Table 1. Subslab Soil Gas Analytical Results

Project No. 190293, South Park Marina, Seattle, Washington

DRAFT - PRELIMINARY UNVALIDATED DATA

			Location	**SG-01**	**SG-02**
			Date	**10/07/2022**	**10/07/2022**
			Sample	**SG-01-221007**	**SG-02-221007**
Analyte	Unit	MTCA B Subslab Soil Gas Screening Level - Commercial Exposure (45-hour)	MTCA B Subslab Soil Gas Screening Level - Unrestricted Use		
Air-Phase Hydrocarbons					
C5 - C8 Aliphatic Hydrocarbons	ug/m^3			< 3100 U	< 1300 U
C9 - C12 Aliphatic Hydrocarbons	ug/m^3			< 1000 U	< 420 U
C9 - C10 Aromatic Hydrocarbons	ug/m^3			< 1000 U	< 420 U
Benzene, Toluene, Ethylbenzene, and Xylenes					
Benzene	ug/m^3	50	11	< 13 U	< 5.4 U
Toluene	ug/m^3	650000	76000	< 770 U	< 320 U
Ethylbenzene	ug/m^3	130000	15000	< 18 U	< 7.4 U
m,p-Xylenes	ug/m^3			< 36 U	**18**
o-Xylene	ug/m^3			< 18 U	< 7.4 U
Volatile Organic Compounds					
1,1,1-Trichloroethane	ug/m^3	650000	76000	< 22 U	< 9.3 U
1,1,2,2-Tetrachloroethane	ug/m^3	6.7	1.4	< 5.6 U	< 2.3 U
1,1,2-Trichloroethane	ug/m^3	24	3	< 2.2 U	< 0.93 U
1,1,2-Trichlorotrifluoroethane	ug/m^3	650000	76000	< 31 U	< 13 U
1,1-Dichloroethane	ug/m^3	240	52	< 17 U	< 6.9 U
1,1-Dichloroethene	ug/m^3	26000	3000	< 16 U	< 6.7 U
1,2,4-Trichlorobenzene	ug/m^3	260	30	< 30 U	< 13 U
1,2,4-Trimethylbenzene	ug/m^3	7800	910	< 200 U	< 84 U
1,2-Dibromoethane (EDB)	ug/m^3	0.65	0.14	< 3.2 U	< 1.3 U
1,2-Dichlorobenzene	ug/m^3	26000	3000	< 25 U	< 10 U
1,2-Dichloroethane (EDC)	ug/m^3	15	3.2	< 1.7 U	< 0.69 U
1,2-Dichloropropane	ug/m^3	110	23	< 9.5 U	< 3.9 U
1,3,5-Trimethylbenzene	ug/m^3	7800	910	< 200 U	< 84 U
1,3-Dichlorobenzene	ug/m^3			**40**	**46**
1,4-Dichlorobenzene	ug/m^3	35	7.6	< 9.4 U	< 3.9 U
1-Propene	ug/m^3			< 49 U	< 20 U
2-Butanone	ug/m^3	650000	76000	< 240 U	< 100 U
2-Chlorotoluene	ug/m^3			< 210 U	< 88 U
2-Hexanone	ug/m^3	3900	460	< 170 U	< 70 U
4-Methyl-2-pentanone	ug/m^3	390000	46000	< 170 U	< 70 U
Acetone	ug/m^3			< 190 U	**95**
Acrolein	ug/m^3	2.6	0.3	< 4.7 U	< 1.9 U
Allyl Chloride	ug/m^3	65	14	< 130 U	< 53 U
Bromodichloromethane	ug/m^3	11	2.3	< 2.7 U	< 1.1 U
Bromoform	ug/m^3	350	76	< 85 U	< 35 U
Bromomethane	ug/m^3	650	76	< 160 U	< 66 U
Butane	ug/m^3			< 190 U	< 81 U
Carbon Disulfide	ug/m^3	91000	11000	< 260 U	< 110 U
Carbon Tetrachloride	ug/m^3	65	14	< 13 U	< 5.3 U
Chlorobenzene	ug/m^3	6500	760	< 19 U	< 7.8 U
Chloroethane	ug/m^3	1300000	150000	< 110 U	< 45 U
Chloroform	ug/m^3	17	3.6	< 2 U	**2**
Chloromethane	ug/m^3	12000	1400	< 150 U	< 63 U
cis-1,2-Dichloroethene (cDCE)	ug/m^3			< 16 U	< 6.7 U
cis-1,3-Dichloropropene	ug/m^3			< 37 U	< 15 U
Cyclohexane	ug/m^3	780000	91000	< 280 U	< 120 U
Dibromochloromethane	ug/m^3			< 3.5 U	< 1.4 U
Dichlorodifluoromethane	ug/m^3	13000	1500	< 41 U	< 17 U
Ethanol	ug/m^3			< 310 U	< 130 U
Ethyl acetate	ug/m^3	9100	1100	< 300 U	< 120 U
Isopropyl Alcohol	ug/m^3			**560**	**960 E**
Isopropylbenzene	ug/m^3	52000	6100	< 400 U	< 170 U
Methyl Methacrylate	ug/m^3	91000	11000	< 170 U	< 70 U
Methyl tert-butyl ether (MTBE)	ug/m^3	1500	320	< 300 U	< 120 U
Methylene Chloride	ug/m^3	39000	2200	< 1400 U	< 590 U
n-Hexane	ug/m^3	91000	11000	< 140 U	< 60 U
Nonane	ug/m^3			< 220 U	< 89 U
n-Propylbenzene	ug/m^3	130000	15000	< 200 U	< 84 U
Pentane	ug/m^3			< 240 U	< 100 U
Styrene	ug/m^3	130000	15000	< 35 U	< 14 U
t-Butyl alcohol (TBA)	ug/m^3			< 500 U	< 210 U
Tetrachloroethene (PCE)	ug/m^3	1500	320	**43000 E**	**10000 E**
Tetrahydrofuran	ug/m^3	260000	30000	< 24 U	< 10 U
trans-1,2-Dichloroethene	ug/m^3	5200	610	< 16 U	< 6.7 U
trans-1,3-Dichloropropene	ug/m^3			< 19 U	< 7.7 U
Trichloroethene (TCE)	ug/m^3	95	11	**75**	**12**
Trichlorofluoromethane	ug/m^3	91000	11000	< 92 U	< 38 U
Vinyl Acetate	ug/m^3	26000	3000	< 290 U	< 120 U
Vinyl Bromide	ug/m^3	26	5.6	< 18 U	< 7.4 U
Vinyl Chloride	ug/m^3	44	9.5	< 10 U	< 4.3 U

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Project No. 190293, South Park Marina, Seattle, Washington

DRAFT - PRELIMINARY UNVALIDATED DATA

			Location Date Sample	**SG-01 10/07/2022 SG-01-221007**	**SG-02 10/07/2022 SG-02-221007**
Analyte	Unit	MTCA B Subslab Soil Gas Screening Level - Commercial Exposure (45-hour)	MTCA B Subslab Soil Gas Screening Level - Unrestricted Use		
Volatile Organic Compounds (continued)					
1,3-Butadiene	ug/m^3	13	2.8	< 1.8 U	< 0.75 U
2,2,4-Trimethylpentane	ug/m^3			< 190 U	< 79 U
4-Ethyltoluene	ug/m^3			< 200 U	< 84 U
alpha-Chlorotoluene	ug/m^3	7.9	1.7	< 2.1 U	< 0.88 U
Freon 114	ug/m^3			< 86 U	< 36 U
Heptane	ug/m^3	52000	6100	< 170 U	< 70 U
Polycyclic Aromatic Hydrocarbons					
Naphthalene	ug/m^3	11	2.5	< 11 U	< 2.4 U
Semivolatile Organic Compounds					
1,4-Dioxane	ug/m^3	78	17	< 15 U	< 6.1 U
Hexachlorobutadiene	ug/m^3	18	3.8	< 8.7 U	< 3.6 U

Notes:

Bold - Analyte detected above the reporting limit

Blue Shaded - Analyte detected above the MTCA Method B subslab soil gas screening level for unrestricted use

Orange Shaded - Analyte detected above the MTCA Method B subslab soil gas screening level adjusted for commercial use (45-hour/week exposure scenario)

MTCA - Model Toxics Control Act

U - Analyte not detected at or above reporting limit shown

E - Result exceeded calibration range

"--" - indicates results not available

ug/m^3 - micrograms per cubic meter