



CH2M  
400 E. Business Way  
Suite 400  
Cincinnati, OH 45241  
O + 1.513.530.5520  
www.ch2m.com

Ms. Leslie Blake  
Remedial Project Manager  
Superfund Division  
U.S. EPA, Region 5  
77 West Jackson Boulevard (SR-6J)  
Chicago, Illinois 60604

August 1, 2017

Subject: Vapor Intrusion Analytical Results at the Keystone Corridor Groundwater Contamination Site, Marion, County, Indiana

Dear Ms. Blake,

Per the U.S. Environmental Protection Agency's (U.S. EPA's) request, please find attached tables of the analytical results from samples collected in 2017 to assess vapor intrusion potential at the Keystone Corridor Groundwater Contamination Site (Site). The data includes subslab soil vapor and indoor and crawl space air samples from both commercial and residential properties identified for the remedial investigation (RI). All data presented in these tables are validated per the approved Quality Assurance Project Plan (QAPP) for this project.

For any questions regarding this material, please do not hesitate to contact me at 513-587-7013 or via email at [brett.fishwild@ch2m.com](mailto:brett.fishwild@ch2m.com).

Regards,  
CH2M HILL, Inc.

A handwritten signature in black ink that reads 'Brett A. Fishwild'. The signature is written in a cursive, slightly slanted style.

Brett A. Fishwild  
Site Manager

**Table 1**  
**Indoor and Crawl Space Air Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-002	CP-003	CP-008	CP-010	CP-010	CP-010	CP-013
		Indoor Air RSL (CR = 1E-04)	Indoor Air RSL (CR = 1E-05)	Indoor Air RSL (CR = 1E-06)	Indoor Air RSL (HI = 1)	Indoor Air RSL (HI = 3)	KC-CP-002-IA-01- 022717 1/1/2017	KC-CP-003-IA-01- 022417 2/24/2017	KC-CP-008-CS-01- 022117 2/21/2017	KC-CP-010-CS-01- 022117 2/21/2017	KC-CP-010-IA-01- 022217 2/22/2017	KC-CP-010-IA-02- 022217 2/22/2017	KC-CP-013-CS-01- 022317 2/23/2017
1,1,1-Trichloroethane	ug/m3	---	---	---	22000	66000	0.68 U	0.02 J	0.73 U	0.73 U	0.042	0.14	0.062
1,1,2,2-Tetrachloroethane	ug/m3	21	2.1	0.21	---	---	0.68 U	0.045 UJ	0.73 U	0.73 U	0.037 U	0.032 U	0.038 U
1,1,2-Trichloroethane	ug/m3	77	7.7	0.77	0.88	2.6	2.7 U	0.18 UJ	0.73 U	0.73 U	0.15 U	0.13 U	0.15 U
1,1-Dichloroethane	ug/m3	770	77	7.7	---	---	0.68 U	0.045 UJ	0.73 U	0.73 U	0.037 U	0.02 J	0.038 U
1,1-Dichloroethene	ug/m3	---	---	---	880	2600	0.68 U	0.045 J	0.73 U	0.73 U	0.037 U	0.032 U	0.038 U
1,2-Dibromo-3-chloropropane	ug/m3	0.2	0.02	0.002	0.88	2.6	2.7 U	0.18 UJ	0.73 U	0.73 U	0.15 U	0.13 U	0.15 U
1,2-Dibromoethane	ug/m3	2	0.2	0.02	39	120	0.68 U	0.045 UJ	0.73 U	0.73 U	0.037 U	0.032 U	0.038 U
1,2-Dichloroethane	ug/m3	47	4.7	0.47	31	93	0.68 U	0.083 J	0.29 J	0.27 J	0.17	0.13	0.13
1,2-Dichloropropane	ug/m3	120	12	1.2	18	54	0.68 U	0.016 J	0.73 U	0.73 U	0.021 J	0.018 J	0.013 J
Bromodichloromethane	ug/m3	33	3.3	0.33	---	---	0.68 U	<b>0.79 J</b>	0.73 U	0.73 U	0.037 U	0.032 U	0.038 U
Bromoform	ug/m3	1100	110	11	---	---	NR	NR	0.73 U	0.73 U	NR	NR	NR
Bromomethane	ug/m3	---	---	---	22	66	0.68 U	0.044 J	0.73 U	0.73 U	0.037 J	0.036	0.038 U
Carbon tetrachloride	ug/m3	200	20	2	440	1300	0.68 U	0.58 J	0.37 J	0.36 J	0.46	0.5	0.66
Chlorodibromomethane	ug/m3	---	---	---	---	---	0.68 U	0.09 J	0.73 U	0.73 U	0.037 U	0.016 J	0.017 J
Chloroethane	ug/m3	---	---	---	44000	130000	0.68 U	0.1 J	0.73 U	0.73 U	0.02 J	0.023 J	0.024 J
Chloroform	ug/m3	53	5.3	0.53	430	1300	2.7 U	<b>15 J</b>	0.73 U	0.73 U	0.17	0.32	0.46
Chloromethane	ug/m3	---	---	---	390	1200	2.3 J	0.68 J	0.37 J	0.38 J	0.41	0.53 J	0.3 J
cis-1,2-Dichloroethene	ug/m3	---	---	---	---	---	0.68 U	0.12 J	0.73 U	0.73 U	0.037 U	0.032 U	0.038 U
Dichlorodifluoromethane	ug/m3	---	---	---	440	1300	3 J	2.9 J	12	2.6	2.5	2.8	2.5
Methylene Chloride	ug/m3	120000	12000	1200	2600	7800	2.7 U	0.43 J	1.7	2.4	1.3	1.1	11
Tetrachloroethene	ug/m3	4700	470	47	180	540	<b>660</b>	7.7 J	0.4 J	8.5	8.8	33	0.44
trans-1,2-Dichloroethene	ug/m3	---	---	---	---	---	0.68 U	0.045 UJ	0.73 U	0.73 U	0.018 J	0.032 U	0.42
Trichloroethylene	ug/m3	300	30	3	8.8	---	<b>12 J</b>	0.2 J	0.73 U	0.73 U	0.13	0.081	0.059
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	---	130000	390000	0.68 U	0.52 J	1.4	1.1	0.49	0.51	0.74
Vinyl Chloride	ug/m3	280	28	2.8	440	1300	0.68 U	0.027 J	0.73 U	0.73 U	0.037 U	0.032 U	0.038 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

NR = Analyte not reported by lab for TO15 SIM analysis

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

**Italics results** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 1**  
**Indoor and Crawl Space Air Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-013	CP-013	CP-016	CP-016	CP-016	CP-017	CP-019
		Indoor Air RSL	Indoor Air RSL	Indoor Air RSL	Indoor Air RSL	Indoor Air RSL	KC-CP-013-IA-01-022317	KC-CP-013-IA-02-022417	KC-CP-016-IA-01-022717	KC-CP-016-IA-02-022417	KC-CP-016-IA-04-022717	KC-CP-017-IA-01-022317	KC-CP-019-IA-01-022717
		(CR = 1E-04)	(CR = 1E-05)	(CR = 1E-06)	(HI = 1)	(HI = 3)	2/23/2017	2/24/2017	2/27/2017	2/24/2017	2/27/2017	2/23/2017	2/27/2017
1,1,1-Trichloroethane	ug/m3	---	---	---	22000	66000	0.049 J	0.065 J	3.3 J	3.3 J	5.5 J	0.09 J	0.039 U
1,1,2,2-Tetrachloroethane	ug/m3	21	2.1	0.21	---	---	0.081 U	0.041 U	0.085 U	0.041 UJ	0.062 U	0.17 U	0.039 U
1,1,2-Trichloroethane	ug/m3	77	7.7	0.77	0.88	2.6	0.32 U	0.16 U	0.34 U	0.17 UJ	0.25 U	0.68 U	0.16 U
1,1-Dichloroethane	ug/m3	770	77	7.7	---	---	0.081 U	0.041 U	0.085 U	0.041 UJ	0.062 U	0.17 U	0.039 U
1,1-Dichloroethene	ug/m3	---	---	---	880	2600	0.081 U	0.041 U	0.19 J	0.033 J	0.062 U	0.17 U	0.039 U
1,2-Dibromo-3-chloropropane	ug/m3	0.2	0.02	0.002	0.88	2.6	0.32 U	0.16 U	0.34 U	0.17 UJ	0.25 U	0.68 U	0.16 U
1,2-Dibromoethane	ug/m3	2	0.2	0.02	39	120	0.081 U	0.041 U	0.085 U	0.041 UJ	0.062 U	0.17 U	0.039 U
1,2-Dichloroethane	ug/m3	47	4.7	0.47	31	93	0.082	0.08 J	0.13 J	0.12 J	0.25 J	0.17	0.064 J
1,2-Dichloropropane	ug/m3	120	12	1.2	18	54	0.081 U	0.024 J	0.057 J	0.036 J	0.14 J	0.064 J	0.039 U
Bromodichloromethane	ug/m3	33	3.3	0.33	---	---	0.49	0.89	0.085 U	0.041 UJ	0.062 U	0.17 U	0.65
Bromoform	ug/m3	1100	110	11	---	---	NR						
Bromomethane	ug/m3	---	---	---	22	66	0.035 J	0.11 J	0.036 J	0.038 J	0.041 J	0.066 J	0.039 U
Carbon tetrachloride	ug/m3	200	20	2	440	1300	0.55	0.55 J	0.64 J	0.55 J	0.59 J	0.52	0.5 J
Chlorodibromomethane	ug/m3	---	---	---	---	---	0.11	0.17 J	0.085 U	0.024 J	0.062 U	0.17 U	0.094 J
Chloroethane	ug/m3	---	---	---	44000	130000	0.046 J	0.047 J	0.085 U	0.051 J	0.031 J	0.061 J	0.042
Chloroform	ug/m3	53	5.3	0.53	430	1300	2.2	2.8 J	0.34 J	0.37 J	0.26 J	1.9	8.7 J
Chloromethane	ug/m3	---	---	---	390	1200	0.8 J	0.49 J	0.99 J	0.55 J	0.91 J	1.9 J	0.55 J
cis-1,2-Dichloroethene	ug/m3	---	---	---	---	---	0.081 U	1.8 J	0.085 U	0.041 UJ	0.062 U	0.17 U	0.039 U
Dichlorodifluoromethane	ug/m3	---	---	---	440	1300	2.4	2.8 J	3.5 J	3.2 J	3.9 J	2.8	2.2 J
Methylene Chloride	ug/m3	120000	12000	1200	2600	7800	84	0.46 J	17 J	4.8 J	1.7 J	0.66 J	0.61 J
Tetrachloroethene	ug/m3	4700	470	47	180	540	0.63	310 J	36 J	34 J	200 J	84	1.8
trans-1,2-Dichloroethene	ug/m3	---	---	---	---	---	2.6	0.031 J	0.085 U	0.041 UJ	0.062 U	0.17 U	0.039 U
Trichloroethylene	ug/m3	300	30	3	8.8	---	0.054 J	4.5 J	3.9 J	4.9 J	22 J	0.95	0.16 J
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	---	130000	390000	0.58	0.6 J	0.67 J	0.61 J	0.66 J	0.55	0.56 J
Vinyl Chloride	ug/m3	280	28	2.8	440	1300	0.081 U	0.079 J	0.085 U	0.041 UJ	0.062 U	0.17 U	0.039 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

NR = Analyte not reported by lab for TO15 SIM analysis

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

**Italics results** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 1**  
**Indoor and Crawl Space Air Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-023	CP-023	CP-023	CP-023	CP-024	CP-051	CP-051
		Indoor Air RSL	Indoor Air RSL	Indoor Air RSL	Indoor Air RSL	Indoor Air RSL	KC-CP-023-IA-01-022217	KC-CP-023-IA-02-022217	KC-CP-023-IA-03-022217	KC-CP-023-IA-04-022217	KC-CP-024-IA-01-022317	KC-CP-051-IA-01-022617	KC-CP-051-IA-02-022617
		(CR = 1E-04)	(CR = 1E-05)	(CR = 1E-06)	(HI = 1)	(HI = 3)	2/22/2017	2/22/2017	2/22/2017	2/22/2017	2/23/2017	2/26/2017	2/26/2017
1,1,1-Trichloroethane	ug/m3	---	---	---	22000	66000	0.027 J	0.051	0.2 U	0.084	0.72	0.22 J	0.037 J
1,1,2,2-Tetrachloroethane	ug/m3	21	2.1	0.21	---	---	0.038 U	0.04 U	0.2 U	0.041 U	0.043 U	0.036 U	0.047 U
1,1,2-Trichloroethane	ug/m3	77	7.7	0.77	0.88	2.6	0.15 U	0.16 U	0.81 U	0.17 U	0.17 U	0.14 U	0.19 U
1,1-Dichloroethane	ug/m3	770	77	7.7	---	---	0.038 U	0.04 U	0.2 U	0.041 U	0.043 U	0.013 J	0.047 U
1,1-Dichloroethene	ug/m3	---	---	---	880	2600	0.038 U	0.04 U	0.2 U	0.041 U	0.043 U	0.035 J	0.047 U
1,2-Dibromo-3-chloropropane	ug/m3	0.2	0.02	0.002	0.88	2.6	0.15 U	0.16 U	0.81 U	0.17 U	0.17 U	0.14 U	0.19 U
1,2-Dibromoethane	ug/m3	2	0.2	0.02	39	120	0.038 U	0.04 U	0.2 U	0.041 U	0.043 U	0.036 U	0.047 U
1,2-Dichloroethane	ug/m3	47	4.7	0.47	31	93	0.32 J	0.04 U	0.2 U	0.041 U	0.24	0.074 J	0.076 J
1,2-Dichloropropane	ug/m3	120	12	1.2	18	54	0.03 J	0.064 J	0.2 U	0.049	0.055	0.21 J	0.21 J
Bromodichloromethane	ug/m3	33	3.3	0.33	---	---	0.038 U	0.04 U	0.2 U	0.041 U	0.043 U	<b>3.6 J</b>	<b>0.85 J</b>
Bromoform	ug/m3	1100	110	11	---	---	NR						
Bromomethane	ug/m3	---	---	---	22	66	0.047 J	0.06	0.2 U	0.053	0.03 J	0.022 J	0.028 J
Carbon tetrachloride	ug/m3	200	20	2	440	1300	0.56 J	0.63 J	0.47	0.58	0.53	1 J	0.52 J
Chlorodibromomethane	ug/m3	---	---	---	---	---	0.038 U	0.035 J	0.2 U	0.033 J	0.02 J	0.64 J	0.14 J
Chloroethane	ug/m3	---	---	---	44000	130000	0.037 J	0.052	0.2 U	0.061	0.039 J	0.038 J	0.044 J
Chloroform	ug/m3	53	5.3	0.53	430	1300	0.26 J	0.16 U	0.81 U	<b>0.6</b>	0.5	<b>20 J</b>	<b>3.7 J</b>
Chloromethane	ug/m3	---	---	---	390	1200	0.62 J	0.53 J	1.1 J	0.61 J	0.086 UJ	0.54 J	0.5 J
cis-1,2-Dichloroethene	ug/m3	---	---	---	---	---	0.038 U	0.04 U	0.2 U	0.041 U	0.043 U	0.063 J	0.047 U
Dichlorodifluoromethane	ug/m3	---	---	---	440	1300	3 J	5.7	2.7	2.9	2.2	3 J	2.7 J
Methylene Chloride	ug/m3	120000	12000	1200	2600	7800	0.62 J	0.88	20	7	2.1	0.62 J	4.1 J
Tetrachloroethene	ug/m3	4700	470	47	180	540	34 J	<b>130 J</b>	<b>200 J</b>	<b>85 J</b>	<b>570</b>	8.5 J	0.92 J
trans-1,2-Dichloroethene	ug/m3	---	---	---	---	---	0.013 J	0.04 U	0.2 U	0.012 J	0.014 J	0.055 J	0.25 J
Trichloroethylene	ug/m3	300	30	3	8.8	---	0.22 J	0.57 J	0.46 J	0.29	<b>7.3</b>	0.48 J	0.066 J
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	---	130000	390000	0.66 J	0.66	0.61 J	0.67	0.52	0.62 J	0.6 J
Vinyl Chloride	ug/m3	280	28	2.8	440	1300	0.038 U	0.036 J	0.2 U	0.041 U	0.043 U	0.036 U	0.047 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

NR = Analyte not reported by lab for TO15 SIM analysis

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Underlined results indicate exceedence of screening level (CR = 1E-04)

**Italics results** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 1**  
**Indoor and Crawl Space Air Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-056	CP-064	CP-064	CP-064	CP-067
		Indoor Air RSL (CR = 1E-04)	Indoor Air RSL (CR = 1E-05)	Indoor Air RSL (CR = 1E-06)	Indoor Air RSL (HI = 1)	Indoor Air RSL (HI = 3)	KC-CP-056-IA-01- 022517 2/25/2017	KC-CP-064-CS-01- 032417 3/24/2017	KC-CP-064-IA-01- 032417 3/24/2017	KC-CP-064-IA-02- 032417 3/24/2017	KC-CP-067-IA-01- 022717 2/27/2017
1,1,1-Trichloroethane	ug/m3	---	---	---	22000	66000	3.7	0.18	0.12	0.058	0.018 J
1,1,2,2-Tetrachloroethane	ug/m3	21	2.1	0.21	---	---	0.041 U	0.014 U	0.015 U	0.016 U	0.046 U
1,1,2-Trichloroethane	ug/m3	77	7.7	0.77	0.88	2.6	0.16 U	0.016 U	0.017 U	0.017 U	0.19 U
1,1-Dichloroethane	ug/m3	770	77	7.7	---	---	0.018 J	0.012 U	0.013 U	0.028 J	0.046 U
1,1-Dichloroethene	ug/m3	---	---	---	880	2600	0.02 J	0.017 U	0.018 U	0.071	0.12 J
1,2-Dibromo-3-chloropropane	ug/m3	0.2	0.02	0.002	0.88	2.6	0.16 U	0.019 U	0.02 U	0.021 U	0.19 U
1,2-Dibromoethane	ug/m3	2	0.2	0.02	39	120	0.041 U	0.016 U	0.017 U	0.017 U	0.046 U
1,2-Dichloroethane	ug/m3	47	4.7	0.47	31	93	0.07	0.15	0.064	0.21	0.076 J
1,2-Dichloropropane	ug/m3	120	12	1.2	18	54	0.032 J	0.023 J	0.025 J	0.025 J	0.027 J
Bromodichloromethane	ug/m3	33	3.3	0.33	---	---	0.18	0.059	0.075	0.29	2.4
Bromoform	ug/m3	1100	110	11	---	---	NR	NR	NR	NR	NR
Bromomethane	ug/m3	---	---	---	22	66	0.035 J	0.027 J	0.032 J	0.024 J	0.036 J
Carbon tetrachloride	ug/m3	200	20	2	440	1300	0.48 J	0.48	0.5	0.55	0.68 J
Chlorodibromomethane	ug/m3	---	---	---	---	---	0.031 J	0.018 U	0.018 U	0.055	0.37
Chloroethane	ug/m3	---	---	---	44000	130000	0.017 J	0.029 J	0.027 J	0.098	0.083
Chloroform	ug/m3	53	5.3	0.53	430	1300	1.1	2.3	3.1	15	26 J
Chloromethane	ug/m3	---	---	---	390	1200	0.56 J	0.34	0.37	0.46	0.81 J
cis-1,2-Dichloroethene	ug/m3	---	---	---	---	---	0.041 U	0.018 U	0.019 U	0.02 U	0.046 U
Dichlorodifluoromethane	ug/m3	---	---	---	440	1300	2.6	2.9	3.4	2.9	2.8 J
Methylene Chloride	ug/m3	120000	12000	1200	2600	7800	0.29	1	0.63	1.2	0.42 J
Tetrachloroethene	ug/m3	4700	470	47	180	540	2.1	0.17	0.093	0.25	0.74
trans-1,2-Dichloroethene	ug/m3	---	---	---	---	---	0.041 U	0.015 U	0.015 U	0.016 U	0.046 U
Trichloroethylene	ug/m3	300	30	3	8.8	---	1.6 J	0.019 J	0.024 J	0.033 J	0.069 J
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	---	130000	390000	0.56	0.7	0.51	0.74	0.59 J
Vinyl Chloride	ug/m3	280	28	2.8	440	1300	0.041 U	0.015 U	0.016 U	0.031 J	0.064 J

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

NR = Analyte not reported by lab for TO15 SIM analysis

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**Italics results** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 2**  
**Indoor and Crawl Space Air Results - Residential**  
**Keystone Corridor Groundwater Contamination Site**

		Residential Screening Levels					RP-039	RP-039	RP-041	RP-041	RP-042	RP-042	RP-047	RP-062	RP-062
		Indoor Air RSL (CR = 1E-04)	Indoor Air RSL (CR = 1E-05)	Indoor Air RSL (CR = 1E-06)	Indoor Air RSL (HI = 1)	Indoor Air RSL (HI = 3)	KC-RP-039-CS-01- 022217 2/22/2017	KC-RP-039-IA-01- 022217 2/22/2017	KC-RP-041-CS-01- 022517 2/25/2017	KC-RP-041-IA-01- 022517 2/25/2017	KC-RP-042-CS-01- 022517 2/25/2017	KC-RP-042-IA-01- 022817 2/28/2017	KC-RP-047-IA-01- 022217 2/22/2017	KC-RP-062-IA-01- 022517 2/25/2017	KC-RP-062-IA-02- 022517 2/25/2017
1,1,1-Trichloroethane	ug/m3	---	---	---	5200	16000	1.8	3.3	0.62 J	0.36 J	0.82	0.39 J	2	0.08 J	0.069 J
1,1,2,2-Tetrachloroethane	ug/m3	4.8	0.48	0.048	---	---	0.042 U	0.039 U	0.034 U	<b>0.06</b>	0.037 U	0.032 U	0.041 U	0.038 U	0.032 U
1,1,2-Trichloroethane	ug/m3	18	1.8	0.18	0.21	0.63	0.17 U	0.15 U	0.14 U	0.17 U	0.15 U	0.13 U	0.17 U	0.15 U	0.13 U
1,1-Dichloroethane	ug/m3	180	18	1.8	---	---	0.042 U	0.019 J	0.051 J	0.42 J	0.037 U	0.032 U	0.043	0.019 J	0.032 U
1,1-Dichloroethene	ug/m3	---	---	---	210	630	0.042 U	0.017 J	0.034 U	0.043 U	0.037 U	0.032 U	0.019 J	0.038 U	0.032 U
1,2-Dibromo-3-chloropropane	ug/m3	0.017	0.0017	0.00017	0.21	0.63	0.17 U	0.15 U	0.14 U	0.17 U	0.15 U	0.13 U	0.17 U	0.15 U	0.13 U
1,2-Dibromoethane	ug/m3	0.47	0.047	0.0047	9.4	28	0.042 U	0.039 U	0.014 J	0.043 U	0.037 U	0.032 U	0.041 U	<b>0.046 J</b>	0.032 U
1,2-Dichloroethane	ug/m3	11	1.1	0.11	7.3	22	0.5	0.22	0.17 J	<b>1.1 J</b>	0.093	0.13 J	3.7	0.11 J	0.093 J
1,2-Dichloropropane	ug/m3	28	2.8	0.28	4.2	13	0.017 J	0.034 J	0.024 J	0.04 J	0.021 J	0.029 J	0.032 J	0.032 J	0.036 J
Bromodichloromethane	ug/m3	7.6	0.76	0.076	---	---	0.28	<b>1.8</b>	0.034 U	<b>0.47 J</b>	0.037 U	0.032 U	<b>1.8</b>	0.037 J	<b>0.23 J</b>
Bromomethane	ug/m3	---	---	---	5.2	16	0.042 U	0.032 J	0.048 J	0.049 J	0.037 U	0.036 J	0.039 J	0.033 J	0.026 J
Carbon tetrachloride	ug/m3	47	4.7	0.47	100	300	1	1.2	0.74 J	0.86 J	0.8 J	0.74 J	0.59	0.5 J	0.51 J
Chlorodibromomethane	ug/m3	---	---	---	---	---	0.042 J	0.28	0.034 U	0.1 J	0.037 U	0.032 U	0.34	0.027 J	0.042 J
Chloroethane	ug/m3	---	---	---	10000	30000	0.042 U	0.029 J	0.034 U	0.092 J	0.037 U	0.019 J	0.068	0.029 J	0.025 J
Chloroform	ug/m3	12	1.2	0.12	100	300	1.2	5.2	0.54 J	2.4 J	1.1	0.66 J	5.3	0.2 J	1 J
Chloromethane	ug/m3	---	---	---	94	280	0.35	0.4	0.81 J	2.3 J	0.46 J	0.69 J	0.57	0.42 J	0.44 J
cis-1,2-Dichloroethene	ug/m3	---	---	---	---	---	0.042 U	0.025 J	0.034 U	0.043 U	0.037 U	0.032 U	0.019 J	0.038 J	0.032 U
Dichlorodifluoromethane	ug/m3	---	---	---	100	300	2.5	2.7	3.8 J	2.3 J	2.7	3.2 J	2.3	2.9 J	2.8 J
Methylene Chloride	ug/m3	10000	1000	100	630	1900	2.5	1.3	0.68 J	1.1 J	0.43	0.47 J	33	0.51 J	0.34 J
Tetrachloroethene	ug/m3	1100	110	11	42	130	<b>67</b>	<b>190</b>	8.8 J	6.4 J	7.8	3.2 J	5.4	0.27 J	0.28 J
trans-1,2-Dichloroethene	ug/m3	---	---	---	---	---	0.042 U	0.02 J	0.012 J	0.043 U	0.037 U	0.01 J	0.016 J	0.042 J	0.032 U
Trichloroethylene	ug/m3	48	4.8	0.48	2.1	---	<b>2.2</b>	<b>6.3</b>	0.4 J	0.28 J	<b>0.5 J</b>	0.23 J	<b>4.5</b>	0.06 J	0.022 J
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	---	31000	94000	2.2	0.54	0.87 J	0.56 J	0.57	0.65 J	0.53	0.57 J	0.58 J
Vinyl Chloride	ug/m3	17	1.7	0.17	100	300	0.042 U	0.039 U	0.034 U	0.043 U	0.037 U	0.032 U	0.041 U	0.012 J	0.032 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

**Italics results** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 3**  
**Subslab Vapor Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-003	CP-008	CP-010	CP-010	CP-010	CP-010	CP-010	CP-010
		Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	KC-CP-003-SS-01-022417	KC-CP-008-SS-01-022117	KC-CP-010-SS-01-022117	KC-CP-010-SS-02-022117	KC-CP-010-SS-03-022117	KC-CP-010-SS-04-022117	KC-CP-010-SS-05-022117	KC-CP-010-SS-06-022117
		(CR = 1E-04)	(CR = 1E-05)	(CR = 1E-06)	(HI = 1)	(HI = 3)	2/24/2017	2/21/2017	2/21/2017	2/21/2017	2/21/2017	2/21/2017	2/21/2017	2/21/2017
1,1,1-Trichloroethane	ug/m3	---	---	--	730000	220000	0.47 J	0.78	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.48 J
1,1,2,2-Tetrachloroethane	ug/m3	700	70	7	--	---	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
1,1,2-Trichloroethane	ug/m3	2600	260	26	29	88	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
1,1-Dichloroethane	ug/m3	26000	2600	260	--	---	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
1,1-Dichloroethene	ug/m3	---	---	--	29000	88000	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
1,2-Dibromo-3-chloropropane	ug/m3	6.8	0.68	0.07	29	88	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
1,2-Dibromoethane	ug/m3	68	6.8	0.68	1300	3900	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
1,2-Dichloroethane	ug/m3	1600	160	16	1000	3100	1.5 UJ	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
1,2-Dichloropropane	ug/m3	4100	410	41	580	1800	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
Bromodichloromethane	ug/m3	1100	110	11	--	---	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
Bromoform	ug/m3	37000	3700	370	--	---	0.34 J	0.74 U	8.2 U	0.74 U	0.75 U	0.27 J	0.32 J	0.7 U
Bromomethane	ug/m3	---	---	--	730	2200	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
Carbon tetrachloride	ug/m3	6800	680	68	15000	44000	0.25 J	0.74 U	8.2 U	0.74 U	0.75 U	0.31 J	0.71 U	0.7 U
Chlorodibromomethane	ug/m3	---	---	--	--	---	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
Chloroethane	ug/m3	---	---	--	1500000	4400000	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
Chloroform	ug/m3	1800	180	18	14000	43000	0.64 J	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
Chloromethane	ug/m3	---	---	--	13000	39000	1.5 UJ	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
cis-1,2-Dichloroethene	ug/m3	---	---	--	--	---	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
Dichlorodifluoromethane	ug/m3	---	---	--	15000	44000	4,000	76	3.2 J	5.8	2.5	310	14	4.1
Methylene Chloride	ug/m3	4100000	410000	41000	88000	260000	0.75 U	0.74 U	8.2 U	0.32 J	0.44 J	0.75	0.52 J	0.7 U
Tetrachloroethene	ug/m3	160000	16000	1600	5800	18000	48	0.64 J	1,300	100	11	23	31	130
trans-1,2-Dichloroethene	ug/m3	---	---	--	--	---	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
Trichloroethylene	ug/m3	10000	1000	100	290	---	0.23 J	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	--	4400000	13000000	0.43 J	0.4 J	8.2 U	0.42 J	0.41 J	0.4 J	0.45 J	0.38 J
Vinyl Chloride	ug/m3	9300	930	93	15000	44000	0.75 U	0.74 U	8.2 U	0.74 U	0.75 U	0.73 U	0.71 U	0.7 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

***Italics results*** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 3**  
**Subslab Vapor Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-010	CP-010	CP-010	CP-011	CP-011	CP-013	CP-013	CP-013
		Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	KC-CP-010-SS-07-022117	KC-CP-010-SS-08-022117	KC-CP-010-SS-09-022117	KC-CP-011-SS-01-022317	KC-CP-011-SS-02-022317	KC-CP-013-SS-01-022417	KC-CP-013-SS-02-022417	KC-CP-013-SS-03-022317
		(CR = 1E-04)	(CR = 1E-05)	(CR = 1E-06)	(HI = 1)	(HI = 3)	2/21/2017	2/21/2017	2/21/2017	2/23/2017	2/23/2017	2/24/2017	2/24/2017	2/23/2017
1,1,1-Trichloroethane	ug/m3	---	---	--	730000	220000	1	2.3 J	1.4	0.72 U	0.72 U	130 U	540 U	78 U
1,1,2,2-Tetrachloroethane	ug/m3	700	70	7	--	---	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
1,1,2-Trichloroethane	ug/m3	2600	260	26	29	88	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
1,1-Dichloroethane	ug/m3	26000	2600	260	--	---	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
1,1-Dichloroethene	ug/m3	---	---	--	29000	88000	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
1,2-Dibromo-3-chloropropane	ug/m3	6.8	0.68	0.07	29	88	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
1,2-Dibromoethane	ug/m3	68	6.8	0.68	1300	3900	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
1,2-Dichloroethane	ug/m3	1600	160	16	1000	3100	0.76 U	2.5 U	0.7 U	1.4 UJ	1.4 UJ	260 UJ	1,100 UJ	78 U
1,2-Dichloropropane	ug/m3	4100	410	41	580	1800	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
Bromodichloromethane	ug/m3	1100	110	11	--	---	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
Bromoform	ug/m3	37000	3700	370	--	---	0.76 U	2.5 U	0.29 J	0.31 J	0.29 J	130 U	540 U	78 U
Bromomethane	ug/m3	---	---	--	730	2200	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
Carbon tetrachloride	ug/m3	6800	680	68	15000	44000	0.76 U	2.5 U	0.41 J	0.35 J	0.27 J	130 U	540 U	78 U
Chlorodibromomethane	ug/m3	---	---	--	--	---	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
Chloroethane	ug/m3	---	---	--	1500000	4400000	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
Chloroform	ug/m3	1800	180	18	14000	43000	0.76 U	2.5 U	<b>19</b>	10	0.53 J	130 U	540 U	78 U
Chloromethane	ug/m3	---	---	--	13000	39000	0.76 U	2.5 U	0.7 U	1.4 UJ	1.4 UJ	260 UJ	1,100 UJ	78 U
cis-1,2-Dichloroethene	ug/m3	---	---	--	--	---	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
Dichlorodifluoromethane	ug/m3	---	---	--	15000	44000	4.8	2.8	2.5	3.2 J	2	130 U	540 U	78 U
Methylene Chloride	ug/m3	4100000	410000	41000	88000	260000	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
Tetrachloroethene	ug/m3	160000	16000	1600	5800	18000	66	400	690	110	250	<b>18,000</b>	<b>99,000</b>	<b>11,000</b>
trans-1,2-Dichloroethene	ug/m3	---	---	--	--	---	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U
Trichloroethylene	ug/m3	10000	1000	100	290	---	0.76 U	2.5 U	0.7 U	1.4	0.72 U	96 J	<b>1,100</b>	22 J
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	--	4400000	13000000	0.39 J	2.5 U	0.4 J	0.44 J	0.42 J	130 U	540 U	78 U
Vinyl Chloride	ug/m3	9300	930	93	15000	44000	0.76 U	2.5 U	0.7 U	0.72 U	0.72 U	130 U	540 U	78 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

***Italics results*** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 3**  
**Subslab Vapor Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-016							
		Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	KC-CP-016-SS-01-022717	KC-CP-016-SS-02-022717	KC-CP-016-SS-03-022417	KC-CP-016-SS-04-022417	KC-CP-016-SS-05-022417	KC-CP-016-SS-06-022417	KC-CP-016-SS-07-022717	KC-CP-016-SS-08-022717
		(CR = 1E-04)	(CR = 1E-05)	(CR = 1E-06)	(HI = 1)	(HI = 3)	2/27/2017	2/27/2017	2/24/2017	2/24/2017	2/24/2017	2/24/2017	2/27/2017	2/27/2017
1,1,1-Trichloroethane	ug/m3	---	---	--	730000	220000	530	760	1,200	770	2,600	1,100	1,700	1,000
1,1,2,2-Tetrachloroethane	ug/m3	700	70	7	--	---	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
1,1,2-Trichloroethane	ug/m3	2600	260	26	29	88	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
1,1-Dichloroethane	ug/m3	26000	2600	260	--	---	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
1,1-Dichloroethene	ug/m3	---	---	--	29000	88000	8.5	10	40 U	3.8 U	15 U	83 U	37 U	470 U
1,2-Dibromo-3-chloropropane	ug/m3	6.8	0.68	0.07	29	88	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
1,2-Dibromoethane	ug/m3	68	6.8	0.68	1300	3900	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
1,2-Dichloroethane	ug/m3	1600	160	16	1000	3100	0.73 U	0.73 U	80 UJ	7.5 UJ	15 U	83 U	37 U	470 U
1,2-Dichloropropane	ug/m3	4100	410	41	580	1800	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
Bromodichloromethane	ug/m3	1100	110	11	--	---	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
Bromoform	ug/m3	37000	3700	370	--	---	0.73 U	0.28 J	40 U	3.8 U	15 U	83 U	37 U	470 U
Bromomethane	ug/m3	---	---	--	730	2200	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
Carbon tetrachloride	ug/m3	6800	680	68	15000	44000	4.3	5.8	40 U	2.8 J	15 U	83 U	37 U	470 U
Chlorodibromomethane	ug/m3	---	---	--	--	---	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
Chloroethane	ug/m3	---	---	--	1500000	4400000	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
Chloroform	ug/m3	1800	180	18	14000	43000	0.33 J	2.9	40 U	3.8 U	15 U	83 U	37 U	470 U
Chloromethane	ug/m3	---	---	--	13000	39000	0.73 UJ	0.73 UJ	80 UJ	7.5 UJ	15 U	83 U	37 UJ	470 UJ
cis-1,2-Dichloroethene	ug/m3	---	---	--	--	---	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
Dichlorodifluoromethane	ug/m3	---	---	--	15000	44000	2.5	2.4	40 U	2.6 J	15 U	83 U	37 U	470 U
Methylene Chloride	ug/m3	4100000	410000	41000	88000	260000	1.6	7	40 U	3.8 U	15 U	83 U	37 U	190 J
Tetrachloroethene	ug/m3	160000	16000	1600	5800	18000	84	31	<b>6,100</b>	630	<b>1,600</b>	<b>14,000</b>	<b>7,100</b>	<b>67,000</b>
trans-1,2-Dichloroethene	ug/m3	---	---	--	--	---	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U
Trichloroethylene	ug/m3	10000	1000	100	290	---	<b>130</b>	<b>180</b>	<b>3,000</b>	62	<b>2,400</b>	<b>11,000</b>	<b>2,900</b>	<b>5,400</b>
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	--	4400000	13000000	2	3.3	40 U	3.1 J	11 J	83 U	37 U	470 U
Vinyl Chloride	ug/m3	9300	930	93	15000	44000	0.73 U	0.73 U	40 U	3.8 U	15 U	83 U	37 U	470 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

***Italics results*** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 3**  
**Subslab Vapor Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-016	CP-016	CP-016	CP-016	CP-017	CP-017	CP-017	CP-017
		Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	KC-CP-016-SS-09-022317	KC-CP-016-SS-10-022317	KC-CP-016-SS-11-022217	KC-CP-016-SS-12-022217	KC-CP-017-SS-01-022217	KC-CP-017-SS-02-022217	KC-CP-017-SS-03-022217	KC-CP-017-SS-04-022217
		(CR = 1E-04)	(CR = 1E-05)	(CR = 1E-06)	(HI = 1)	(HI = 3)	2/23/2017	2/23/2017	2/22/2017	2/22/2017	2/22/2017	2/22/2017	2/22/2017	2/22/2017
1,1,1-Trichloroethane	ug/m3	---	---	--	730000	220000	500 J	1,400	100 J	340	410	160	740	350 U
1,1,2,2-Tetrachloroethane	ug/m3	700	70	7	--	---	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
1,1,2-Trichloroethane	ug/m3	2600	260	26	29	88	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
1,1-Dichloroethane	ug/m3	26000	2600	260	--	---	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
1,1-Dichloroethene	ug/m3	---	---	--	29000	88000	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
1,2-Dibromo-3-chloropropane	ug/m3	6.8	0.68	0.07	29	88	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
1,2-Dibromoethane	ug/m3	68	6.8	0.68	1300	3900	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
1,2-Dichloroethane	ug/m3	1600	160	16	1000	3100	540 U	790 UJ	130 U	150 U	380 U	76 U	500 U	350 U
1,2-Dichloropropane	ug/m3	4100	410	41	580	1800	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Bromodichloromethane	ug/m3	1100	110	11	--	---	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Bromoform	ug/m3	37000	3700	370	--	---	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Bromomethane	ug/m3	---	---	--	730	2200	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Carbon tetrachloride	ug/m3	6800	680	68	15000	44000	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Chlorodibromomethane	ug/m3	---	---	--	--	---	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Chloroethane	ug/m3	---	---	--	1500000	4400000	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Chloroform	ug/m3	1800	180	18	14000	43000	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Chloromethane	ug/m3	---	---	--	13000	39000	540 U	790 UJ	130 U	150 U	380 U	76 U	500 U	350 U
cis-1,2-Dichloroethene	ug/m3	---	---	--	--	---	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Dichlorodifluoromethane	ug/m3	---	---	--	15000	44000	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Methylene Chloride	ug/m3	4100000	410000	41000	88000	260000	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Tetrachloroethene	ug/m3	160000	16000	1600	5800	18000	<b>92,000</b>	<b>65,000</b>	<b>22,000</b>	<b>26,000</b>	<b>65,000</b>	<b>11,000</b>	<b>150,000</b>	<b>54,000</b>
trans-1,2-Dichloroethene	ug/m3	---	---	--	--	---	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Trichloroethylene	ug/m3	10000	1000	100	290	---	<b>1,900</b>	<b>2,900</b>	130 U	44 J	<b>210 J</b>	90	<b>4,300</b>	350 U
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	--	4400000	13000000	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U
Vinyl Chloride	ug/m3	9300	930	93	15000	44000	540 U	390 U	130 U	150 U	380 U	76 U	500 U	350 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

***Italics results*** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 3**  
**Subslab Vapor Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-017	CP-017	CP-018	CP-018	CP-018	CP-019	CP-023	CP-023
		Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	KC-CP-017-SS-05-022317	KC-CP-017-SS-06-022317	KC-CP-018-SS-01-022817	KC-CP-018-SS-02-022817	KC-CP-018-SS-03-022817	KC-CP-019-SS-01-022717	KC-CP-023-SS-01-022217	KC-CP-023-SS-02-022217
		(CR = 1E-04)	(CR = 1E-05)	(CR = 1E-06)	(HI = 1)	(HI = 3)	2/23/2017	2/23/2017	2/28/2017	2/28/2017	2/28/2017	2/27/2017	2/22/2017	2/22/2017
1,1,1-Trichloroethane	ug/m3	---	---	--	730000	220000	68 U	260 U	380 U	240 J	250 U	6.5 U	370 U	210 U
1,1,2,2-Tetrachloroethane	ug/m3	700	70	7	--	---	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
1,1,2-Trichloroethane	ug/m3	2600	260	26	29	88	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
1,1-Dichloroethane	ug/m3	26000	2600	260	--	---	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
1,1-Dichloroethene	ug/m3	---	---	--	29000	88000	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
1,2-Dibromo-3-chloropropane	ug/m3	6.8	0.68	0.07	29	88	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
1,2-Dibromoethane	ug/m3	68	6.8	0.68	1300	3900	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
1,2-Dichloroethane	ug/m3	1600	160	16	1000	3100	140 UJ	520 UJ	380 U	690 U	250 U	6.5 U	370 U	210 U
1,2-Dichloropropane	ug/m3	4100	410	41	580	1800	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
Bromodichloromethane	ug/m3	1100	110	11	--	---	68 U	260 U	380 U	690 U	250 U	<b>35</b>	370 U	210 U
Bromoform	ug/m3	37000	3700	370	--	---	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
Bromomethane	ug/m3	---	---	--	730	2200	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
Carbon tetrachloride	ug/m3	6800	680	68	15000	44000	68 U	260 U	380 U	690 U	250 U	7.8	370 U	210 U
Chlorodibromomethane	ug/m3	---	---	--	--	---	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
Chloroethane	ug/m3	---	---	--	1500000	4400000	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
Chloroform	ug/m3	1800	180	18	14000	43000	68 U	260 U	380 U	690 U	250 U	<u>1,800</u>	370 U	210 U
Chloromethane	ug/m3	---	---	--	13000	39000	140 UJ	520 UJ	380 UJ	690 UJ	250 UJ	6.5 UJ	370 U	210 U
cis-1,2-Dichloroethene	ug/m3	---	---	--	--	---	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
Dichlorodifluoromethane	ug/m3	---	---	--	15000	44000	68 U	260 U	380 U	690 U	250 U	2.9 J	370 U	210 U
Methylene Chloride	ug/m3	4100000	410000	41000	88000	260000	68 U	260 U	130 J	350 J	250 U	6.5 U	370 U	210 U
Tetrachloroethene	ug/m3	160000	16000	1600	5800	18000	<b>7,600</b>	<b>50,000</b>	<b>65,000</b>	<b>120,000</b>	<b>36,000</b>	990	<b>65,000</b>	<b>32,000</b>
trans-1,2-Dichloroethene	ug/m3	---	---	--	--	---	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
Trichloroethylene	ug/m3	10000	1000	100	290	---	68 U	260 U	<b>1,300</b>	<b>1,700</b>	<b>180 J</b>	32	<b>220 J</b>	69 J
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	--	4400000	13000000	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U
Vinyl Chloride	ug/m3	9300	930	93	15000	44000	68 U	260 U	380 U	690 U	250 U	6.5 U	370 U	210 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

**Italics results** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 3**  
**Subslab Vapor Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-023							
		Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	KC-CP-023-SS-03-022217	KC-CP-023-SS-04-022217	KC-CP-023-SS-05-022217	KC-CP-023-SS-06-022217	KC-CP-023-SS-07-022217	KC-CP-023-SS-08-022217	KC-CP-023-SS-09-022217	KC-CP-023-SS-10-022217
		(CR = 1E-04)	(CR = 1E-05)	(CR = 1E-06)	(HI = 1)	(HI = 3)	2/22/2017	2/22/2017	2/22/2017	2/22/2017	2/22/2017	2/22/2017	2/22/2017	2/22/2017
1,1,1-Trichloroethane	ug/m3	---	---	--	730000	220000	140 U	54 J	380 U	300 U	530 U	700 U	510 U	15 U
1,1,2,2-Tetrachloroethane	ug/m3	700	70	7	--	---	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
1,1,2-Trichloroethane	ug/m3	2600	260	26	29	88	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
1,1-Dichloroethane	ug/m3	26000	2600	260	--	---	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
1,1-Dichloroethene	ug/m3	---	---	--	29000	88000	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
1,2-Dibromo-3-chloropropane	ug/m3	6.8	0.68	0.07	29	88	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
1,2-Dibromoethane	ug/m3	68	6.8	0.68	1300	3900	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
1,2-Dichloroethane	ug/m3	1600	160	16	1000	3100	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
1,2-Dichloropropane	ug/m3	4100	410	41	580	1800	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Bromodichloromethane	ug/m3	1100	110	11	--	---	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Bromoform	ug/m3	37000	3700	370	--	---	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Bromomethane	ug/m3	---	---	--	730	2200	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Carbon tetrachloride	ug/m3	6800	680	68	15000	44000	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Chlorodibromomethane	ug/m3	---	---	--	--	---	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Chloroethane	ug/m3	---	---	--	1500000	4400000	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Chloroform	ug/m3	1800	180	18	14000	43000	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Chloromethane	ug/m3	---	---	--	13000	39000	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
cis-1,2-Dichloroethene	ug/m3	---	---	--	--	---	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Dichlorodifluoromethane	ug/m3	---	---	--	15000	44000	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Methylene Chloride	ug/m3	4100000	410000	41000	88000	260000	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Tetrachloroethene	ug/m3	160000	16000	1600	5800	18000	<b>53,000 J</b>	<b>40,000</b>	<b>68,000</b>	<b>71,000</b>	<b>65,000</b>	<b>90,000</b>	<b>78,000</b>	4,700
trans-1,2-Dichloroethene	ug/m3	---	---	--	--	---	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Trichloroethylene	ug/m3	10000	1000	100	290	---	210	140 J	280 J	390	530 U	700 U	510 U	20
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	--	4400000	13000000	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U
Vinyl Chloride	ug/m3	9300	930	93	15000	44000	140 U	160 U	380 U	300 U	530 U	700 U	510 U	15 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

***Italics results*** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 3**  
**Subslab Vapor Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-024	CP-024	CP-024	CP-027	CP-027	CP-053	CP-056	CP-056
		Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	Soil Vapor VISL	KC-CP-024-SS-01-022217	KC-CP-024-SS-02-022217	KC-CP-024-SS-03-022217	KC-CP-027-SS-01-022317	KC-CP-027-SS-02-022317	KC-CP-053-SS-01-022417	KC-CP-056-SS-01-022517	KC-CP-056-SS-02-022517
		(CR = 1E-04)	(CR = 1E-05)	(CR = 1E-06)	(HI = 1)	(HI = 3)	2/22/2017	2/22/2017	1/1/2017	2/23/2017	2/23/2017	2/24/2017	2/25/2017	2/25/2017
1,1,1-Trichloroethane	ug/m3	---	---	--	730000	220000	89 U	340 U	140 J	410	550	2,300	530	390
1,1,2,2-Tetrachloroethane	ug/m3	700	70	7	--	---	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
1,1,2-Trichloroethane	ug/m3	2600	260	26	29	88	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
1,1-Dichloroethane	ug/m3	26000	2600	260	--	---	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.35 J
1,1-Dichloroethene	ug/m3	---	---	--	29000	88000	89 U	340 U	180 U	120 U	140 U	16 U	3.6 J	1.7
1,2-Dibromo-3-chloropropane	ug/m3	6.8	0.68	0.07	29	88	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
1,2-Dibromoethane	ug/m3	68	6.8	0.68	1300	3900	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
1,2-Dichloroethane	ug/m3	1600	160	16	1000	3100	89 U	340 U	180 U	120 U	140 U	31 UJ	0.78 U	0.81 U
1,2-Dichloropropane	ug/m3	4100	410	41	580	1800	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
Bromodichloromethane	ug/m3	1100	110	11	--	---	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
Bromoform	ug/m3	37000	3700	370	--	---	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
Bromomethane	ug/m3	---	---	--	730	2200	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
Carbon tetrachloride	ug/m3	6800	680	68	15000	44000	89 U	340 U	180 U	<b>490</b>	<b>250</b>	16 U	4.2	2.6
Chlorodibromomethane	ug/m3	---	---	--	--	---	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
Chloroethane	ug/m3	---	---	--	1500000	4400000	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
Chloroform	ug/m3	1800	180	18	14000	43000	89 U	340 U	180 U	<b>2,900</b>	<b>310</b>	16 U	<b>73</b>	7.8
Chloromethane	ug/m3	---	---	--	13000	39000	89 U	340 U	180 U	120 U	140 U	31 UJ	0.78 U	0.81 U
cis-1,2-Dichloroethene	ug/m3	---	---	--	--	---	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
Dichlorodifluoromethane	ug/m3	---	---	--	15000	44000	89 U	340 U	180 U	120 U	140 U	240	3.1	2.7
Methylene Chloride	ug/m3	4100000	410000	41000	88000	260000	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
Tetrachloroethene	ug/m3	160000	16000	1600	5800	18000	<b>14,000</b>	<b>50,000</b>	<b>24,000</b>	<b>20,000</b>	<b>26,000</b>	9.8 J	230	77
trans-1,2-Dichloroethene	ug/m3	---	---	--	--	---	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U
Trichloroethylene	ug/m3	10000	1000	100	290	---	91	<b>270 J</b>	<b>320</b>	<b>1,000</b>	<b>1,400</b>	4.9 J	95	76
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	--	4400000	13000000	89 U	340 U	180 U	120 U	140 U	19	6	4
Vinyl Chloride	ug/m3	9300	930	93	15000	44000	89 U	340 U	180 U	120 U	140 U	16 U	0.78 U	0.81 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

***Italics results*** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 3**  
**Subslab Vapor Results - Commercial**  
**Keystone Corridor Groundwater Contamination Site**

		Commercial Screening Levels					CP-064	CP-067	CP-067
		Soil Vapor VISL (CR = 1E-04)	Soil Vapor VISL (CR = 1E-05)	Soil Vapor VISL (CR = 1E-06)	Soil Vapor VISL (HI = 1)	Soil Vapor VISL (HI = 3)	KC-CP-064-SS-01- 032317 3/23/2017	KC-CP-067-SS-01- 022717 2/27/2017	KC-CP-067-SS-02- 022717 2/27/2017
1,1,1-Trichloroethane	ug/m3	---	---	--	730000	220000	76	2.3	1.2
1,1,2,2-Tetrachloroethane	ug/m3	700	70	7	--	---	0.22 U	0.72 U	0.75 U
1,1,2-Trichloroethane	ug/m3	2600	260	26	29	88	0.23 U	0.72 U	0.75 U
1,1-Dichloroethane	ug/m3	26000	2600	260	--	---	0.23 U	0.72 U	0.75 U
1,1-Dichloroethene	ug/m3	---	---	--	29000	88000	0.25 U	0.72 U	0.75 U
1,2-Dibromo-3-chloropropane	ug/m3	6.8	0.68	0.07	29	88	0.14 U	0.72 U	0.75 U
1,2-Dibromoethane	ug/m3	68	6.8	0.68	1300	3900	0.23 U	0.72 U	0.75 U
1,2-Dichloroethane	ug/m3	1600	160	16	1000	3100	0.23 U	0.72 U	0.75 U
1,2-Dichloropropane	ug/m3	4100	410	41	580	1800	0.23 U	0.72 U	0.75 U
Bromodichloromethane	ug/m3	1100	110	11	--	---	0.22 U	0.72 U	0.75 U
Bromoform	ug/m3	37000	3700	370	--	---	0.22 U	0.72 U	0.75 U
Bromomethane	ug/m3	---	---	--	730	2200	0.28 U	0.72 U	0.75 U
Carbon tetrachloride	ug/m3	6800	680	68	15000	44000	0.22 U	0.43 J	0.24 J
Chlorodibromomethane	ug/m3	---	---	--	--	---	0.23 U	0.72 U	0.75 U
Chloroethane	ug/m3	---	---	--	1500000	4400000	0.25 U	0.72 U	0.75 U
Chloroform	ug/m3	1800	180	18	14000	43000	1.3	0.72 U	0.75 U
Chloromethane	ug/m3	---	---	--	13000	39000	0.22 U	0.72 UJ	0.75 UJ
cis-1,2-Dichloroethene	ug/m3	---	---	--	--	---	0.23 U	0.72 U	0.75 U
Dichlorodifluoromethane	ug/m3	---	---	--	15000	44000	2.2	2.4	2.3
Methylene Chloride	ug/m3	4100000	410000	41000	88000	260000	0.25 U	0.72 U	0.75 U
Tetrachloroethene	ug/m3	160000	16000	1600	5800	18000	0.87	150	71
trans-1,2-Dichloroethene	ug/m3	---	---	--	--	---	0.28 U	0.72 U	0.75 U
Trichloroethylene	ug/m3	10000	1000	100	290	---	0.2 U	0.72 U	0.75 U
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	---	---	--	4400000	13000000	0.43 J	0.42 J	0.39 J
Vinyl Chloride	ug/m3	9300	930	93	15000	44000	0.25 U	0.72 U	0.75 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

***Italics results*** indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)

**Table 4**  
**Subslab Vapor Results - Residential**  
**Keystone Corridor Groundwater Contamination Site**

		Residential Screening Levels					RP-039	RP-042	RP-047	RP-062
		Soil Vapor VISL (CR = 1E-04)	Soil Vapor VISL (CR = 1E-05)	Soil Vapor VISL (CR = 1E-06)	Soil Vapor VISL (HI = 1)	Soil Vapor VISL (HI = 3)	KC-RP-039-SS-01- 022117 2/21/2017	KC-RP-042-SS-01- 022417 2/24/2017	KC-RP-047-SS-01- 022117 2/21/2017	KC-RP-062-SS-01- 022417 2/24/2017
1,1,1-Trichloroethane	ug/m3	---	---	--	170000	520000	170	130	39	30
1,1,2,2-Tetrachloroethane	ug/m3	160	16	1.6	--	--	54 U	0.81 U	0.73 U	0.79 U
1,1,2-Trichloroethane	ug/m3	580	58	5.8	7	21	54 U	0.81 U	0.73 U	0.79 U
1,1-Dichloroethane	ug/m3	5800	580	58	--	--	54 U	0.81 U	0.73 U	0.79 U
1,1-Dichloroethene	ug/m3		---	--	7000	21000	54 U	0.54 J	0.73 U	0.79 U
1,2-Dibromo-3-chloropropane	ug/m3	0.56	0.06	0.01	7	21	54 U	0.81 U	0.73 U	0.79 U
1,2-Dibromoethane	ug/m3	16	1.6	0.16	310	940	54 U	0.81 U	0.73 U	0.79 U
1,2-Dichloroethane	ug/m3	360	36	3.6	240	730	54 U	0.81 U	0.73 U	0.79 U
1,2-Dichloropropane	ug/m3	940	94	9.4	140	420	54 U	0.81 U	0.73 U	0.79 U
Bromodichloromethane	ug/m3	250	25	2.5	--	--	54 U	0.32 J	0.73 U	0.79 U
Bromoform	ug/m3	8500	850	85	--	--	54 U	0.81 U	0.73 U	0.79 U
Bromomethane	ug/m3	--	---	--	170	520	54 U	0.55 J	0.73 U	0.79 U
Carbon tetrachloride	ug/m3	1600	160	16	3500	10000	37 J	49	0.66 J	0.79 U
Chlorodibromomethane	ug/m3	--	---	--	--	--	54 U	0.81 U	0.73 U	0.79 U
Chloroethane	ug/m3	--	---	--	350000	1000000	54 U	0.81 U	0.73 U	0.79 U
Chloroform	ug/m3	410	41	4.1	3400	10000	55	150	4.9	1.5
Chloromethane	ug/m3	--	---	--	3100	9400	54 U	0.44 J	0.73 U	0.79 U
cis-1,2-Dichloroethene	ug/m3	--	---	--	--	--	54 U	0.81 U	0.73 U	0.79 U
Dichlorodifluoromethane	ug/m3	--	---	--	3500	10000	54 U	2	2.1	2.2
Methylene Chloride	ug/m3	340000	340000	3400	21000	63000	54 U	0.81 U	1.2	0.79 U
Tetrachloroethene	ug/m3	36000	3600	360	1400	4200	7,700	760	95	310
trans-1,2-Dichloroethene	ug/m3	--	---	--	--	--	54 U	0.81 U	0.73 U	0.79 U
Trichloroethylene	ug/m3	1600	160	16	70	--	260	87	33	9.2
Trichlorotrifluoroethane <sup>a</sup>	ug/m3	--	---	--	1040000	3100000	54 U	0.46 J	0.4 J	0.43 J
Vinyl Chloride	ug/m3	560	56	5.6	3500	10000	54 U	0.81 U	0.73 U	0.79 U

<sup>a</sup> RSL for 1,1,2-trichloro-1,2,2-trifluoroethane used as a surrogate for trichlorotrifluoroethane.

" --- " means no screening level available

Underlined results indicate exceedence of screening level (CR = 1E-04)

*Italics results* indicate exceedence of screening level (CR = 1E-05)

**Boxed results** indicate exceedence of screening level (CR = 1E-06)

**Bold results** indicate exceedence of screening level (HI = 1)

**Highlighted results** indicate exceedence of screening level (HI = 3)