

Table 1

Soil Analytical Data Summary

Sampling Event	Sample ID	Depth (feet)	Sample Date	Benzene (µg/kg)	Toluene (µg/kg)	Ethylbenzene (µg/kg)	Total Xylenes (µg/kg)	MTBE (µg/kg)	Isopropyl benzene (µg/kg)	Naphthalene (µg/kg)	1,2,4-Trimethyl benzene (µg/kg)	1,3,5-Trimethyl benzene (µg/kg)
PADEP Statewide Health Standard for Unsaturated and Saturated Soils in a Non-Residential, Used Aquifer				500	100,000	70,000	1,000,000	2,000	2,500,000 / 350,000	25,000 / 10,000	300,000 / 53,000	93,000 / 53,000
Post-excavation sampling	SS-1	10	9/28/2023	ND(0.51)	ND(0.62)	ND(0.72)	ND(0.72)	ND(0.51)	ND(0.72)	ND(2.1)	ND(0.72)	ND(0.72)
	SS-2	10	9/28/2023	ND(0.48)	ND(0.57)	0.87 J	6.0 J	ND(0.48)	ND(0.67)	ND(1.9)	ND(0.67)	ND(0.67)
	SS-3	10	9/28/2023	ND(0.54)	ND(0.65)	ND(0.75)	ND(0.75)	ND(0.54)	ND(0.75)	ND(2.2)	ND(0.75)	ND(0.75)
	SS-4	10	9/28/2023	ND(0.57)	ND(0.68)	ND(0.80)	ND(0.80)	ND(0.57)	ND(0.80)	ND(2.3)	ND(0.80)	ND(0.80)
	SS-5	10	9/28/2023	ND(0.58)	ND(0.69)	ND(0.81)	ND(0.81)	ND(0.58)	ND(0.81)	ND(2.3)	ND(0.81)	ND(0.81)
	SS-6	10	9/28/2023	ND(0.50)	ND(0.60)	ND(0.70)	ND(0.70)	ND(0.50)	ND(0.70)	ND(2.0)	ND(0.70)	ND(0.70)

Notes:

PADEP Act 2 MSCs = Medium Specific Concentrations (MSCs) for Organic Regulated Substances in Soil as found in Appendix A, Table 3b of the Pennsylvania Land Recycling Program (Pennsylvania Code, Title 25, Chapter 250)

ND: Not detected (# is method detection limit)

Bold: exceeds the PADEP SHS for unsaturated soil in a non-residential, used aquifer

J: laboratory estimated value

µg/kg: Micrograms per kilogram

MTBE: Methyl *tert*-butyl ether

ND: Not detected (# is method detection limit)