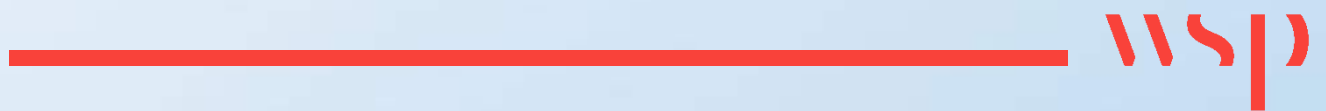


Appendix H

CHEMICAL SCREENING SHEETS





Determinant	TP04	TP04	CC-VS02	CC-VS03	CC-VS04	CC-VS05	Campus_V S03	Campus_V S04
Asbestos Screen	ND	ND	ND	ND	ND	Chrysotile	Chrysotile	ND
Arsenic	18	26	8	9	7	8	16	19
Barium	130	146	49	73	44	53	123	128
Beryllium	0.8	0.8	< 0.5	0.6	< 0.5	< 0.5	0.7	0.7
Boron	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium	< 0.2	0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2	0.2
Chromium III	11	14	16	14	24	15	17	16
Copper	83	63	8	14	9	9	101	81
Lead	544	613	22	36	18	20	355	391
Mercury	3	1.1	< 1	< 1	< 1	< 1	1.2	1.3
Nickel	15	16	6	9	9	7	15	16
Selenium	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Vanadium	34	38	20	21	23	21	37	39
Zinc	103	119	41	57	35	40	286	279
Naphthalene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.13	0.24
Acenaphthylene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.14	< 0.1
Fluorene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.12	< 0.1
Phenanthrene	0.19	0.22	0.31	0.24	< 0.1	0.14	0.93	0.51
Anthracene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.13	< 0.1
Fluoranthene	0.2	0.16	0.53	0.28	0.12	0.25	1.27	1.09
Pyrene	0.2	0.16	0.45	0.22	< 0.1	0.22	1.08	1.02
Benzo(a)anthracene	< 0.1	< 0.1	0.21	< 0.1	< 0.1	< 0.1	0.51	0.63
Chrysene	0.17	0.17	0.27	0.14	< 0.1	0.12	0.59	0.64
Benzo(b)fluoranthene	0.19	0.18	0.25	0.13	< 0.1	0.12	0.62	0.72
Benzo(k)fluoranthene	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1	0.17	0.31
Benzo(a)pyrene	0.12	0.12	0.17	< 0.1	< 0.1	< 0.1	0.42	0.57
Indeno(1,2,3-cd)pyrene	< 0.1	< 0.1	0.12	< 0.1	< 0.1	< 0.1	0.24	0.35
Dibenz(a,h)anthracene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	< 0.1	< 0.1	0.12	< 0.1	< 0.1	< 0.1	0.23	0.36
Total EPA-16 PAHs	< 1.6	< 1.6	2.5	< 1.6	< 1.6	< 1.6	6.6	6.4
TPH Aliphatics C5-C6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
TPH Aliphatics C6-C8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
TPH Aliphatics C8-C10	< 2	< 2	< 2	< 2	< 2	< 2	< 2	3
TPH Aliphatics C10-C12	< 2	< 2	< 2	< 2	< 2	< 2	< 2	7
TPH Aliphatics C12-C16	< 3	< 3	< 3	< 3	< 3	< 3	< 3	3
TPH Aliphatics C16-C21	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
TPH Aliphatics C21-C34	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Total Aliphatics C5 - C34	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
TPH Aromatic C5-C7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
TPH Aromatic C7-C8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
TPH Aromatic C8-C10	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
TPH Aromatic C10-C12	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
TPH Aromatic C12-C16	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
TPH Aromatic C16-C21	< 3	< 3	< 3	< 3	< 3	< 3	< 3	5
TPH Aromatic C21-C35	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Total Aromatic C5 - C35	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
Total TPH C5 - C35	< 42	< 42	< 42	< 42	< 42	< 42	< 42	< 42
Benzene	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Toluene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
p & m-xylene	<0.002	<0.002	0.007	0.003	<0.002	<0.002	<0.002	<0.002
o-xylene	<0.002	<0.002	0.003	<0.002	<0.002	<0.002	<0.002	<0.002
MTBE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005



Determinant	TP04	TP04	CC-VS02	CC-VS03	CC-VS04	CC-VS05	Campus_V S03	Campus_V S04
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Cadmium	< 0.2	0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2	0.2
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Acenaphthylene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.14	< 0.1
Fluorene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.12	< 0.1
Phenanthrene	0.19	0.22	0.31	0.24	< 0.1	0.14	0.93	0.51
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Benzo(b)fluoranthene	0.19	0.18	0.25	0.13	< 0.1	0.12	0.62	0.72
Benzo(k)fluoranthene	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1	0.17	0.31
Benzo(a)pyrene	0.12	0.12	0.17	< 0.1	< 0.1	< 0.1	0.42	0.57
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Benzo(ghi)perylene	< 0.1	< 0.1	0.12	< 0.1	< 0.1	< 0.1	0.23	0.36
Total EPA-16 PAHs	< 1.6	< 1.6	2.5	< 1.6	< 1.6	< 1.6	6.6	6.4
TPH Aliphatics C5-C6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
TPH Aliphatics C6-C8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
TPH Aliphatics C8-C10	< 2	< 2	< 2	< 2	< 2	< 2	< 2	3
TPH Aliphatics C10-C12	< 2	< 2	< 2	< 2	< 2	< 2	< 2	7
TPH Aliphatics C12-C16	< 3	< 3	< 3	< 3	< 3	< 3	< 3	3
TPH Aliphatics C16-C21	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
TPH Aliphatics C21-C34	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Total Aliphatics C5 - C34	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
TPH Aromatic C5-C7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
TPH Aromatic C7-C8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
TPH Aromatic C8-C10	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
TPH Aromatic C10-C12	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
TPH Aromatic C12-C16	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
TPH Aromatic C16-C21	< 3	< 3	< 3	< 3	< 3	< 3	< 3	5
TPH Aromatic C21-C35	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Total Aromatic C5 - C35	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
Total TPH C5 - C35	< 42	< 42	< 42	< 42	< 42	< 42	< 42	< 42
Benzene	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Toluene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
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o-xylene	<0.002	<0.002	0.003	<0.002	<0.002	<0.002	<0.002	<0.002
MTBE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005