

Table 1
Column D4 Soil Excavation-Disposal Characterization
Building 85-105
Boeing Portland

Analyte	Risk Based Concentrations (a)	Sample Location, Sample Date, Laboratory SDG and ID	
		Bldg105-D4 (NE-1)	Bldg105-D4 (NE-2)
		11/28/2017 A7K0903 A7K0903-01	11/28/2017 A7K0903 A7K0903-02
Total Petroleum Hydrocarbons (mg/kg; NWTPH-Gx/dx)			
Gasoline-Range Organics	9,700	6.48	5.31 U
Diesel-Range Organics	4,600	1,980 U	491 U
Oil-Range Organics	11,000	43,200	7,010
Volatile Organic Compounds (µg/kg; SW-846 8260C)			
Acetone	N/A	968 UJ	1,060 U
Benzene	37,000	9.68 U	10.6 U
Bromodichloromethane	N/A	48.4 U	53.1 U
Bromoform	260,000	96.8 U	106 U
Bromomethane	370,000	484 U	531 U
2-Butanone (MEK)	N/A	484 U	531 U
Carbon disulfide	N/A	484 U	531 U
Carbon tetrachloride	34,000	48.4 U	53.1 U
Chlorobenzene	4,700,000	24.2 U	26.5 U
Chloroethane	N/A	484 U	531 U
Chloroform	350,000	48.4 U	53.1 U
Chloromethane	25,000,000	242 U	265 U
Dibromochloromethane	N/A	96.8 U	106 U
1,2-Dibromo-3-chloropropane	N/A	242 U	265 U
1,1-Dichloroethane	260,000	24.2 U	26.5 U
1,2-Dichloroethane (EDC)	16,000	24.2 U	26.5 U
1,1-Dichloroethene	13,000,000	24.2 U	26.5 U
cis-1,2-Dichloroethene	710,000	24.2 U	26.5 U
trans-1,2-Dichloroethene	7,100,000	24.2 U	26.5 U
1,2-Dichloropropane	N/A	24.2 U	26.5 U
cis-1,3-Dichloropropene	N/A	48.4 U	53.1 U
trans-1,3-Dichloropropene	N/A	48.4 U	53.1 U
Ethylbenzene	150,000	24.2 U	26.5 U
2-Hexanone	N/A	484 U	531 U
Methylene chloride	N/A	242 U	265 U
4-Methyl-2-pentanone (MIBK)	1,100,000	484 U	531 U
Styrene	56,000,000	48.4 U	53.1 U
1,1,2,2-Tetrachloroethane	N/A	48.4 U	53.1 U
Tetrachloroethene (PCE)	1,000,000	24.2 U	26.5 U
Toluene	28,000,000	48.4 U	53.1 U
1,1,1-Trichloroethane	470,000,000	24.2 U	26.5 U
1,1,2-Trichloroethane	26,000	24.2 U	26.5 U
Trichloroethene (TCE)	51,000	24.2 U	26.5 U
Trichlorofluoromethane	69,000,000	96.8 U	106 U
Vinyl chloride	N/A	24.2 U	26.5 U
m,p-Xylene	20,000,000	48.4 U	53.1 U
o-Xylene	20,000,000	24.2 U	26.5 U
Metals (mg/kg; 6010/6020/7471)			
Arsenic	6.728 (b)	2.14	2.20 U
Barium	704.9 (b)	60.2	72.2
Cadmium	0.565 (b)	0.212 U	0.220 U
Chromium	63.050 (b)	11.8	9.88
Lead	56.220 (b)	7.46	3.43
Mercury	0.174 (b)	0.0846 U	0.0879 U
Selenium	0.612 (b)	1.06 U	1.10 U
Silver	0.653 (b)	0.212 U	0.220

Acronyms/Abbreviations:

ID = identification
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NWTPH = Northwest Total Petroleum Hydrocarbon
N/A = not applicable
RBC = Risk-Based Concentration
SDG = sample delivery group

Notes:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
Bold text indicates detected analyte

- (a) Oregon Department of Environmental Quality RBC for protection of construction worker in an occupational setting.
(b) Oregon background metal concentrations

Green highlight indicate sample concentrations above the cleanup level.