Appendix F
Details of Perimeter Soil Gas Sampling

Table F-1: Details of Perimeter Soil Gas Sampling – RSE Investigation

Well ID	Round	EPA ID	Earth Tech ID	Date of Sample collection	Sample Type	Laboratory Type	Analysis Type	
							EPA Method TO-14 (VOCs)	ASTM D1946 (Fixed Gases)
PZ1	1	LK266	AA 3-PZ1SG-S01-D000	12/3/2002	Regular	Fixed	√	√
	1	LK267	AA 3-PZ1SG-D02-D000	12/3/2002	Duplicate of LK266	Fixed	√	√
	2	LK314	AA3-PZ01SG-S01-D0321	03/21/2003	Regular	Fixed	√	√
PZ2	2	LK265	AA 3-PZ2SG-S01-D000	12/3/2002	Regular	Fixed	√	√
	2	LK315	AA3-PZ02SG-S01-D0321	03/21/2003	Regular	Fixed	√	√
PZ3	1	LK268	AA 3-PZ3SG-S01-D000	12/3/2002	Regular	Fixed	√	√
	2	LK316	AA3-PZ03SG-S01-D0321	03/21/2003	Regular	Fixed	√	√
PG1S	1	LK269	AA 3-PG1SSG-S01-D000	12/3/2002	Regular	Fixed	√	√
	2	LK304	AA3-PG01SSG-S01-D0320	03/20/2003	Regular	Fixed	√	√
PG1M	1	LK270	AA 3-PG1MSG-S01-D000	12/3/2002	Regular	Fixed	√	√
	2	LK305	AA3-PG01MSG-S01-D0320	03/20/2003	Regular	Fixed	√	√
PG1D	1	LK271	AA 3-PG1DSG-S01-D000	12/3/2002	Regular	Fixed	√	√
	2	LK303	AA3-PG01DSG-S01-D0320	03/20/2003	Regular	Fixed	√	√
PG2S	1	LK272	AA 3-PG2SSG-S01-D000	12/3/2002	Regular	Fixed	√	√
	2	LK306	AA3-PG02SSG-S01-D0320	03/20/2003	Regular	Fixed	√	√
PG2M	1	LK273	AA 3-PG2MSG-S01-D000	12/3/2002	Regular	Fixed	√	√
	2	LK307	AA3-PG02MSG-S01-D0320	03/20/2003	Regular	Fixed	√	√
PG2D	1	LK274	AA 3-PG2DSG-S01-D000	12/3/2002	Regular	Fixed	√	√
	2	LK308	AA3-PG02DSG-S01-D0320	03/20/2003	Regular	Fixed	√	√
PG3S	1	LK275	AA 3-PG3SSG-S01-D000	12/3/2002	Regular	Fixed	√	√
	2	LK309	AA3-PG03SSG-S01-D0320	03/20/2003	Regular	Fixed	√	√
	2	LK310	AA3-PG03SSG-D02-D0320	03/20/2003	Duplicate of LK309	Fixed	√	√
PG3M	1	LK276	AA 3-PG3MSG-S01-D000	12/3/2002	Regular	Fixed	√	√
	1	LK277	AA 3-PG3MSG-D02-D000	12/3/2002	Duplicate of LK276	Fixed	√	√
	2	LK311	AA3-PG03MSG-S01-D0320	03/20/2003	Regular	Fixed	√	√
	2	LK312	AA3-PG03MSG-D02-D0320	03/20/2003	Duplicate of LK311	Fixed	√	√
PG3D	1	LK278	AA 3-PG3DSG-S01-D000	12/3/2002	Regular	Fixed	√	√
	2	LK317	AA3-PG03DSG-S01-D0325	03/20/2003	Regular	Fixed	√	√

Table F-2: Round 1 Perimeter Soil Gas Analytical Results - RSE Investigation

	Sample ID:	LK265	LK266	LK267	LK268	LK269	LK270	LK271	LK272	LK273	LK274	LK275	LK276	LK277	LK278
	Location ID:	AA3-PZ02	AA3-PZ01	AA3-PZ01	AA3-PZ03	AA3-PG01S	AA3-PG01M	AA3-PG01D	AA3-PG02S	AA3-PG02M	AA3-PG02D	AA3-PG03S	AA3-PG03M	AA3-PG03M	AA3-PG03D
	Sampling Date:	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002
	Sample Type:	Regular	Regular	Duplicate	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Duplicate	Regular
VOCs (EPA Method TO-14)	Units														
Freon 114	µg/L	0.0036 U	0.0036 U	0.0047 U	0.0036 U	0.0036 U	0.0071 U	0.0036 U	0.007 U	0.028 U	0.120 U	0.24 U	0.71 U	0.55 U	0.0036 U
Freon 12	µg/L	0.13	0.016	0.014	0.0037	0.0032	0.0050 U	0.0031	0.0050 U	0.020 U	0.084 U	0.17 U	0.50 U	0.39 U	0.0030
Heptane	µg/L	0.0083 U	0.0083 U	0.011 U	0.018	0.0083 U	0.017 U	0.0083 U	0.017 U	0.067 U	0.28 U	0.56 U	1.7 U	1.3 U	0.0083 U
Hexachlorobutadiene	µg/L	0.022 U	0.0217 U	0.029 U	0.0217 U	0.0217 U	0.043 U	0.0217 U	0.043 U	0.17 U	0.72 U	1.4 U	4.3 U	3.3 U	0.0217 U
Hexane	µg/L	0.0072 U	0.0072 U	0.0095 U	0.0072 U	0.0072 U	0.014 U	0.0072 U	0.014 U	0.057 U	0.24 U	0.48 U	1.4 U	1.1 U	0.012
m,p-Xylene	µg/L	0.0056	0.0033	0.0047	0.018	0.0066	0.010	0.0096	0.006	0.018 U	0.073 U	0.15 U	0.44 U	0.34 U	0.0055
Methyl tert-Butyl Ether	µg/L	0.0073 U	0.0073 U	0.0097 U	0.0073 U	0.0073 U	0.015 U	0.0073 U	0.015 U	0.059 U	0.24 U	0.49 U	1.5 U	1.1 U	0.0073 U
Methylene Chloride	µg/L	0.0088	0.0086	0.0096	0.098	0.010	0.0080	0.011	0.010	0.014 U	0.059 U	0.12 U	0.35 U	0.27 U	0.010
o-Xylene	µg/L	0.0024	0.0022 U	0.0029 U	0.0066	0.0022 U	0.0044 U	0.0033	0.0044 U	0.018 U	0.073 U	0.15 U	0.44 U	0.34 U	0.0022 U
Propylene	µg/L	0.0035 U	0.0035 U	0.0046 U	0.0035 U	0.0035 U	0.0070 U	0.0035 U	0.0070 U	0.028 U	0.12 U	0.23 U	0.70 U	0.54 U	0.0035 U
Styrene	µg/L	0.0022 U	0.0022 U	0.0029 U	0.0022 U	0.0022 U	0.0043 U	0.0022 U	0.0043 U	0.017 U	0.072 U	0.14 U	0.43 U	0.33 U	0.0022 U
Tetrachloroethene	µg/L	0.0058	0.0034 U	0.0046 U	0.0034 U	0.0034 U	0.0069 U	0.0034 U	0.0069 U	0.028 U	0.11 U	0.23 U	0.69 U	0.53 U	0.0034 U
Tetrahydrofuran	µg/L	0.21	0.22	0.14	0.24	0.092	0.58	0.31	0.99	4.0	13	27	74	65	0.0066
Toluene	µg/L	0.0083	0.0069	0.0067	0.17	0.0078	0.011	0.012	0.0070	0.015 U	0.064 U	0.13 U	0.38 U	0.29 U	0.0096
trans-1,2-Dichloroethene	µg/L	0.0080 U	0.0081 U	0.011 U	0.0081 U	0.0081 U	0.016 U	0.0081 U	0.016 U	0.064 U	0.27 U	0.54 U	1.6 U	1.2 U	0.0081 U
trans-1,3-Dichloropropene	µg/L	0.0023 U	0.0023 U	0.0031 U	0.0023 U	0.0023 U	0.0046 U	0.0023 U	0.0046 U	0.018 U	0.077 U	0.15 U	0.46 U	0.36 U	0.0023 U
Trichloroethene	µg/L	0.0027 U	0.0027 U	0.0036 U	0.0027 U	0.0027 U	0.0055 U	0.0027 U	0.0055 U	0.022 U	0.091 U	0.18 U	0.55 U	0.42 U	0.0027 U
Vinyl Acetate	µg/L	0.0072 U	0.0072 U	0.0095 U	0.0072 U	0.0072 U	0.014 U	0.0072 U	0.014 U	0.057 U	0.24 U	0.48 U	1.4 U	1.1 U	0.0072 U
Vinyl Chloride	µg/L	0.0013 U	0.0013 U	0.0017 U	0.0013 U	0.0013 U	0.0026 U	0.0013 U	0.003 U	0.010 U	0.043 U	0.087 U	0.26 U	0.20 U	0.0013 U
Fixed Gases (ASTM D-1946)															
Carbon Dioxide	%	4	0.31	3.9	4.6	1.8	2.3	0.44	1.3	1.9	2.8	1.1	2.2	2.2	3
Carbon Monoxide	%	0.002 U	0.0021 U	0.0022 U	0.0022 U	0.0029 U	0.0022 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0022 U	0.0021 U
Methane	%	0.000 U	0.00021 U	0.00022 U	0.00022 U	0.00029 U	0.00022 U	0.00021 U	0.00021 U	0.00021 U	0.00021 U	0.00021 U	0.00021 U	0.00022 U	0.00021 U
Nitrogen	%	77	77	76	77	77	77	79	78	79	78	78	80	78	78
Oxygen	%	18	17	17	16	19	18	20	19	19	17	19	19	18	18

NOTES:
µg/L = micrograms per liter
% = percent
VOCs = volatile organic compounds
AA3 = Anomaly Area 3
RSE = Removal Site Evaluation
U = indicates the analyte was not detected at or above the stated limit.
UJ = indicates the analyte was not detected at or above the stated limit. The sample detection limit is an estimated value.
J = indicates an estimated value.

Table F-3: Round 2 Perimeter Soil Gas Analytical Results - RSE Investigation

PARAMETER		Sample ID:	LK304	LK305	LK306	LK307	LK303	LK308	LK309	LK310	LK311	LK312	LK314	LK315	LK316	LK317
		Location ID:	AA3-PG01S	AA3-PG01M	AA3-PG02S	AA3-PG02M	AA3-PG01D	AA3-PG02D	AA3-PG03S	AA3-PG03S	AA3-PG03M	AA3-PG03M	AA3-PZ01	AA3-PZ02	AA3-PZ03	AA3-PG03D
		Sampling Date:	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/21/2003	3/21/2003	3/21/2003	3/20/2003
		Sample Type:	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Duplicate	Regular	Duplicate	Regular	Regular	Regular	Duplicate
VOCs	Units	Method														
1,1,1-Trichloroethane	µg/L	TO-14A	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.028 U	0.022 U	0.003 U	0.003 U	0.003 U	0.003 U
1,1,2,2-Tetrachloroethane	µg/L	TO-14A	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.035 U	0.028 U	0.003 U	0.003 U	0.003 U	0.003 U
1,1,2-Trichloroethane	µg/L	TO-14A	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.028 U	0.022 U	0.003 U	0.003 U	0.003 U	0.003 U
1,1-Dichloroethane	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.021 U	0.016 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethene	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.020 U	0.016 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2,4-Trichlorobenzene	µg/L	TO-14A	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.151 U	0.121 U	0.015 U	0.015 U	0.015 U	0.015 U
1,2,4-Trimethylbenzene	µg/L	TO-14A	0.002 U	0.004	0.003	0.003	0.003	0.002 U	0.004	0.002 U	0.025 U	0.020 U	0.003	0.002 U	0.005	0.005
1,2-Dibromoethane (EDB)	µg/L	TO-14A	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.039 U	0.031 U	0.004 U	0.004 U	0.004 U	0.004 U
1,2-Dichlorobenzene	µg/L	TO-14A	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.031 U	0.024 U	0.003 U	0.003 U	0.003 U	0.003 U
1,2-Dichloroethane	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.021 U	0.016 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.023 U	0.019 U	0.002 U	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.025 U	0.020 U	0.002 U	0.002 U	0.002 U	0.002 U
1,3-Butadiene	µg/L	TO-14A	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.045 U	0.036 U	0.004 U	0.004 U	0.004 U	0.004 U
1,3-Dichlorobenzene	µg/L	TO-14A	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.031 U	0.024 U	0.003 U	0.003 U	0.003 U	0.003 U
1,4-Dichlorobenzene	µg/L	TO-14A	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.031 U	0.024 U	0.003 U	0.003 U	0.003 U	0.003 U
1,4-Dioxane	µg/L	TO-14A	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.073 U	0.059 U	0.007 U	0.007 U	0.007 U	0.007 U
2-Butanone (Methyl Ethyl Ketone)	µg/L	TO-14A	0.006 U	0.006 U	0.006 U	0.006 U	0.054	0.006 U	0.016	0.006 U	1.529	1.798	0.006 U	0.006 U	0.006 U	0.006 U
2-Hexanone	µg/L	TO-14A	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.083 U	0.067 U	0.008 U	0.008 U	0.008 U	0.008 U
2-Propanol	µg/L	TO-14A	0.087	0.057	0.072	0.090	0.055	0.097	0.080	0.075	0.095	0.097	0.097	0.117	0.062	0.027
4-Ethyltoluene	µg/L	TO-14A	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.100 U	0.080 U	0.010 U	0.010 U	0.010 U	0.010 U
4-Methyl-2-pentanone	µg/L	TO-14A	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.083 U	0.067 U	0.008 U	0.008 U	0.008 U	0.008 U
Acetone	µg/L	TO-14A	0.020	0.016	0.017	0.015	0.021	0.015	0.019	0.012	0.290	0.290	0.017	0.017	0.019	0.015
alpha-Chlorotoluene	µg/L	TO-14A	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.026 U	0.021 U	0.003 U	0.003 U	0.003 U	0.003 U
Benzene	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.003	0.002 U	0.016 U	0.013 U	0.002	0.002	0.009	0.012
Bromodichloromethane	µg/L	TO-14A	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.136 U	0.109 U	0.014 U	0.014 U	0.014 U	0.014 U
Bromoform	µg/L	TO-14A	0.021 U	0.021 U	0.021 U	0.021 U	0.021 U	0.021 U	0.021 U	0.021 U	0.210 U	0.168 U	0.021 U	0.021 U	0.021 U	0.021 U
Bromomethane	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.020 U	0.016 U	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Disulfide	µg/L	TO-14A	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.063 U	0.051 U	0.006 U	0.006 U	0.006 U	0.006 U
Carbon Tetrachloride	µg/L	TO-14A	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.032 U	0.026 U	0.003 U	0.003 U	0.003 U	0.003 U
Chlorobenzene	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.023 U	0.019 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloroethane	µg/L	TO-14A	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.013 U	0.011 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.025 U	0.020 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloromethane	µg/L	TO-14A	0.002	0.001 U	0.001 U	0.002	0.002	0.002	0.003	0.003	0.010 U	0.008 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.020 U	0.016 U	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,3-Dichloropropene	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.023 U	0.018 U	0.002 U	0.002 U	0.002 U	0.002 U
Cyclohexane	µg/L	TO-14A	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.070 U	0.056 U	0.007 U	0.007 U	0.007 U	0.007 U
Dibromochloromethane	µg/L	TO-14A	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.173 U	0.139 U	0.017 U	0.017 U	0.017 U	0.017 U
Ethanol	µg/L	TO-14A	0.004	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.038 U	0.031 U	0.005	0.004	0.009	0.015
Ethyl Benzene	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.022 U	0.018 U	0.002 U	0.002 U	0.003	0.003
Freon 11	µg/L	TO-14A	0.003 U	0.003	0.003 U	0.003 U	0.004	0.003 U	0.003 U	0.003 U	0.029 U	0.023 U	0.003 U	0.003 U	0.003 U	0.003 U
Freon 113	µg/L	TO-14A	0.009	0.027	0.004 U	0.004 U	0.028	0.004 U	0.004 U	0.004 U	0.039 U	0.031 U	0.004 U	0.004 U	0.004 U	0.004 U
Freon 114	µg/L	TO-14A	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.036 U	0.028 U	0.004 U	0.004 U	0.004 U	0.004 U
Freon 12	µg/L	TO-14A	0.003	0.005	0.004	0.004	0.006	0.004	0.003	0.003	0.025 U	0.020 U	0.014	0.111	0.003	0.003
Heptane	µg/L	TO-14A	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.083 U	0.067 U	0.008 U	0.008 U	0.008 U	0.008 U
Hexachlorobutadiene	µg/L	TO-14A	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.217 U	0.173 U	0.022 U	0.022 U	0.022 U	0.022 U
Hexane	µg/L	TO-14A	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.072 U	0.057 U	0.007 U	0.007 U	0.007 U	0.007 U
m,p-Xylene	µg/L	TO-14A	0.003	0.004	0.003	0.004	0.003	0.003	0.005	0.003	0.022 U	0.018 U	0.006	0.005	0.013	0.011
Methyl tert-butyl ether	µg/L	TO-14A	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.073 U	0.059 U	0.007 U	0.007 U	0.007 U	0.007 U
Methylene Chloride	µg/L	TO-14A	0.014	0.011	0.011	0.011	0.007	0.011	0.011	0.007	0.019	0.014 U	0.011	0.012	0.011	0.002
o-Xylene	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.022 U	0.018 U	0.002 U	0.002 U	0.004	0.003
Propylene	µg/L	TO-14A	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.035 U	0.028 U	0.003 U	0.003 U	0.003 U	0.003 U
Styrene	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.022 U	0.017 U	0.002 U	0.002 U	0.002 U	0.002 U
Tetrachloroethene	µg/L	TO-14A	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.004	0.003 U	0.003 U	0.034 U	0.028 U	0.003 U	0.006	0.003 U	0.003 U
Tetrahydrofuran	µg/L	TO-14A	0.012	0.022	0.017	0.084	0.123	0.057	0.063	0.011	3.896	4.796	0.006 U	0.006 U	0.007	0.006 U
Toluene	µg/L	TO-14A	0.005	0.005	0.005	0.005	0.004	0.004	0.006	0.005	0.019 U	0.015 U	0.009	0.009	0.025	0.019
trans-1,2-Dichloroethene	µg/L	TO-14A	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.081 U	0.064 U	0.008 U	0.008 U	0.008 U	0.008 U

Table F-3: Round 2 Perimeter Soil Gas Analytical Results - RSE Investigation

		Sample ID:	LK304	LK305	LK306	LK307	LK303	LK308	LK309	LK310	LK311	LK312	LK314	LK315	LK316	LK317
		Location ID:	AA3-PG01S	AA3-PG01M	AA3-PG02S	AA3-PG02M	AA3-PG01D	AA3-PG02D	AA3-PG03S	AA3-PG03S	AA3-PG03M	AA3-PG03M	AA3-PZ01	AA3-PZ02	AA3-PZ03	AA3-PG03D
		Sampling Date:	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/20/2003	3/21/2003	3/21/2003	3/21/2003	3/20/2003
PARAMETER		Sample Type:	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Duplicate	Regular	Duplicate	Regular	Regular	Regular	Duplicate
trans-1,3-Dichloropropene	µg/L	TO-14A	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.023 U	0.018 U	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	µg/L	TO-14A	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.027 U	0.022 U	0.003 U	0.003 U	0.003 U	0.006
Vinyl Acetate	µg/L	TO-14A	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.072 U	0.057 U	0.007 U	0.007 U	0.007 U	0.007 U
Vinyl Chloride	µg/L	TO-14A	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.013 U	0.010 U	0.001 U	0.001 U	0.001 U	0.001
Fixed Gases																
Carbon Dioxide	%	ASTM D-1946	2	10	2	2.1	12	2.6	1.9	1.9	2.1	2	3	3.1	3.2	2.4
Carbon Monoxide	%	ASTM D-1946	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methane	%	ASTM D-1946	0.00019	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nitrogen	%	ASTM D-1946	77	77	75	76	77	75	76	74	75	75	74	74	75	75
Oxygen	%	ASTM D-1946	18	8	18	18	6.2	18	19	19	18	18	18	18	18	19

NOTES:

µg/L = micrograms per liter

% = percent

VOCs = volatile organic compounds

AA3 = Anomaly Area 3

RSE = Removal Site Evaluation

U = indicates the analyte was not detected at or above the stated limit.

UJ = indicates the analyte was not detected at or above the stated limit. The sample detection limit is an estimated value.

J = indicates an estimated value.