinc (ug/L)	--	--	--	<20.0	5,000.0	ug/L
<b>List 3 Organic Parameters Unfiltered</b>						
Alachlor (ug/L)	--	--	--	<2.0	2.0	ug/L
Aldicarb (ug/L)	--	--	--	<2.0	3.0	ug/L
Atrazine (ug/L)	--	--	--	<0.05	3.0	ug/L
Benzene (ug/L)	--	--	--	<1.0	5.0	ug/L
Benzo(a)pyrene (ug/L)	--	--	--	<0.20	0.20	ug/L

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Compound	Aug-08	Oct-07	Feb-09	May-09	Class I	
Carbofuran (ug/L)	--	--	--	<10.0	40.0	ug/L
Carbon Tetrachloride (ug/L)	--	--	--	--	5.0	ug/L
Chlordane (ug/L)	--	--	--	<0.14	2.0	ug/L
Dalapon (ug/L)	--	--	--	<1.3	200.0	ug/L
Dichloromethane (ug/L)	--	--	--	0.30 B	5.0	ug/L
Bis(2-ethylhexyl)phthalate (ug/L)	--	--	--	<6.0	6.0	ug/L
1,2-Dibromo-3-chloropropane (ug/L)	--	--	--	<0.20	0.20	ug/L
Dinoseb (DNBP) (ug/L)	--	--	--	<0.70	7.0	ug/L
Endothall (ug/L)	--	--	--	<10.0	100.0	ug/L
Endrin (ug/L)	--	--	--	<0.06	2.0	ug/L
Ethylene Dibromide (EDB) (ug/L)	--	--	--	<0.05	0.05	ug/L
Heptachlor (ug/L)	--	--	--	<0.04	0.04	ug/L
Heptachlor Epoxide (ug/L)	--	--	--	<0.20	0.20	ug/L
Hexachlorocyclopentadiene (ug/L)	--	--	--	<4.0	50.0	ug/L
Lindane (Gamma-Hexachlor cyclohexane)	--	--	--	<0.04	0.20	ug/L
2,4 - D (ug/L)	--	--	--	<12.0	70.0	ug/L
ortho-Dichlorobenzene (ug/L)	--	--	--	<5.0	600.0	ug/L
para-Dichlorobenzene (ug/L)	--	--	--	<5.0	75.0	ug/L
1,2-Dichloroethane (ug/L)	--	--	--	<5.0	5.0	ug/L
1,1-Dichloroethene (ug/L)	--	--	--	<5.0	7.0	ug/L
cis-1,2-Dichloroethene (ug/L)	--	--	--	<5.0	70.0	ug/L
trans-1,2-Dichloroethene (ug/L)	--	--	--	<5.0	100.0	ug/L
1,2-Dichloropropane (ug/L)	--	--	--	<5.0	5.0	ug/L
Ethylbenzene (ug/L)	--	--	--	<5.0	70.0	ug/L
Methoxychlor (ug/L)	--	--	--	<0.50	40.0	ug/L
Monochlorobenzene (Chlorobenzene) (ug/L)	--	--	--	<5.0	100.0	ug/L
Pentachlorophenol (ug/L)	--	--	--	<0.10	1.0	ug/L
Phenols (ug/L)	--	--	--	<15.0	100.0	ug/L
Picloram (ug/L)	--	--	--	<0.20	500.0	ug/L
Polychlorinated Biphenyls (PCBs) (ug/L)	--	--	--	<0.50	0.5	ug/L
Simazine (ug/L)	--	--	--	<4.0	4.0	ug/L
Styrene (ug/L)	--	--	--	<5.0	100.0	ug/L
2,4,5-TP (Silvex) (ug/L)	--	--	--	<5.0	50.0	ug/L
Tetrachloroethene (ug/L)	--	--	--	<0.70	5.0	ug/L
Toluene (ug/L)	--	--	--	<5.0	1,000.0	ug/L
Toxaphene (ug/L)	--	--	--	<2.40	3.0	ug/L
1,2,4-Trichlorobenzene (ug/L)	--	--	--	<10.0	70.0	ug/L
1,1,1-Trichloroethane (ug/L)	--	--	--	<5.0	200.0	ug/L
1,1,2-Trichloroethane (ug/L)	--	--	--	<0.50	5.0	ug/L
Trichloroethene (ug/L)	--	--	--	<1.0	5.0	ug/L
Vinyl Chloride (ug/L)	--	--	--	<1.0	2.0	ug/L
Xylenes (ug/L)	--	--	--	<5.0	10,000.0	ug/L

NOTES:

All units are as noted

**Bolded where the concentration exceeds Class I groundwater quality standards**

<: Compound not detected at or above detection limit. Value shown is the detection limit of the compound for the analytical process.

-- : Not tested

B: Analyte detected in the associated Method Blank

R: RPD outside accepted recovery limits

ref: reference

MSL: Mean Sea Level

LS: Land Surface

Fr Meas Pt: From Measuring Point