

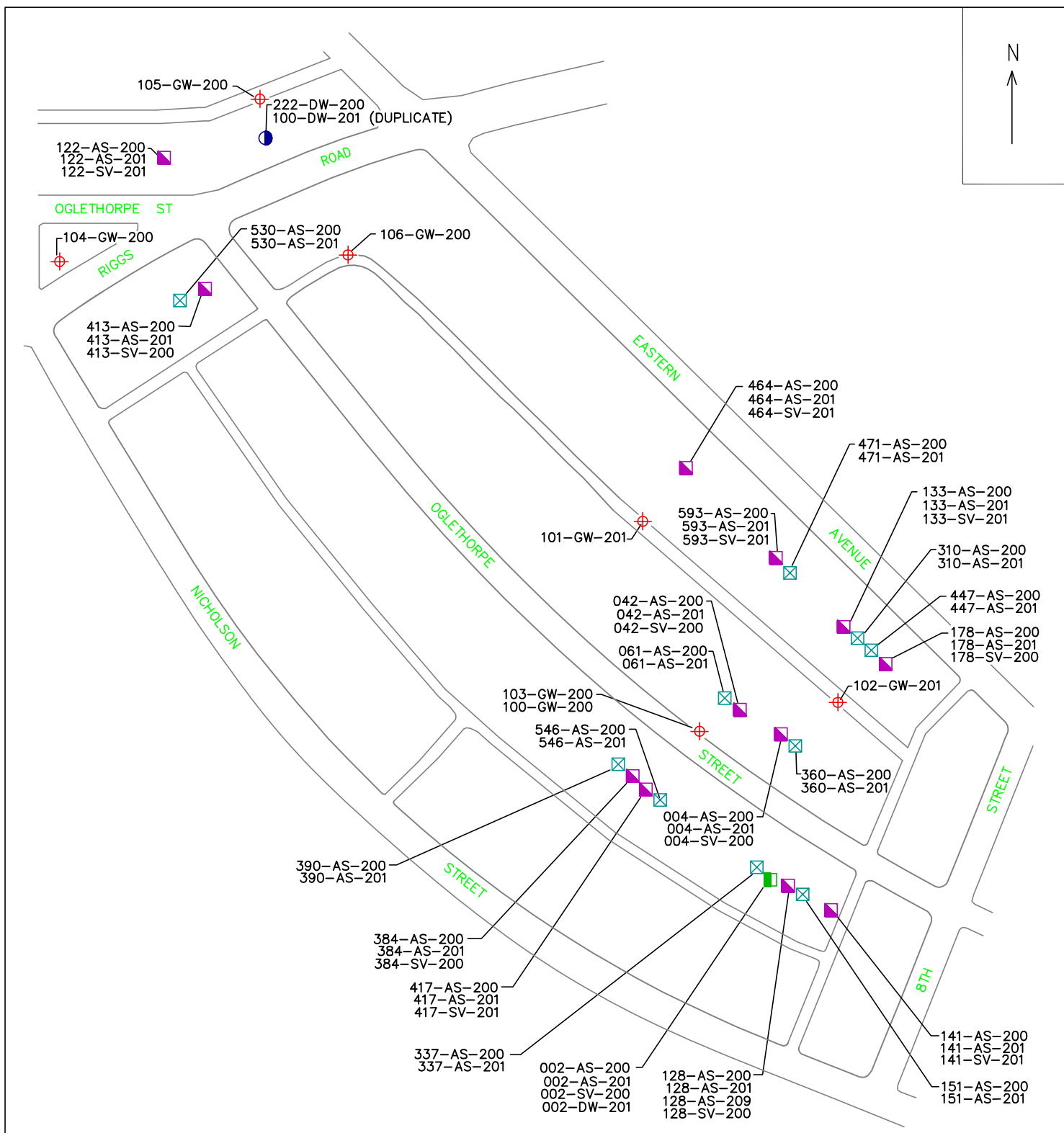
Chillum PERC Investigation

Analytical Data for
Samples Collected by EPA/START






July-September 2003

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LEGEND

-  SMALL-DIAMETER MONITORING WELL SAMPLE LOCATION
-  RESIDENTIAL TAGA/INDOOR AIR SAMPLE LOCATION
-  RESIDENTIAL TAGA/INDOOR AIR SOIL VAPOR SAMPLE LOCATION
-  RESIDENTIAL TAGA/INDOOR AIR/SOIL VAPOR/TAP WATER SAMPLE LOCATION
-  RESIDENTIAL TAP WATER SAMPLE LOCATION

CHILLUM PERC SITE
ANALYTICAL RESULTS
SAMPLES COLLECTED
BY EPA/START REGION 3
JUNE-SEPTEMBER 2003

Chillum PERC Investigation

Indoor Air (Summa) Analytical Results Samples Collected by EPA/START

July 2003

SITE: CHILLUM PERC
CASE No.: R31693
LABORATORY: SWOK
METHOD: TO-14A Modified

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
AIR SAMPLES COLLECTED ON JULY 28-31, 2003

EPA SAMPLE ID: LAB SAMPLE ID: SAMPLE LOCATION: DILUTION FACTOR: RESULTS IN (UNITS):	CRQL	002-AS-200 R3169302 Basement 1.6/16.1		002-AS-201 R3169301 First Floor 1.9/19.1		122-AS-200 R3169304 Basement 1.6		122-AS-201 R3169303 First Floor 1.8		337-AS-200 R3169306 Basement 2.2	
		ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
COMPOUND	CRQL										
tetrachloroethene (PERC)	1	1.6 U	11 U	1.9 U	13 U	1.6 U	11 U	1.8 U	12 U	2.2 U	15 U
benzene	1	2.0 J	6.6 J	2.0	6.6	1.6 U	5.3 U	1.8 U	5.9 U	2.2 J	7.3 J
toluene	1	4.0	15	4.0	15	5.0	19	5.0	19	4.0	15
ethylbenzene	1	1.6 U	7.0 U	1.9 U	8.4 U	1.6 U	7.0 U	1.8 U	7.9 U	2.2 U	9.7 U
xylene, m-,p-	1	1.6 U	7.0 U	1.9 U	8.4 U	1.6 U	7.0 U	2.0 J	8.8 J	2.2 U	9.7 U
xylene, o-	1	1.6 U	7.0 U	1.9 U	8.4 U	1.6 U	7.0 U	1.8 U	7.9 U	2.2 U	9.7 U
methyl tert-butyl ether (MTBE)	1	1.6 U	5.8 U	1.9 U	6.8 U	6.0	22	5.0	18	2.2 U	7.9 U
1,1,1-trichloroethane	1	1.6 U	9.0 U	1.9 U	11 U	1.6 U	9.0 U	1.8 U	10 U	42	240
1,1,2,2-tetrachloroethane	1	1.6 U	11 U	1.9 U	13 U	1.6 U	11 U	1.8 U	13 U	2.2 U	15 U
1,1,2-trichloro-1,2,2-trifluoroethane	1	1.6 U	12 U	1.9 U	15 U	1.6 U	12 U	1.8 U	14 U	2.2 U	17 U
1,1,2-trichloroethane	1	1.6 U	9.0 U	1.9 U	11 U	1.6 U	9.0 U	1.8 U	10 U	2.2 U	12 U
1,1-dichloroethane	1	1.6 U	6.6 U	1.9 U	7.8 U	1.6 U	6.6 U	1.8 U	7.4 U	2.2 U	9.0 U
1,1-dichloroethene	1	1.6 U	6.4 U	1.9 U	7.6 U	1.6 U	6.4 U	1.8 U	7.2 U	2.2 U	8.8 U
1,2,4-trichlorobenzene	1	1.6 U	12 U	1.9 U	14 U	1.6 U	12 U	1.8 U	14 U	2.2 U	17 U
1,2,4-trimethylbenzene	1	1.6 U	8.0 U	1.9 U	9.5 U	1.6 U	8.0 U	1.8 U	9.0 U	2.2 U	11 U
1,2-dibromoethane	1	1.6 U	12 U	1.9 U	15 U	1.6 U	12 U	1.8 U	14 U	2.2 U	17 U
1,2-dichloro-1,1,2,2-tetrafluoroethane	1	1.6 U	11 U	1.9 U	13 U	1.6 U	11 U	1.8 U	13 U	2.2 U	16 U
1,2-dichlorobenzene	1	1.6 U	9.8 U	1.9 U	12 U	1.6 U	9.8 U	1.8 U	11 U	2.2 U	13 U
1,2-dichloroethane	1	1.6 U	6.6 U	1.9 U	7.8 U	1.6 U	6.6 U	1.8 U	7.4 U	2.2 U	9.0 U
1,2-dichloropropane	1	1.6 U	7.5 U	1.9 U	8.9 U	1.6 U	7.5 U	1.8 U	8.5 U	2.2 U	10 U
1,3,5-trimethylbenzene	1	1.6 U	8.0 U	1.9 U	9.5 U	1.6 U	8.0 U	1.8 U	9.0 U	2.2 U	11 U
1,3-dichlorobenzene	1	1.6 U	9.8 U	1.9 U	12 U	1.6 U	9.8 U	1.8 U	11 U	2.2 U	13 U
1,4-dichlorobenzene	1	1.6 U	9.8 U	1.9 J	12 J	1.6 U	9.8 U	7.0	43	3.0	18
2-butanone	1	3.0	9.0	3.0	9.0	2.0	6.0	1.8 U	5.4 U	2.2 U	6.6 U
2-hexanone (MBK)	1	1.6 U	6.7 U	1.9 U	8.0 U	1.6 U	6.7 U	1.8 U	7.6 U	2.2 U	9.2 U
4-ethyltoluene	1	1.6 U	7.0 U	1.9 U	8.4 U	1.6 U	7.0 U	1.8 U	7.9 U	2.2 U	9.7 U
4-methyl-2-pentanone (MIBK)	1	1.6 U	6.7 U	1.9 U	8.0 U	1.6 U	6.7 U	3.0	13	2.2 U	9.2 U
acetone	1	98 +	240 +	120 +	290 +	48	120	65	160	58	140
benzyl chloride	1	1.6 U	8.5 U	1.9 U	10 U	1.6 U	8.5 U	1.8 U	9.5 U	2.2 U	12 U
bromomethane	1	1.6 U	6.4 U	1.9 U	7.6 U	1.6 U	6.4 U	1.8 U	7.2 U	2.2 U	8.8 U
carbon disulfide	1	1.6 U	5.1 U	1.9 U	6.1 U	1.6 U	5.1 U	1.8 U	5.8 U	2.2 U	7.0 U
carbon tetrachloride	1	1.6 U	10 U	1.9 U	12 U	1.6 U	10 U	1.8 U	12 U	2.2 U	14 U
chlorobenzene	1	1.6 U	7.5 U	1.9 U	8.9 U	1.6 U	7.5 U	1.8 U	8.5 U	2.2 U	10 U
chloroethane	1	1.6 U	4.3 U	1.9 U	5.1 U	1.6 U	4.3 U	1.8 U	4.9 U	2.2 U	5.9 U
chloroform	1	1.6 U	8.0 U	1.9 U	9.5 U	2.0	10	2.0	10	2.2 J	11 J
chloromethane	1	1.6 U	3.4 U	1.9 U	4.0 U	1.6 U	3.4 U	1.8 U	3.8 U	5.0	11
cis-1,2-dichloroethene	1	1.6 U	6.4 U	1.9 U	7.6 U	1.6 U	6.4 U	1.8 U	7.2 U	2.2 U	8.8 U
cis-1,3-dichloropropene	1	1.6 U	7.4 U	1.9 U	8.7 U	1.6 U	7.4 U	1.8 U	8.3 U	2.2 U	10 U
dichlorodifluoromethane	1	1.6 U	8.0 U	1.9 U	9.5 U	1.6 U	8.0 U	1.8 U	9.0 U	2.2 U	11 U
hexachlorobutadiene	1	1.6 U	18 U	1.9 U	21 U	1.6 U	18 U	1.8 U	20 U	2.2 U	24 U
methylene chloride	1	1.6 U	5.6 U	2.0 B	7.0 B	1.6 U	5.6 U	1.8 U	6.3 U	2.2 U	7.7 U
styrene	1	1.6 U	6.9 U	1.9 U	8.2 U	1.6 U	6.9 U	1.8 U	7.7 U	2.2 U	9.5 U
trans-1,2-dichloroethene	1	1.6 U	6.4 U	1.9 U	7.6 U	1.6 U	6.4 U	1.8 U	7.2 U	2.2 U	8.8 U
trans-1,3-dichloropropene	1	1.6 U	7.4 U	1.9 U	8.7 U	1.6 U	7.4 U	1.8 U	8.3 U	2.2 U	10 U
trichloroethene	1	1.6 U	8.8 U	1.9 U	10 U	1.6 U	8.8 U	1.8 U	9.9 U	2.2 U	12 U
trichlorofluoromethane	1	2.0	11	2.0 J	11 J	1.6 U	9.1 U	1.8 U	10 U	2.2 U	13 U
vinyl chloride	1	1.6 U	4.2 U	1.9 U	4.9 U	1.6 U	4.2 U	1.8 U	4.7 U	2.2 U	5.7 U

CRQL = Contract Required Quantitation Limit

ppbv = Parts per billion per unit volume

µg/m³ = Micrograms per cubic meter

U = Indicates the compound was analyzed for but not detected at or above the sample quantitation limit; the sample quantitation limit is provided.

J = Indicates the compound was analyzed for and detected at or above the sample quantitation limit; due to uncertainties identified during the data quality review, the value is estimated.

B = Indicates the compound was not detected substantially above laboratory or field blank quantitations.

+ = Indicates dilution of at least 10 fold was required to quantify the compound within the established calibration range. Refer to second value in Dilution Factor field for value.

SITE: CHILLUM PERC
CASE No.: R31693
LABORATORY: SWOK
METHOD: TO-14A Modified

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
AIR SAMPLES COLLECTED ON JULY 28-31, 2003

EPA SAMPLE ID: LAB SAMPLE ID: SAMPLE LOCATION: DILUTION FACTOR: RESULTS IN (UNITS):	CRQL	337-AS-201 R3169305 First Floor 1.8		384-AS-200 R3169307 Basement 2.9/28.7		384-AS-201 R3169308 First Floor 2.1/21.2		390-AS-200 R3169309 Basement 1.8/17.5		390-AS-201 R3169310 First Floor 2.1	
		ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
COMPOUND	CRQL										
tetrachloroethene (PERC)	1	1.8 U	12 U	2.9 U	20 U	2.1 U	14 U	1.8 U	12 U	2.1 U	14 U
benzene	1	1.8 U	5.9 U	2.9 U	9.6 U	2.1 U	6.9 U	1.8 U	5.9 U	2.1 U	6.9 U
toluene	1	4.0	15	4.0	15	4.0	15	4.0	15	3.0	11
ethylbenzene	1	1.8 U	7.9 U	2.9 U	13 U	2.1 U	9.2 U	1.8 U	7.9 U	2.1 U	9.2 U
xylene, m-,p-	1	1.8 U	7.9 U	2.9 U	13 U	2.1 U	9.2 U	1.8 U	7.9 U	2.1 U	9.2 U
xylene, o-	1	1.8 U	7.9 U	2.9 U	13 U	2.1 U	9.2 U	1.8 U	7.9 U	2.1 U	9.2 U
methyl tert-butyl ether (MTBE)	1	1.8 U	6.5 U	2.9 U	10 U	2.1 U	7.6 U	1.8 U	6.5 U	2.1 U	7.6 U
1,1,1-trichloroethane	1	1.8 U	10 U	22	120	2.1 U	12 U	10	56	2.1 U	12 U
1,1,2,2-tetrachloroethane	1	1.8 U	13 U	2.9 U	20 U	2.1 U	15 U	1.8 U	13 U	2.1 U	15 U
1,1,2-trichloro-1,2,2-trifluoroethane	1	1.8 U	14 U	2.9 U	22 U	2.1 U	16 U	1.8 U	14 U	2.1 U	16 U
1,1,2-trichloroethane	1	1.8 U	10 U	2.9 U	16 U	2.1 U	12 U	1.8 U	10 U	2.1 U	12 U
1,1-dichloroethane	1	1.8 U	7.4 U	2.9 U	12 U	2.1 U	8.6 U	1.8 U	7.4 U	2.1 U	8.6 U
1,1-dichloroethene	1	1.8 U	7.2 U	2.9 U	12 U	2.1 U	8.4 U	1.8 U	7.2 U	2.1 U	8.4 U
1,2,4-trichlorobenzene	1	1.8 U	14 U	2.9 U	22 U	2.1 U	16 U	1.8 U	14 U	2.1 U	16 U
1,2,4-trimethylbenzene	1	1.8 U	9.0 U	2.9 U	15 U	2.1 U	11 U	1.8 U	9.0 U	2.1 U	11 U
1,2-dibromoethane	1	1.8 U	14 U	2.9 U	23 U	2.1 U	16 U	1.8 U	14 U	2.1 U	16 U
1,2-dichloro-1,1,2,2-tetrafluoroethane	1	1.8 U	13 U	2.9 U	21 U	2.1 U	15 U	1.8 U	13 U	2.1 U	15 U
1,2-dichlorobenzene	1	1.8 U	11 U	2.9 U	18 U	2.1 U	13 U	1.8 U	11 U	2.1 U	13 U
1,2-dichloroethane	1	1.8 U	7.4 U	2.9 U	12 U	2.1 U	8.6 U	1.8 U	7.4 U	2.1 U	8.6 U
1,2-dichloropropane	1	1.8 U	8.5 U	2.9 U	14 U	2.1 U	9.9 U	1.8 U	8.5 U	2.1 U	9.9 U
1,3,5-trimethylbenzene	1	1.8 U	9.0 U	2.9 U	15 U	2.1 U	11 U	1.8 U	9.0 U	2.1 U	11 U
1,3-dichlorobenzene	1	1.8 U	11 U	2.9 U	18 U	2.1 U	13 U	1.8 U	11 U	2.1 U	13 U
1,4-dichlorobenzene	1	2.0	12	10	61	11	67	5.0	31	3.0	18
2-butanone	1	1.8 U	5.4 U	2.9 U	8.7 U	2.1 U	6.3 U	1.8 U	5.4 U	2.1 U	6.3 U
2-hexanone (MBK)	1	1.8 U	7.6 U	2.9 U	12 U	2.1 U	8.8 U	1.8 U	7.6 U	2.1 U	8.8 U
4-ethyltoluene	1	1.8 U	7.9 U	2.9 U	13 U	2.1 U	9.2 U	1.8 U	7.9 U	2.1 U	9.2 U
4-methyl-2-pentanone (MIBK)	1	1.8 U	7.6 U	2.9 U	12 U	2.1 U	8.8 U	1.8 U	7.6 U	2.1 U	8.8 U
acetone	1	61	150	230 +	550 +	230 +	550 +	99 +	240 +	34	82
benzyl chloride	1	1.8 U	9.5 U	2.9 U	15 U	2.1 U	11 U	1.8 U	9.5 U	2.1 U	11 U
bromomethane	1	1.8 U	7.2 U	2.9 U	12 U	2.1 U	8.4 U	1.8 U	7.2 U	2.1 U	8.4 U
carbon disulfide	1	1.8 U	5.8 U	2.9 U	9.3 U	2.1 U	6.7 U	1.8 U	5.8 U	2.1 U	6.7 U
carbon tetrachloride	1	1.8 U	12 U	2.9 U	19 U	2.1 U	13 U	1.8 U	12 U	2.1 U	13 U
chlorobenzene	1	1.8 U	8.5 U	2.9 U	14 U	2.1 U	9.9 U	1.8 U	8.5 U	2.1 U	9.9 U
chloroethane	1	1.8 U	4.9 U	2.9 U	7.8 U	2.1 U	5.7 U	1.8 U	4.9 U	2.1 U	5.7 U
chloroform	1	1.8 J	9.0 J	3.0 J	15 J	3.0	15	1.8 U	9.0 U	2.1 U	11 U
chloromethane	1	1.8 U	3.8 U	2.9 U	6.1 U	2.1 U	4.4 U	7.0	15	7.0	15
cis-1,2-dichloroethene	1	1.8 U	7.2 U	2.9 U	12 U	2.1 U	8.4 U	1.8 U	7.2 U	2.1 U	8.4 U
cis-1,3-dichloropropene	1	1.8 U	8.3 U	2.9 U	13 U	2.1 U	9.7 U	1.8 U	8.3 U	2.1 U	9.7 U
dichlorodifluoromethane	1	1.8 U	9.0 U	2.9 U	15 U	2.1 U	11 U	1.8 U	9.0 U	2.1 U	11 U
hexachlorobutadiene	1	1.8 U	20 U	2.9 U	32 U	2.1 U	23 U	1.8 U	20 U	2.1 U	23 U
methylene chloride	1	1.8 U	6.3 U	2.9 U	10 U	4.0	14	1.8 U	6.3 U	2.1 U	7.4 U
styrene	1	1.8 U	7.7 U	2.9 U	12 U	2.1 U	9.0 U	1.8 U	7.7 U	2.1 U	9.0 U
trans-1,2-dichloroethene	1	1.8 U	7.2 U	2.9 U	12 U	2.1 U	8.4 U	1.8 U	7.2 U	2.1 U	8.4 U
trans-1,3-dichloropropene	1	1.8 U	8.3 U	2.9 U	13 U	2.1 U	9.7 U	1.8 U	8.3 U	2.1 U	9.7 U
trichloroethene	1	1.8 U	9.9 U	2.9 U	16 U	2.1 U	12 U	1.8 U	9.9 U	2.1 U	12 U
trichlorofluoromethane	1	1.8 U	10 U	2.9 U	17 U	2.1 U	12 U	1.8 U	10 U	2.1 U	12 U
vinyl chloride	1	1.8 U	4.7 U	2.9 U	7.5 U	2.1 U	5.5 U	1.8 U	4.7 U	2.1 U	5.5 U

SITE: CHILLUM PERC
CASE No.: R31693
LABORATORY: SWOK
METHOD: TO-14A Modified

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
AIR SAMPLES COLLECTED ON JULY 28-31, 2003

COMPOUND	CRQL	413-AS-200		413-AS-201		991-AS-200		593-AS-200		593-AS-201			
		R3169311		R3169312		R3169313		R3169314		R3169315			
		Basement		First Floor		Trip Blank (Samples R3169301-R3169312)		Basement		First Floor			
		DILUTION FACTOR:		1.6/15.5		1.4/13.9		1		2.36/23.6		1.49	
		RESULTS IN (UNITS):		ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
tetrachloroethene (PERC)	1	1.6 U	11 U	1.4 U	9.7 U	1.0 U	6.9 U	2.0	14	1.5 U	10 U		
benzene	1	2.0	6.6	2.0	6.6	1.0 U	3.3 U	2.4 U	7.9 U	1.5 U	5.0 U		
toluene	1	10	38	11	42	1.0 U	3.8 U	2.4 U	9.1 U	4.0	15		
ethylbenzene	1	1.6 U	7.0 U	1.4 U	6.2 U	1.0 U	4.4 U	2.4 U	11 U	1.5 U	6.6 U		
xylene, m-,p-	1	3.0	13	3.0	13	1.0 U	4.4 U	2.4 U	11 U	1.5 U	6.6 U		
xylene, o-	1	1.6 U	7.0 U	1.4 U	6.2 U	1.0 U	4.4 U	2.4 U	11 U	1.5 U	6.6 U		
methyl tert-butyl ether (MTBE)	1	7.0	25	6.0	22	1.0 U	3.6 U	2.4 U	8.6 U	2.0	7.2		
1,1,1-trichloroethane	1	8.0	45	11	62	1.0 U	5.6 U	8.0	45	1.5 U	8.4 U		
1,1,2,2-tetrachloroethane	1	1.6 U	11 U	1.4 U	9.8 U	1.0 U	7.0 U	2.4 U	17 U	1.5 U	11 U		
1,1,2-trichloro-1,2,2-trifluoroethane	1	1.6 U	12 U	1.4 U	11 U	1.0 U	7.7 U	2.4 U	18 U	1.5 U	12 U		
1,1,2-trichloroethane	1	1.6 U	9.0 U	1.4 U	7.8 U	1.0 U	5.6 U	2.4 U	13 U	1.5 U	8.4 U		
1,1-dichloroethane	1	1.6 U	6.6 U	1.4 U	5.7 U	1.0 U	4.1 U	2.4 U	9.8 U	1.5 U	6.2 U		
1,1-dichloroethene	1	1.6 U	6.4 U	1.4 U	5.6 U	1.0 U	4.0 U	2.4 U	9.6 U	1.5 U	6.0 U		
1,2,4-trichlorobenzene	1	1.6 U	12 U	1.4 U	11 U	1.0 U	7.5 U	2.4 U	18 U	1.5 U	11 U		
1,2,4-trimethylbenzene	1	1.6 J	8.0 J	1.4 U	7.0 U	1.0 U	5.0 U	2.4 U	12 U	1.5 U	7.5 U		
1,2-dibromoethane	1	1.6 U	12 U	1.4 U	11 U	1.0 U	7.8 U	2.4 U	19 U	1.5 U	12 U		
1,2-dichloro-1,1,2,2-tetrafluoroethane	1	1.6 U	11 U	1.4 U	9.9 U	1.0 U	7.1 U	2.4 U	17 U	1.5 U	11 U		
1,2-dichlorobenzene	1	1.6 U	9.8 U	1.4 U	8.5 U	1.0 U	6.1 U	2.4 U	15 U	1.5 U	9.2 U		
1,2-dichloroethane	1	1.6 U	6.6 U	1.4 U	5.7 U	1.0 U	4.1 U	2.4 U	9.8 U	1.5 U	6.2 U		
1,2-dichloropropane	1	1.6 U	7.5 U	1.4 U	6.6 U	1.0 U	4.7 U	2.4 U	11 U	1.5 U	7.1 U		
1,3,5-trimethylbenzene	1	1.6 U	8.0 U	1.4 U	7.0 U	1.0 U	5.0 U	2.4 U	12 U	1.5 U	7.5 U		
1,3-dichlorobenzene	1	1.6 U	9.8 U	1.4 U	8.5 U	1.0 U	6.1 U	2.4 U	15 U	1.5 U	9.2 U		
1,4-dichlorobenzene	1	1.6 U	9.8 U	1.4 U	8.5 U	1.0 U	6.1 U	2.4 U	15 U	36	220		
2-butanone	1	2.0	6.0	2.0	6.0	1.0 U	3.0 U	2.4 U	7.2 U	2.0	6.0		
2-hexanone (MBK)	1	1.6 U	6.7 U	1.4 U	5.9 U	1.0 U	4.2 U	2.4 U	10 U	1.5 U	6.3 U		
4-ethyltoluene	1	1.6 U	7.0 U	1.4 U	6.2 U	1.0 U	4.4 U	2.4 U	11 U	1.5 U	6.6 U		
4-methyl-2-pentanone (MIBK)	1	1.6 U	6.7 U	1.4 U	5.9 U	1.0 U	4.2 U	2.4 U	10 U	1.5 U	6.3 U		
acetone	1	87 +	210 +	110 +	260 +	1.0 U	2.4 U	95	230	67	160		
benzyl chloride	1	1.6 U	8.5 U	1.4 U	7.4 U	1.0 U	5.3 U	2.4 U	13 U	1.5 U	8.0 U		
bromomethane	1	1.6 U	6.4 U	1.4 U	5.6 U	1.0 U	4.0 U	2.4 U	9.6 U	1.5 U	6.0 U		
carbon disulfide	1	1.6 U	5.1 U	1.4 U	4.5 U	1.0 U	3.2 U	2.4 U	7.7 U	1.5 U	4.8 U		
carbon tetrachloride	1	1.6 U	10 U	1.4 U	9.0 U	1.0 U	6.4 U	370 +	2400 +	1.5 U	9.6 U		
chlorobenzene	1	1.6 U	7.5 U	1.4 U	6.6 U	1.0 U	4.7 U	2.4 U	11 U	1.5 U	7.1 U		
chloroethane	1	1.6 U	4.3 U	1.4 U	3.8 U	1.0 U	2.7 U	2.4 U	6.5 U	1.5 U	4.1 U		
chloroform	1	1.6 U	8.0 U	1.4 U	7.0 U	1.0 U	5.0 U	100	500	1.5 U	7.5 U		
chloromethane	1	2.0	4.2	3.0	6.3	1.0 U	2.1 U	7.0	15	2.0	4.2		
cis-1,2-dichloroethene	1	1.6 U	6.4 U	1.4 U	5.6 U	1.0 U	4.0 U	2.4 U	9.6 U	1.5 U	6.0 U		
cis-1,3-dichloropropene	1	1.6 U	7.4 U	1.4 U	6.4 U	1.0 U	4.6 U	2.4 U	11 U	1.5 U	6.9 U		
dichlorodifluoromethane	1	1.6 U	8.0 U	1.4 U	7.0 U	1.0 U	5.0 U	2.4 U	12 U	1.5 U	7.5 U		
hexachlorobutadiene	1	1.6 U	18 U	1.4 U	15 U	1.0 U	11 U	2.4 U	26 U	1.5 U	17 U		
methylene chloride	1	2.0 B	7.0 B	1.4 U	4.9 U	1.0 U	3.5 U	15	53	1.5 U	5.3 U		
styrene	1	1.6 U	6.9 U	1.4 U	6.0 U	1.0 U	4.3 U	2.4 U	10 U	1.5 U	6.5 U		
trans-1,2-dichloroethene	1	1.6 U	6.4 U	1.4 U	5.6 U	1.0 U	4.0 U	2.4 U	9.6 U	1.5 U	6.0 U		
trans-1,3-dichloropropene	1	1.6 U	7.4 U	1.4 U	6.4 U	1.0 U	4.6 U	2.4 U	11 U	1.5 U	6.9 U		
trichloroethene	1	1.6 U	8.8 U	1.4 U	7.7 U	1.0 U	5.5 U	29	160	1.5 U	8.3 U		
trichlorofluoromethane	1	1.6 U	9.1 U	1.4 U	8.0 U	1.0 U	5.7 U	2.4 U	14 U	1.5 U	8.6 U		
vinyl chloride	1	1.6 U	4.2 U	1.4 U	3.6 U	1.0 U	2.6 U	2.4 U	6.2 U	1.5 U	3.9 U		

SITE: CHILLUM PERC
CASE No.: R31693
LABORATORY: SWOK
METHOD: TO-14A Modified

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
AIR SAMPLES COLLECTED ON JULY 28-31, 2003

EPA SAMPLE ID: LAB SAMPLE ID: SAMPLE LOCATION: DILUTION FACTOR: RESULTS IN (UNITS):	COMPOUND	CRQL	471-AS-200 R3169316 Basement 1.75		471-AS-201 R3169317 First Floor 3.09		310-AS-200 R3169318 Basement 1.55		310-AS-201 R3169319 First Floor 1.68		133-AS-200 R3169320 Basement 1.44	
			ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
	tetrachloroethene (PERC)	1	1.8 U	12 U	3.1 U	21 U	1.6 U	11 U	1.7 U	12 U	6.0	41
	benzene	1	1.8 U	5.9 U	3.1 U	10 U	1.6 U	5.3 U	1.7 U	5.6 U	4.0	13
	toluene	1	3.0	11	3.0	11	4.0	15	3.0	11	2.0	7.6
	ethylbenzene	1	1.8 U	7.9 U	3.1 U	14 U	1.6 U	7.0 U	1.7 U	7.5 U	1.4 U	6.2 U
	xylene, m-,p-	1	1.8 U	7.9 U	3.1 U	14 U	1.6 U	7.0 U	1.7 U	7.5 U	1.4 U	6.2 U
	xylene, o-	1	1.8 U	7.9 U	3.1 U	14 U	1.6 U	7.0 U	1.7 U	7.5 U	1.4 U	6.2 U
	methyl tert-butyl ether (MTBE)	1	4.0	14	3.1 U	11 U	2.0	7.2	2.0	7.2	1.4 U	5.0
	1,1,1-trichloroethane	1	1.8 U	10 U	42	240	2.0	11	1.7 U	9.5 U	1.4 U	7.8 U
	1,1,2,2-tetrachloroethane	1	1.8 U	13 U	3.1 U	22 U	1.6 U	11 U	1.7 U	12 U	1.4 U	9.8 U
	1,1,2-trichloro-1,2,2-trifluoroethane	1	1.8 U	14 U	3.1 U	24 U	1.6 U	12 U	1.7 U	13 U	1.4 U	11 U
	1,1,2-trichloroethane	1	1.8 U	10 U	3.1 U	17 U	1.6 U	9.0 U	1.7 U	9.5 U	1.4 U	7.8 U
	1,1-dichloroethane	1	1.8 U	7.4 U	3.1 U	13 U	1.6 U	6.6 U	1.7 U	7.0 U	1.4 U	5.7 U
	1,1-dichloroethene	1	1.8 U	7.2 U	3.1 U	12 U	1.6 U	6.4 U	1.7 U	6.8 U	1.4 U	5.6 U
	1,2,4-trichlorobenzene	1	1.8 U	14 U	3.1 U	23 U	1.6 U	12 U	1.7 U	13 U	1.4 U	11 U
	1,2,4-trimethylbenzene	1	1.8 U	9.0 U	3.1 U	16 U	1.6 U	8.0 U	1.7 U	8.5 U	1.4 U	7.0 U
	1,2-dibromoethane	1	1.8 U	14 U	3.1 U	24 U	1.6 U	12 U	1.7 U	13 U	1.4 U	11 U
	1,2-dichloro-1,1,2,2-tetrafluoroethane	1	1.8 U	13 U	3.1 U	22 U	1.6 U	11 U	1.7 U	12 U	1.4 U	9.9 U
	1,2-dichlorobenzene	1	1.8 U	11 U	3.1 U	19 U	1.6 U	9.8 U	1.7 U	10 U	1.4 U	8.5 U
	1,2-dichloroethane	1	1.8 U	7.4 U	3.1 U	13 U	1.6 U	6.6 U	1.7 U	7.0 U	1.4 U	5.7 U
	1,2-dichloropropane	1	1.8 U	8.5 U	3.1 U	15 U	1.6 U	7.5 U	1.7 U	8.0 U	1.4 U	6.6 U
	1,3,5-trimethylbenzene	1	1.8 U	9.0 U	3.1 U	16 U	1.6 U	8.0 U	1.7 U	8.5 U	1.4 U	7.0 U
	1,3-dichlorobenzene	1	1.8 U	11 U	3.1 U	19 U	1.6 U	9.8 U	1.7 U	10 U	1.4 U	8.5 U
	1,4-dichlorobenzene	1	9.0	55	3.0	18	6.0	37	1.7 U	10 U	1.4 U	8.5
	2-butanone	1	2.0	6.0	3.1 U	9.3 U	1.6 U	4.8 U	1.7 U	5.1 U	1.4 U	4.2 U
	2-hexanone (MBK)	1	1.8 U	7.6 U	3.1 U	13 U	1.6 U	6.7 U	1.7 U	7.1 U	1.4 U	5.9 U
	4-ethyltoluene	1	1.8 U	7.9 U	3.1 U	14 U	1.6 U	7.0 U	1.7 U	7.5 U	1.4 U	6.2 U
	4-methyl-2-pentanone (MIBK)	1	1.8 U	7.6 U	3.1 U	13 U	1.6 U	6.7 U	1.7 U	7.1 U	1.4 U	5.9 U
	acetone	1	65	160	30	72	23	55	21	50	26	62
	benzyl chloride	1	1.8 U	9.5 U	3.1 U	16 U	1.6 U	8.5 U	1.7 U	9.0 U	1.4 U	7.4 U
	bromomethane	1	1.8 U	7.2 U	3.1 U	12 U	1.6 U	6.4 U	1.7 U	6.8 U	1.4 U	5.6 U
	carbon disulfide	1	1.8 U	5.8 U	3.1 U	9.9 U	1.6 U	5.1 U	1.7 U	5.4 U	1.4 U	4.5 U
	carbon tetrachloride	1	1.8 U	12 U	3.1 U	20 U	1.6 U	10 U	1.7 U	11 U	1.4 U	9.0 U
	chlorobenzene	1	1.8 U	8.5 U	3.1 U	15 U	1.6 U	7.5 U	1.7 U	8.0 U	1.4 U	6.6 U
	chloroethane	1	1.8 U	4.9 U	3.1 U	8.4 U	1.6 U	4.3 U	1.7 U	4.6 U	1.4 U	3.8 U
	chloroform	1	3.0	15	3.1 U	16 U	1.6 U	8.0 U	1.7 U	8.5 U	1.4 U	7.0
	chloromethane	1	1.8 U	3.8 U	3.1 U	6.5 U	2.0	4.2	1.7 U	3.6 U	1.4 U	2.9 U
	cis-1,2-dichloroethene	1	1.8 U	7.2 U	3.1 U	12 U	1.6 U	6.4 U	1.7 U	6.8 U	1.4 U	5.6 U
	cis-1,3-dichloropropene	1	1.8 U	8.3 U	3.1 U	14 U	1.6 U	7.4 U	1.7 U	7.8 U	1.4 U	6.4 U
	dichlorodifluoromethane	1	1.8 U	9.0 U	3.1 U	16 U	5.0	25	8.0	40	1.4 U	7.0 U
	hexachlorobutadiene	1	1.8 U	20 U	3.1 U	34 U	1.6 U	18 U	1.7 U	19 U	1.4 U	15 U
	methylene chloride	1	1.8 U	6.3 U	3.1 U	11 U	1.6 U	5.6 U	1.7 U	6.0 U	1.4 U	4.9 U
	styrene	1	1.8 U	7.7 U	3.1 U	13 U	1.6 U	6.9 U	1.7 U	7.3 U	1.4 U	6.0 U
	trans-1,2-dichloroethene	1	1.8 U	7.2 U	3.1 U	12 U	1.6 U	6.4 U	1.7 U	6.8 U	1.4 U	5.6 U
	trans-1,3-dichloropropene	1	1.8 U	8.3 U	3.1 U	14 U	1.6 U	7.4 U	1.7 U	7.8 U	1.4 U	6.4 U
	trichloroethene	1	1.8 U	9.9 U	3.1 U	17 U	1.6 U	8.8 U	1.7 U	9.4 U	1.4 U	7.7 U
	trichlorofluoromethane	1	5.0	29	6.0	34	1.6 U	9.1 U	1.7 U	9.7 U	1.0	5.7
	vinyl chloride	1	1.8 U	4.7 U	3.1 U	8.1 U	1.6 U	4.2 U	1.7 U	4.4 U	1.4 U	3.6 U

SITE: CHILLUM PERC
CASE No.: R31693
LABORATORY: SWOK
METHOD: TO-14A Modified

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
AIR SAMPLES COLLECTED ON JULY 28-31, 2003

EPA SAMPLE ID: LAB SAMPLE ID: SAMPLE LOCATION: DILUTION FACTOR: RESULTS IN (UNITS):	CRQL	133-AS-201 R3169321 First Floor 1.44		546-AS-200 R3169322 Basement 1.83		546-AS-201 R3169323 First Floor 1.75		447-AS-200 R3169324 Basement 1.39		447-AS-201 R3169325 First Floor 2.12	
		ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
COMPOUND	CRQL										
tetrachloroethene (PERC)	1	4.0	28	1.8 U	12 U	1.8 U	12 U	1.4 U	9.7 U	2.1 U	14 U
benzene	1	3.0	9.9	1.8 U	5.9 U	1.8 U	5.9 U	1.4 U	4.6 U	2.1 U	6.9 U
toluene	1	3.0	11	2.0	7.6	1.8 U	6.8 U	3.0	11	3.0	11
ethylbenzene	1	1.4 U	6.2 U	1.8 U	7.9 U	1.8 U	7.9 U	2.0	8.8	2.1 U	9.2 U
xylene, m-,p-	1	1.4 U	6.2 U	1.8 U	7.9 U	1.8 U	7.9 U	7.0	31	4.0	18
xylene, o-	1	1.4 U	6.2 U	1.8 U	7.9 U	1.8 U	7.9 U	2.0	8.8	2.1 U	9.2 U
methyl tert-butyl ether (MTBE)	1	2.0	7.2	1.8 U	6.5 U	1.8 U	6.5 U	2.0	7.2	2.0	7.2
1,1,1-trichloroethane	1	1.4 U	7.8 U	1.8 U	10 U	1.8 U	10 U	12	67	20	110
1,1,2,2-tetrachloroethane	1	1.4 U	9.8 U	1.8 U	13 U	1.8 U	13 U	1.4 U	9.8 U	2.1 U	15 U
1,1,2-trichloro-1,2,2-trifluoroethane	1	1.4 U	11 U	1.8 U	14 U	1.8 U	14 U	1.4 U	11 U	2.1 U	16 U
1,1,2-trichloroethane	1	1.4 U	7.8 U	1.8 U	10 U	1.8 U	10 U	1.4 U	7.8 U	2.1 U	12 U
1,1-dichloroethane	1	1.4 U	5.7 U	1.8 U	7.4 U	1.8 U	7.4 U	1.4 U	5.7 U	2.1 U	8.6 U
1,1-dichloroethene	1	1.4 U	5.6 U	1.8 U	7.2 U	1.8 U	7.2 U	1.4 U	5.6 U	2.1 U	8.4 U
1,2,4-trichlorobenzene	1	1.4 U	11 U	1.8 U	14 U	1.8 U	14 U	1.4 U	11 U	2.1 U	16 U
1,2,4-trimethylbenzene	1	1.4 U	7.0 U	1.8 U	9.0 U	1.8 U	9.0 U	2.0	10	2.1 U	11 U
1,2-dibromoethane	1	1.4 U	11 U	1.8 U	14 U	1.8 U	14 U	1.4 U	11 U	2.1 U	16 U
1,2-dichloro-1,1,2,2-tetrafluoroethane	1	1.4 U	9.9 U	1.8 U	13 U	1.8 U	13 U	1.4 U	9.9 U	2.1 U	15 U
1,2-dichlorobenzene	1	1.4 U	8.5 U	1.8 U	11 U	1.8 U	11 U	1.4 U	8.5 U	2.1 U	13 U
1,2-dichloroethane	1	1.4 U	5.7 U	1.8 U	7.4 U	1.8 U	7.4 U	1.4 U	5.7 U	2.1 U	8.6 U
1,2-dichloropropane	1	1.4 U	6.6 U	1.8 U	8.5 U	1.8 U	8.5 U	1.4 U	6.6 U	2.1 U	9.9 U
1,3,5-trimethylbenzene	1	1.4 U	7.0 U	1.8 U	9.0 U	1.8 U	9.0 U	1.4 U	7.0 U	2.1 U	11 U
1,3-dichlorobenzene	1	1.4 U	8.5 U	1.8 U	11 U	1.8 U	11 U	1.4 U	8.5 U	2.1 U	13 U
1,4-dichlorobenzene	1	1.4 U	8.5 U	1.8 U	11 U	1.8 U	11 U	2.0	12	2.1 U	13 U
2-butanone	1	1.4 U	4.2 U	2.0	6.0	2.0	6.0	36	110	29	87
2-hexanone (MBK)	1	1.4 U	5.9 U	1.8 U	7.6 U	1.8 U	7.6 U	1.4 U	5.9 U	2.1 U	8.8 U
4-ethyltoluene	1	1.4 U	6.2 U	1.8 U	7.9 U	1.8 U	7.9 U	2.0	8.8	2.1 U	9.2 U
4-methyl-2-pentanone (MIBK)	1	1.4 U	5.9 U	1.8 U	7.6 U	1.8 U	7.6 U	1.4 U	5.9 U	2.1 U	8.8 U
acetone	1	49	120	34	82	35	84	34	82	34	82
benzyl chloride	1	1.4 U	7.4 U	1.8 U	9.5 U	1.8 U	9.5 U	1.4 U	7.4 U	2.1 U	11 U
bromomethane	1	1.4 U	5.6 U	1.8 U	7.2 U	1.8 U	7.2 U	1.4 U	5.6 U	2.1 U	8.4 U
carbon disulfide	1	1.4 U	4.5 U	1.8 U	5.8 U	1.8 U	5.8 U	1.4 U	4.5 U	2.1 U	6.7 U
carbon tetrachloride	1	1.4 U	9.0 U	1.8 U	12 U	1.8 U	12 U	1.4 U	9.0 U	2.1 U	13 U
chlorobenzene	1	1.4 U	6.6 U	1.8 U	8.5 U	1.8 U	8.5 U	1.4 U	6.6 U	2.1 U	9.9 U
chloroethane	1	1.4 U	3.8 U	1.8 U	4.9 U	1.8 U	4.9 U	1.4 U	3.8 U	2.1 U	5.7 U
chloroform	1	1.0	5.0	1.8 U	9.0 U	1.8 U	9.0 U	1.0	5.0	2.1 U	11 U
chloromethane	1	1.0	2.1	1.8 U	3.8 U	1.8 U	3.8 U	4.0	8.4	2.1 U	4.4 U
cis-1,2-dichloroethene	1	1.4 U	5.6 U	1.8 U	7.2 U	1.8 U	7.2 U	1.4 U	5.6 U	2.1 U	8.4 U
cis-1,3-dichloropropene	1	1.4 U	6.4 U	1.8 U	8.3 U	1.8 U	8.3 U	1.4 U	6.4 U	2.1 U	9.7 U
dichlorodifluoromethane	1	1.0	5.0	1.8 U	9.0 U	1.8 U	9.0 U	1.4 U	7.0 U	2.1 U	11 U
hexachlorobutadiene	1	1.4 U	15 U	1.8 U	20 U	1.8 U	20 U	1.4 U	15 U	2.1 U	23 U
methylene chloride	1	1.4 U	4.9 U	1.8 U	6.3 U	1.8 U	6.3 U	1.4 U	4.9 U	2.1 U	7.4 U
styrene	1	1.4 U	6.0 U	1.8 U	7.7 U	1.8 U	7.7 U	1.4 U	6.0 U	2.1 U	9.0 U
trans-1,2-dichloroethene	1	1.4 U	5.6 U	1.8 U	7.2 U	1.8 U	7.2 U	1.4 U	5.6 U	2.1 U	8.4 U
trans-1,3-dichloropropene	1	1.4 U	6.4 U	1.8 U	8.3 U	1.8 U	8.3 U	1.4 U	6.4 U	2.1 U	9.7 U
trichloroethene	1	1.4 U	7.7 U	1.8 U	9.9 U	1.8 U	9.9 U	1.4 U	7.7 U	2.1 U	12 U
trichlorofluoromethane	1	1.4 U	8.0 U	3.0	17	3.0	17	1.4 U	8.0 U	2.1 U	12 U
vinyl chloride	1	1.4 U	3.6 U	1.8 U	4.7 U	1.8 U	4.7 U	1.4 U	3.6 U	2.1 U	5.5 U

SITE: CHILLUM PERC
CASE No.: R31693
LABORATORY: SWOK
METHOD: TO-14A Modified

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
AIR SAMPLES COLLECTED ON JULY 28-31, 2003

EPA SAMPLE ID: LAB SAMPLE ID: SAMPLE LOCATION: DILUTION FACTOR: RESULTS IN (UNITS):	CRQL	178-AS-200 R3169326 Basement 2.12		178-AS-201 R3169327 First Floor 10.05		464-AS-200 R3169328 Basement 2.01		464-AS-201 R3169329 First Floor 2.23		417-AS-200 R3169330 Basement 1.68	
		ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
COMPOUND	CRQL										
tetrachloroethene (PERC)	1	2.1 U	14 U	10 U	70 U	2.0 U	14 U	2.2 U	15 U	1.7 U	12 U
benzene	1	2.1 U	6.9 U	10 U	33 U	2.0 U	6.6 U	2.2 U	7.3 U	1.7 U	5.6 U
toluene	1	2.1 U	8.0 U	10 U	38 U	6.0	23	11	42	2.0	7.6
ethylbenzene	1	6.0	26	10 U	44 U	2.0 U	8.8 U	2.2 U	9.7 U	1.7 U	7.5 U
xylene, m-,p-	1	19	84	10 U	44 U	2.0 U	8.8 U	3.0	13	1.7 U	7.5 U
xylene, o-	1	5.0	22	10 U	44 U	2.0 U	8.8 U	2.2 J	9.7 J	1.7 U	7.5 U
methyl tert-butyl ether (MTBE)	1	2.1 U	7.6 U	10 U	36 U	2.0 U	7.2 U	2.0	7.2	1.7 U	6.1 U
1,1,1-trichloroethane	1	2.1 U	12 U	74	410	2.0 U	11 U	13	73	1.7 U	9.5 U
1,1,2,2-tetrachloroethane	1	2.1 U	15 U	10 U	71 U	2.0 U	14 U	2.2 U	15 U	1.7 U	12 U
1,1,2-trichloro-1,2,2-trifluoroethane	1	2.1 U	16 U	10 U	78 U	2.0 U	15 U	2.2 U	17 U	1.7 U	13 U
1,1,2-trichloroethane	1	2.1 U	12 U	10 U	57 U	2.0 U	11 U	2.2 U	12 U	1.7 U	9.5 U
1,1-dichloroethane	1	2.1 U	8.6 U	10 U	41 U	2.0 U	8.2 U	2.2 U	9.0 U	1.7 U	7.0 U
1,1-dichloroethene	1	2.1 U	8.4 U	10 U	40 U	2.0 U	8.0 U	2.2 U	8.8 U	1.7 U	6.8 U
1,2,4-trichlorobenzene	1	2.1 U	16 U	10 U	76 U	2.0 U	15 U	2.2 U	17 U	1.7 U	13 U
1,2,4-trimethylbenzene	1	2.1 U	11 U	10 U	51 U	2.0 U	10 U	2.2 U	11 U	1.7 U	8.5 U
1,2-dibromoethane	1	2.1 U	16 U	10 U	79 U	2.0 U	16 U	2.2 U	17 U	1.7 U	13 U
1,2-dichloro-1,1,2,2-tetrafluoroethane	1	2.1 U	15 U	10 U	72 U	2.0 U	14 U	2.2 U	16 U	1.7 U	12 U
1,2-dichlorobenzene	1	2.1 U	13 U	10 U	62 U	2.0 U	12 U	2.2 U	13 U	1.7 U	10 U
1,2-dichloroethane	1	2.1 U	8.6 U	10 U	41 U	2.0 U	8.2 U	2.2 U	9.0 U	1.7 U	7.0 U
1,2-dichloropropane	1	2.1 U	9.9 U	10 U	47 U	2.0 U	9.4 U	2.2 U	10 U	1.7 U	8.0 U
1,3,5-trimethylbenzene	1	2.1 U	11 U	10 U	51 U	2.0 U	10 U	2.2 U	11 U	1.7 U	8.5 U
1,3-dichlorobenzene	1	2.1 U	13 U	10 U	62 U	2.0 U	12 U	2.2 U	13 U	1.7 U	10 U
1,4-dichlorobenzene	1	2.1 U	13 U	10 U	62 U	13	79	12	73	1.7 U	10 U
2-butanone	1	3.0	9.0	10 U	30 U	2.0	6.0	3.0	9.0	1.7 U	5.1 U
2-hexanone (MBK)	1	2.1 U	8.8 U	10 U	42 U	2.0 U	8.4 U	2.2 U	9.2 U	1.7 U	7.1 U
4-ethyltoluene	1	2.1 U	9.2 U	10 U	44 U	2.0 U	8.8 U	2.2 U	9.7 U	1.7 U	7.5 U
4-methyl-2-pentanone (MIBK)	1	2.1 U	8.8 U	10 U	42 U	2.0 U	8.4 U	2.2 U	9.2 U	1.7 U	7.1 U
acetone	1	18	43	23	55	60	140	70	170	41	98
benzyl chloride	1	2.1 U	11 U	10 U	54 U	2.0 U	11 U	2.2 U	12 U	1.7 U	9.0 U
bromomethane	1	2.1 U	8.4 U	10 U	40 U	2.0 U	8.0 U	2.2 U	8.8 U	1.7 U	6.8 U
carbon disulfide	1	2.1 U	6.7 U	10 U	32 U	2.0 U	6.4 U	2.2 U	7.0 U	1.7 U	5.4 U
carbon tetrachloride	1	2.1 U	13 U	10 U	65 U	2.0 U	13 U	2.2 U	14 U	1.7 U	11 U
chlorobenzene	1	2.1 U	9.9 U	10 U	47 U	2.0 U	9.4 U	2.2 U	10 U	1.7 U	8.0 U
chloroethane	1	2.1 U	5.7 U	10 U	27 U	2.0 U	5.4 U	2.2 U	5.9 U	1.7 U	4.6 U
chloroform	1	2.1 U	11 U	10 U	51 U	2.0	10	2.2 U	11 U	1.7 U	8.5 U
chloromethane	1	2.1 U	4.4 U	10 U	21 U	2.0 U	4.2 U	2.2 U	4.6 U	1.7 U	3.6 U
cis-1,2-dichloroethene	1	2.1 U	8.4 U	10 U	40 U	2.0 U	8.0 U	2.2 U	8.8 U	1.7 U	6.8 U
cis-1,3-dichloropropene	1	2.1 U	9.7 U	10 U	46 U	2.0 U	9.2 U	2.2 U	10 U	1.7 U	7.8 U
dichlorodifluoromethane	1	2.1 U	11 U	10 U	51 U	2.0 U	10 U	2.2 U	11 U	1.7 U	8.5 U
hexachlorobutadiene	1	2.1 U	23 U	10 U	110 U	2.0 U	22 U	2.2 U	24 U	1.7 U	19 U
methylene chloride	1	2.1 U	7.4 U	10 U	35 U	2.0 U	7.0 U	6.0	21	1.7 U	6.0 U
styrene	1	2.1 U	9.0 U	10 U	43 U	2.0 U	8.6 U	2.0	8.6	1.7 U	7.3 U
trans-1,2-dichloroethene	1	2.1 U	8.4 U	10 U	40 U	2.0 U	8.0 U	2.2 U	8.8 U	1.7 U	6.8 U
trans-1,3-dichloropropene	1	2.1 U	9.7 U	10 U	46 U	2.0 U	9.2 U	2.2 U	10 U	1.7 U	7.8 U
trichloroethene	1	2.1 U	12 U	10 U	56 U	2.0 U	11 U	2.2 U	12 U	1.7 U	9.4 U
trichlorofluoromethane	1	2.1 U	12 U	10 U	58 U	2.0 U	11 U	2.2 U	13 U	2.0	11
vinyl chloride	1	2.1 U	5.5 U	10 U	26 U	2.0 U	5.2 U	2.2 U	5.7 U	1.7 U	4.4 U

SITE: CHILLUM PERC
CASE No.: R31693
LABORATORY: SWOK
METHOD: TO-14A Modified

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
AIR SAMPLES COLLECTED ON JULY 28-31, 2003

EPA SAMPLE ID: LAB SAMPLE ID: SAMPLE LOCATION: DILUTION FACTOR: RESULTS IN (UNITS):	CRQL	417-AS-201 R3169331 First Floor 2.12		530-AS-200 R3169332 Basement 1.55		530-AS-201 R3169333 First Floor 1.75/17.5		991-AS-201 R3169334 Trip Blank (Samples R3169313-R3169333) 1		141-AS-200 R3169335 Basement 1.49	
		ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
COMPOUND	CRQL										
tetrachloroethene (PERC)	1	2.1 U	14 U	2.0	14	2.0	14	1.0 U	6.9 U	1.5 U	10 U
benzene	1	2.1 U	6.9 U	1.6 U	5.3 U	1.8 U	5.9 U	1.0 U	3.3 U	2.0	6.6
toluene	1	3.0	11	4.0	15	4.0	15	1.0 U	3.8 U	8.0	30
ethylbenzene	1	2.1 U	9.2 U	1.6 U	7.0 U	1.8 U	7.9 U	1.0 U	4.4 U	1.5 U	6.6 U
xylene, m-,p-	1	2.1 U	9.2 U	2.0	8.8	1.8 J	7.9 J	1.0 U	4.4 U	1.5 U	6.6 U
xylene, o-	1	2.1 U	9.2 U	1.6 U	7.0 U	1.8 U	7.9 U	1.0 U	4.4 U	1.5 U	6.6 U
methyl tert-butyl ether (MTBE)	1	2.1 U	7.6 U	2.0	7.2	2.0	7.2	1.0 U	3.6 U	1.5 U	5.4 U
1,1,1-trichloroethane	1	34	190	1.6 U	9.0 U	14	78	1.0 U	5.6 U	1.5 U	8.4 U
1,1,2,2-tetrachloroethane	1	2.1 U	15 U	1.6 U	11 U	1.8 U	13 U	1.0 U	7.0 U	1.5 U	11 U
1,1,2-trichloro-1,2,2-trifluoroethane	1	2.1 U	16 U	1.6 U	12 U	1.8 U	14 U	1.0 U	7.7 U	1.5 U	12 U
1,1,2-trichloroethane	1	2.1 U	12 U	1.6 U	9.0 U	1.8 U	10 U	1.0 U	5.6 U	1.5 U	8.4 U
1,1-dichloroethane	1	2.1 U	8.6 U	1.6 U	6.6 U	1.8 U	7.4 U	1.0 U	4.1 U	1.5 U	6.2 U
1,1-dichloroethene	1	2.1 U	8.4 U	1.6 U	6.4 U	1.8 U	7.2 U	1.0 U	4.0 U	1.5 U	6.0 U
1,2,4-trichlorobenzene	1	2.1 U	16 U	1.6 U	12 U	1.8 U	14 U	1.0 U	7.5 U	1.5 U	11 U
1,2,4-trimethylbenzene	1	2.1 U	11 U	1.6 U	8.0 U	1.8 U	9.0 U	1.0 U	5.0 U	1.5 U	7.5 U
1,2-dibromoethane	1	2.1 U	16 U	1.6 U	12 U	1.8 U	14 U	1.0 U	7.8 U	1.5 U	12 U
1,2-dichloro-1,1,2,2-tetrafluoroethane	1	2.1 U	15 U	1.6 U	11 U	1.8 U	13 U	1.0 U	7.1 U	1.5 U	11 U
1,2-dichlorobenzene	1	2.1 U	13 U	1.6 U	9.8 U	1.8 U	11 U	1.0 U	6.1 U	1.5 U	9.2 U
1,2-dichloroethane	1	2.1 U	8.6 U	1.6 U	6.6 U	1.8 U	7.4 U	1.0 U	4.1 U	1.5 U	6.2 U
1,2-dichloropropane	1	2.1 U	9.9 U	1.6 U	7.5 U	1.8 U	8.5 U	1.0 U	4.7 U	1.5 U	7.1 U
1,3,5-trimethylbenzene	1	2.1 U	11 U	1.6 U	8.0 U	1.8 U	9.0 U	1.0 U	5.0 U	1.5 U	7.5 U
1,3-dichlorobenzene	1	2.1 U	13 U	1.6 U	9.8 U	1.8 U	11 U	1.0 U	6.1 U	1.5 U	9.2 U
1,4-dichlorobenzene	1	2.1 U	13 U	3.0	18	3.0	18	1.0 U	6.1 U	4.0	24
2-butanone	1	2.1 U	6.3 U	1.6 U	4.8 U	1.8 U	5.4 U	1.0 U	3.0 U	1.5 U	4.5 U
2-hexanone (MBK)	1	2.1 U	8.8 U	1.6 U	6.7 U	1.8 U	7.6 U	1.0 U	4.2 U	1.5 U	6.3 U
4-ethyltoluene	1	2.1 U	9.2 U	1.6 U	7.0 U	1.8 U	7.9 U	1.0 U	4.4 U	1.5 U	6.6 U
4-methyl-2-pentanone (MIBK)	1	2.1 U	8.8 U	1.6 U	6.7 U	2.0	8.4	1.0 U	4.2 U	1.5 U	6.3 U
acetone	1	39	94	54	130	190 +	460 +	1.0 U	2.4 U	55	130
benzyl chloride	1	2.1 U	11 U	1.6 U	8.5 U	1.8 U	9.5 U	1.0 U	5.3 U	1.5 U	8.0 U
bromomethane	1	2.1 U	8.4 U	1.6 U	6.4 U	1.8 U	7.2 U	1.0 U	4.0 U	1.5 U	6.0 U
carbon disulfide	1	2.1 U	6.7 U	1.6 U	5.1 U	1.8 U	5.8 U	1.0 U	3.2 U	1.5 U	4.8 U
carbon tetrachloride	1	2.1 U	13 U	1.6 U	10 U	1.8 U	12 U	1.0 U	6.4 U	1.5 U	9.6 U
chlorobenzene	1	2.1 U	9.9 U	1.6 U	7.5 U	1.8 U	8.5 U	1.0 U	4.7 U	1.5 U	7.1 U
chloroethane	1	2.1 U	5.7 U	1.6 U	4.3 U	1.8 U	4.9 U	1.0 U	2.7 U	1.5 U	4.1 U
chloroform	1	2.1 U	11 U	1.6 U	8.0 U	1.8 U	9.0 U	1.0 U	5.0 U	1.5 U	7.5 U
chloromethane	1	2.1 U	4.4 U	1.6 U	3.4 U	1.8 U	3.8 U	1.0 U	2.1 U	1.5 U	3.2 U
cis-1,2-dichloroethene	1	2.1 U	8.4 U	1.6 U	6.4 U	1.8 U	7.2 U	1.0 U	4.0 U	1.5 U	6.0 U
cis-1,3-dichloropropene	1	2.1 U	9.7 U	1.6 U	7.4 U	1.8 U	8.3 U	1.0 U	4.6 U	1.5 U	6.9 U
dichlorodifluoromethane	1	2.1 U	11 U	1.6 U	8.0 U	1.8 U	9.0 U	1.0 U	5.0 U	1.5 U	7.5 U
hexachlorobutadiene	1	2.1 U	23 U	1.6 U	18 U	1.8 U	20 U	1.0 U	11 U	1.5 U	17 U
methylene chloride	1	2.1 U	7.4 U	1.6 U	5.6 U	1.8 U	6.3 U	1.0 U	3.5 U	1.5 U	5.3 U
styrene	1	2.1 U	9.0 U	1.6 U	6.9 U	1.8 U	7.7 U	1.0 U	4.3 U	1.5 U	6.5 U
trans-1,2-dichloroethene	1	2.1 U	8.4 U	1.6 U	6.4 U	1.8 U	7.2 U	1.0 U	4.0 U	1.5 U	6.0 U
trans-1,3-dichloropropene	1	2.1 U	9.7 U	1.6 U	7.4 U	1.8 U	8.3 U	1.0 U	4.6 U	1.5 U	6.9 U
trichloroethene	1	2.1 U	12 U	1.6 U	8.8 U	1.8 U	9.9 U	1.0 U	5.5 U	1.5 U	8.3 U
trichlorofluoromethane	1	3.0	17	1.6 U	9.1 U	1.8 U	10 U	1.0 U	5.7 U	1.5 U	8.6 U
vinyl chloride	1	2.1 U	5.5 U	1.6 U	4.2 U	1.8 U	4.7 U	1.0 U	2.6 U	1.5 U	3.9 U

SITE: CHILLUM PERC
CASE No.: R31693
LABORATORY: SWOK
METHOD: TO-14A Modified

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
AIR SAMPLES COLLECTED ON JULY 28-31, 2003

EPA SAMPLE ID: LAB SAMPLE ID: SAMPLE LOCATION: DILUTION FACTOR: RESULTS IN (UNITS):	CRQL	141-AS-201 R3169336 First Floor 1.49		061-AS-200 R3169337 Basement 1.68		061-AS-201 R3169338 First Floor 2.51		042-AS-200 R3169339 Basement 1.55		042-AS-201 R3169340 First Floor 2.68	
		ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
COMPOUND	CRQL										
tetrachloroethene (PERC)	1	1.5 U	10 U	1.7 U	12 U	2.5 U	17 U	1.6 U	11 U	2.7 U	19 U
benzene	1	1.5 U	5.0 U	3.0	9.9	2.5 U	8.3 U	1.6 U	5.3 U	2.7 U	8.9 U
toluene	1	1.5 U	5.7 U	4.0	15	2.5 U	9.5 U	2.0	7.6	2.0 U	7.6 U
ethylbenzene	1	1.5 U	6.6 U	1.7 U	7.5 U	2.5 U	11 U	1.6 U	7.0 U	2.7 U	12 U
xylene, m-,p-	1	1.5 U	6.6 U	1.7 U	7.5 U	2.5 U	11 U	1.6 U	7.0 U	2.7 U	12 U
xylene, o-	1	1.5 U	6.6 U	1.7 U	7.5 U	2.5 U	11 U	1.6 U	7.0 U	2.7 U	12 U
methyl tert-butyl ether (MTBE)	1	1.5 U	5.4 U	1.7 U	6.1 U	2.5 U	9.0 U	1.6 U	5.8 U	2.7 U	9.7 U
1,1,1-trichloroethane	1	1.5 U	8.4 U	1.7 U	9.5 U	2.5 U	14 U	1.6 U	9.0 U	43	240
1,1,2,2-tetrachloroethane	1	1.5 U	11 U	1.7 U	12 U	2.5 U	18 U	1.6 U	11 U	2.7 U	19 U
1,1,2-trichloro-1,2,2-trifluoroethane	1	1.5 U	12 U	1.7 U	13 U	2.5 U	19 U	1.6 U	12 U	2.7 U	21 U
1,1,2-trichloroethane	1	1.5 U	8.4 U	1.7 U	9.5 U	2.5 U	14 U	1.6 U	9.0 U	2.7 U	15 U
1,1-dichloroethane	1	1.5 U	6.2 U	1.7 U	7.0 U	2.5 U	10 U	1.6 U	6.6 U	2.7 U	11 U
1,1-dichloroethene	1	1.5 U	6.0 U	1.7 U	6.8 U	2.5 U	10 U	1.6 U	6.4 U	2.7 U	11 U
1,2,4-trichlorobenzene	1	1.5 U	11 U	1.7 U	13 U	2.5 U	19 U	1.6 U	12 U	2.7 U	20 U
1,2,4-trimethylbenzene	1	1.5 U	7.5 U	1.7 U	8.5 U	2.5 U	13 U	1.6 U	8.0 U	2.7 U	14 U
1,2-dibromoethane	1	1.5 U	12 U	1.7 U	13 U	2.5 U	20 U	1.6 U	12 U	2.7 U	21 U
1,2-dichloro-1,1,2,2-tetrafluoroethane	1	1.5 U	11 U	1.7 U	12 U	2.5 U	18 U	1.6 U	11 U	2.7 U	19 U
1,2-dichlorobenzene	1	1.5 U	9.2 U	1.7 U	10 U	2.5 U	15 U	1.6 U	9.8 U	2.7 U	16 U
1,2-dichloroethane	1	1.5 U	6.2 U	1.7 U	7.0 U	2.5 U	10 U	1.6 U	6.6 U	2.7 U	11 U
1,2-dichloropropane	1	1.5 U	7.1 U	1.7 U	8.0 U	2.5 U	12 U	1.6 U	7.5 U	2.7 U	13 U
1,3,5-trimethylbenzene	1	1.5 U	7.5 U	1.7 U	8.5 U	2.5 U	13 U	1.6 U	8.0 U	2.7 U	14 U
1,3-dichlorobenzene	1	1.5 U	9.2 U	1.7 U	10 U	2.5 U	15 U	1.6 U	9.8 U	2.7 U	16 U
1,4-dichlorobenzene	1	1.5 U	9.2 U	1.7 J	10 J	2.5 U	15 U	1.6 U	9.8 U	2.7 U	16 U
2-butanone	1	2.0	6.0	1.7 U	5.1 U	2.5 U	7.5 U	1.6 U	4.8 U	2.7 U	8.1 U
2-hexanone (MBK)	1	1.5 U	6.3 U	1.7 U	7.1 U	2.5 U	11 U	1.6 U	6.7 U	2.7 U	11 U
4-ethyltoluene	1	1.5 U	6.6 U	1.7 U	7.5 U	2.5 U	11 U	1.6 U	7.0 U	2.7 U	12 U
4-methyl-2-pentanone (MIBK)	1	1.5 U	6.3 U	1.7 U	7.1 U	2.5 U	11 U	1.6 U	6.7 U	2.7 U	11 U
acetone	1	59	140	21	50	7 J	17 J	20	48	22	53
benzyl chloride	1	1.5 U	8.0 U	1.7 U	9.0 U	2.5 U	13 U	1.6 U	8.5 U	2.7 U	14 U
bromomethane	1	1.5 U	6.0 U	1.7 U	6.8 U	2.5 U	10 U	1.6 U	6.4 U	2.7 U	11 U
carbon disulfide	1	1.5 U	4.8 U	1.7 U	5.4 U	2.5 U	8.0 U	1.6 U	5.1 U	2.7 U	8.6 U
carbon tetrachloride	1	1.5 U	9.6 U	1.7 U	11 U	2.5 U	16 U	1.6 U	10 U	2.7 U	17 U
chlorobenzene	1	1.5 U	7.1 U	1.7 U	8.0 U	2.5 U	12 U	1.6 U	7.5 U	2.7 U	13 U
chloroethane	1	1.5 U	4.1 U	1.7 U	4.6 U	2.5 U	6.8 U	1.6 U	4.3 U	2.7 U	7.3 U
chloroform	1	1.5 U	7.5 U	1.7 U	8.5 U	2.5 U	13 U	1.6 U	8.0 U	2.7 U	14 U
chloromethane	1	10	21	1.7 U	3.6 U	2.5 U	5.3 U	1.6 U	3.4 U	2.7 U	5.7 U
cis-1,2-dichloroethene	1	1.5 U	6.0 U	1.7 U	6.8 U	2.5 U	10 U	1.6 U	6.4 U	2.7 U	11 U
cis-1,3-dichloropropene	1	1.5 U	6.9 U	1.7 U	7.8 U	2.5 U	12 U	1.6 U	7.4 U	2.7 U	12 U
dichlorodifluoromethane	1	1.5 U	7.5 U	1.7 U	8.5 U	2.5 U	13 U	1.6 U	8.0 U	2.7 U	14 U
hexachlorobutadiene	1	1.5 U	17 U	1.7 U	19 U	2.5 U	28 U	1.6 U	18 U	2.7 U	30 U
methylene chloride	1	1.5 U	5.3 U	1.7 U	6.0 U	2.5 U	8.8 U	1.6 U	5.6 U	2.7 U	9.5 U
styrene	1	1.5 U	6.5 U	1.7 U	7.3 U	2.5 U	11 U	1.6 U	6.9 U	2.7 U	12 U
trans-1,2-dichloroethene	1	1.5 U	6.0 U	1.7 U	6.8 U	2.5 U	10 U	1.6 U	6.4 U	2.7 U	11 U
trans-1,3-dichloropropene	1	1.5 U	6.9 U	1.7 U	7.8 U	2.5 U	12 U	1.6 U	7.4 U	2.7 U	12 U
trichloroethene	1	1.5 U	8.3 U	1.7 U	9.4 U	2.5 U	14 U	1.6 U	8.8 U	2.7 U	15 U
trichlorofluoromethane	1	1.5 U	8.6 U	1.7 U	9.7 U	2.5 U	14 U	1.6 U	9.1 U	2.7 U	15 U
vinyl chloride	1	1.5 U	3.9 U	1.7 U	4.4 U	2.5 U	6.5 U	1.6 U	4.2 U	2.7 U	7.0 U

SITE: CHILLUM PERC
CASE No.: R31693
LABORATORY: SWOK
METHOD: TO-14A Modified

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
AIR SAMPLES COLLECTED ON JULY 28-31, 2003

EPA SAMPLE ID: LAB SAMPLE ID: SAMPLE LOCATION: DILUTION FACTOR: RESULTS IN (UNITS):	CRQL	128-AS-200 R3169341 Basement 1.68		128-AS-201 R3169342 First Floor 2.12		128-AS-209 R3169343 Outdoor 2.01		151-AS-200 R3169344 Basement 1.68		151-AS-201 R3169345 First Floor 1.91	
		ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
COMPOUND	CRQL										
tetrachloroethene (PERC)	1	1.7 U	12 U	2.1 U	14 U	2.0 U	14 U	1.7 U	12 U	1.9 U	13 U
benzene	1	1.7 U	5.6 U	2.1 U	6.9 U	2.0 U	6.6 U	1.7 U	5.6 U	1.9 U	6.3 U
toluene	1	7.0	27	7.0	27	2.0 U	7.6 U	11	42	8.0	30
ethylbenzene	1	1.7 U	7.5 U	2.1 U	9.2 U	2.0 U	8.8 U	1.7 U	7.5 U	1.9 U	8.4 U
xylene, m-,p-	1	1.7 U	7.5 U	2.1 U	9.2 U	2.0 U	8.8 U	2.0	8.8	2.0	8.8
xylene, o-	1	1.7 U	7.5 U	2.1 U	9.2 U	2.0 U	8.8 U	1.7 U	7.5 U	1.9 U	8.4 U
methyl tert-butyl ether (MTBE)	1	1.7 U	6.1 U	2.1 U	7.6 U	2.0 U	7.2 U	1.7 U	6.1 U	1.9 U	6.8 U
1,1,1-trichloroethane	1	1.7 U	9.5 U	20	110	2.0 U	11 U	1.7 U	9.5 U	1.9 U	11 U
1,1,2,2-tetrachloroethane	1	1.7 U	12 U	2.1 U	15 U	2.0 U	14 U	1.7 U	12 U	1.9 U	13 U
1,1,2-trichloro-1,2,2-trifluoroethane	1	1.7 U	13 U	2.1 U	16 U	2.0 U	15 U	1.7 U	13 U	1.9 U	15 U
1,1,2-trichloroethane	1	1.7 U	9.5 U	2.1 U	12 U	2.0 U	11 U	1.7 U	9.5 U	1.9 U	11 U
1,1-dichloroethane	1	1.7 U	7.0 U	2.1 U	8.6 U	2.0 U	8.2 U	1.7 U	7.0 U	1.9 U	7.8 U
1,1-dichloroethene	1	1.7 U	6.8 U	2.1 U	8.4 U	2.0 U	8.0 U	1.7 U	6.8 U	1.9 U	7.6 U
1,2,4-trichlorobenzene	1	1.7 U	13 U	2.1 U	16 U	2.0 U	15 U	1.7 U	13 U	1.9 U	14 U
1,2,4-trimethylbenzene	1	1.7 U	8.5 U	2.1 U	11 U	2.0 U	10 U	1.7 U	8.5 U	1.9 U	9.5 U
1,2-dibromoethane	1	1.7 U	13 U	2.1 U	16 U	2.0 U	16 U	1.7 U	13 U	1.9 U	15 U
1,2-dichloro-1,1,2,2-tetrafluoroethane	1	1.7 U	12 U	2.1 U	15 U	2.0 U	14 U	1.7 U	12 U	1.9 U	13 U
1,2-dichlorobenzene	1	1.7 U	10 U	2.1 U	13 U	2.0 U	12 U	1.7 U	10 U	1.9 U	12 U
1,2-dichloroethane	1	1.7 U	7.0 U	2.1 U	8.6 U	2.0 U	8.2 U	1.7 U	7.0 U	1.9 U	7.8 U
1,2-dichloropropane	1	1.7 U	8.0 U	2.1 U	9.9 U	2.0 U	9.4 U	1.7 U	8.0 U	1.9 U	8.9 U
1,3,5-trimethylbenzene	1	1.7 U	8.5 U	2.1 U	11 U	2.0 U	10 U	1.7 U	8.5 U	1.9 U	9.5 U
1,3-dichlorobenzene	1	1.7 U	10 U	2.1 U	13 U	2.0 U	12 U	1.7 U	10 U	1.9 U	12 U
1,4-dichlorobenzene	1	1.7 U	10 U	5.0	31	2.0 U	12 U	1.7 U	10 U	1.9 U	12 U
2-butanone	1	1.7 U	5.1 U	2.1 U	6.3 U	2.0 U	6.0 U	1.7 U	5.1 U	1.9 U	5.7 U
2-hexanone (MBK)	1	1.7 U	7.1 U	2.1 U	8.8 U	2.0 U	8.4 U	1.7 U	7.1 U	1.9 U	8.0 U
4-ethyltoluene	1	1.7 U	7.5 U	2.1 U	9.2 U	2.0 U	8.8 U	1.7 U	7.5 U	1.9 U	8.4 U
4-methyl-2-pentanone (MIBK)	1	1.7 U	7.1 U	2.1 U	8.8 U	2.0 U	8.4 U	1.7 U	7.1 U	1.9 U	8.0 U
acetone	1	56	130	41	98	10	24	72	170	62	150
benzyl chloride	1	1.7 U	9.0 U	2.1 U	11 U	2.0 U	11 U	1.7 U	9.0 U	1.9 U	10 U
bromomethane	1	1.7 U	6.8 U	2.1 U	8.4 U	2.0 U	8.0 U	1.7 U	6.8 U	1.9 U	7.6 U
carbon disulfide	1	1.7 U	5.4 U	2.1 U	6.7 U	2.0 U	6.4 U	1.7 U	5.4 U	1.9 U	6.1 U
carbon tetrachloride	1	1.7 U	11 U	2.1 U	13 U	2.0 U	13 U	1.7 U	11 U	1.9 U	12 U
chlorobenzene	1	1.7 U	8.0 U	2.1 U	9.9 U	2.0 U	9.4 U	1.7 U	8.0 U	1.9 U	8.9 U
chloroethane	1	1.7 U	4.6 U	2.1 U	5.7 U	2.0 U	5.4 U	1.7 U	4.6 U	1.9 U	5.1 U
chloroform	1	4.0	20	2.0	10	2.0 U	10 U	2.0	10	2.0	10
chloromethane	1	1.7 U	3.6 U	2.1 U	4.4 U	2.0 U	4.2 U	1.7 U	3.6 U	2.0	4.2
cis-1,2-dichloroethene	1	1.7 U	6.8 U	2.1 U	8.4 U	2.0 U	8.0 U	1.7 U	6.8 U	1.9 U	7.6 U
cis-1,3-dichloropropene	1	1.7 U	7.8 U	2.1 U	9.7 U	2.0 U	9.2 U	1.7 U	7.8 U	1.9 U	8.7 U
dichlorodifluoromethane	1	1.7 U	8.5 U	2.1 U	11 U	2.0 U	10 U	1.7 U	8.5 U	1.9 U	9.5 U
hexachlorobutadiene	1	1.7 U	19 U	2.1 U	23 U	2.0 U	22 U	1.7 U	19 U	1.9 U	21 U
methylene chloride	1	13	46	10	35	2.0 U	7.0 U	11	39	10	35
styrene	1	1.7 U	7.3 U	2.1 U	9.0 U	2.0 U	8.6 U	1.7 U	7.3 U	1.9 U	8.2 U
trans-1,2-dichloroethene	1	1.7 U	6.8 U	2.1 U	8.4 U	2.0 U	8.0 U	1.7 U	6.8 U	1.9 U	7.6 U
trans-1,3-dichloropropene	1	1.7 U	7.8 U	2.1 U	9.7 U	2.0 U	9.2 U	1.7 U	7.8 U	1.9 U	8.7 U
trichloroethene	1	1.7 U	9.4 U	2.1 U	12 U	2.0 U	11 U	1.7 U	9.4 U	1.9 U	10 U
trichlorofluoromethane	1	2.0	11	2.1 U	12 U	2.0 U	11 U	1.7 U	9.7 U	1.9 U	11 U
vinyl chloride	1	1.7 U	4.4 U	2.1 U	5.5 U	2.0 U	5.2 U	1.7 U	4.4 U	1.9 U	4.9 U

SITE: CHILLUM PERC
CASE No.: R31693
LABORATORY: SWOK
METHOD: TO-14A Modified

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
AIR SAMPLES COLLECTED ON JULY 28-31, 2003

COMPOUND	CRQL	991-AS-202		004-AS-200		004-AS-201		360-AS-200		360-AS-201			
		R3169350		R3169351		R3169352		R3169353		R3169354			
		Trip Blank (Samples R3169334-R3169354)		Basement		First Floor		Basement		First Floor			
		DILUTION FACTOR:		1		1.83		2.68		1.75		1.83	
		RESULTS IN (UNITS):		ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
tetrachloroethene (PERC)	1	1.0 U	6.9 U	1.8 U	12 U	2.7 U	19 U	1.8 U	12 U	1.8 U	12 U		
benzene	1	1.0 U	3.3 U	1.8 U	5.9 U	2.7 U	8.9 U	1.8 U	5.9 U	1.8 U	5.9 U		
toluene	1	1.0 U	3.8 U	9.0	34	12	46	7.0	27	6.0	23		
ethylbenzene	1	1.0 U	4.4 U	1.8 U	7.9 U	2.7 U	12 U	1.8 U	7.9 U	1.8 U	7.9 U		
xylene, m-,p-	1	1.0 U	4.4 U	1.8 U	7.9 U	2.7 U	12 U	1.8 U	7.9 U	1.8 U	7.9 U		
xylene, o-	1	1.0 U	4.4 U	1.8 U	7.9 U	2.7 U	12 U	1.8 U	7.9 U	1.8 U	7.9 U		
methyl tert-butyl ether (MTBE)	1	1.0 U	3.6 U	2.0	7.2	2.7 U	9.7 U	1.8 U	6.5 U	1.8 U	6.5 U		
1,1,1-trichloroethane	1	1.0 U	5.6 U	1.8 U	10 U	2.7 U	15 U	7.0	39	1.8 U	10 U		
1,1,2,2-tetrachloroethane	1	1.0 U	7.0 U	1.8 U	13 U	2.7 U	19 U	1.8 U	13 U	1.8 U	13 U		
1,1,2-trichloro-1,2,2-trifluoroethane	1	1.0 U	7.7 U	1.8 U	14 U	2.7 U	21 U	1.8 U	14 U	1.8 U	14 U		
1,1,2-trichloroethane	1	1.0 U	5.6 U	1.8 U	10 U	2.7 U	15 U	1.8 U	10 U	1.8 U	10 U		
1,1-dichloroethane	1	1.0 U	4.1 U	1.8 U	7.4 U	2.7 U	11 U	1.8 U	7.4 U	1.8 U	7.4 U		
1,1-dichloroethene	1	1.0 U	4.0 U	1.8 U	7.2 U	2.7 U	11 U	1.8 U	7.2 U	1.8 U	7.2 U		
1,2,4-trichlorobenzene	1	1.0 U	7.5 U	1.8 U	14 U	2.7 U	20 U	1.8 U	14 U	1.8 U	14 U		
1,2,4-trimethylbenzene	1	1.0 U	5.0 U	1.8 U	9.0 U	2.7 U	14 U	1.8 U	9.0 U	1.8 U	9.0 U		
1,2-dibromoethane	1	1.0 U	7.8 U	1.8 U	14 U	2.7 U	21 U	1.8 U	14 U	1.8 U	14 U		
1,2-dichloro-1,1,2,2-tetrafluoroethane	1	1.0 U	7.1 U	1.8 U	13 U	2.7 U	19 U	1.8 U	13 U	1.8 U	13 U		
1,2-dichlorobenzene	1	1.0 U	6.1 U	1.8 U	11 U	2.7 U	16 U	1.8 U	11 U	1.8 U	11 U		
1,2-dichloroethane	1	1.0 U	4.1 U	1.8 U	7.4 U	2.7 U	11 U	1.8 U	7.4 U	1.8 U	7.4 U		
1,2-dichloropropane	1	1.0 U	4.7 U	1.8 U	8.5 U	2.7 U	13 U	1.8 U	8.5 U	1.8 U	8.5 U		
1,3,5-trimethylbenzene	1	1.0 U	5.0 U	1.8 U	9.0 U	2.7 U	14 U	1.8 U	9.0 U	1.8 U	9.0 U		
1,3-dichlorobenzene	1	1.0 U	6.1 U	1.8 U	11 U	2.7 U	16 U	1.8 U	11 U	1.8 U	11 U		
1,4-dichlorobenzene	1	1.0 U	6.1 U	2.0 J	12 J	2.7 U	16 U	4.0 U	24 U	9.0 J	55 J		
2-butanone	1	1.0 U	3.0 U	1.8 U	5.4 U	2.7 U	8.1 U	1.8 U	5.4 U	1.8 U	5.4 U		
2-hexanone (MBK)	1	1.0 U	4.2 U	1.8 U	7.6 U	2.7 U	11 U	1.8 U	7.6 U	1.8 U	7.6 U		
4-ethyltoluene	1	1.0 U	4.4 U	1.8 U	7.9 U	2.7 U	12 U	1.8 U	7.9 U	1.8 U	7.9 U		
4-methyl-2-pentanone (MIBK)	1	1.0 U	4.2 U	1.8 U	7.6 U	2.7 U	11 U	1.8 U	7.6 U	1.8 U	7.6 U		
acetone	1	1.0 U	2.4 U	54	130	45	110	77	190	79	190		
benzyl chloride	1	1.0 U	5.3 U	1.8 U	9.5 U	2.7 U	14 U	1.8 U	9.5 U	1.8 U	9.5 U		
bromomethane	1	1.0 U	4.0 U	1.8 U	7.2 U	2.7 U	11 U	1.8 U	7.2 U	1.8 U	7.2 U		
carbon disulfide	1	1.0 U	3.2 U	1.8 U	5.8 U	2.7 U	8.6 U	1.8 U	5.8 U	1.8 U	5.8 U		
carbon tetrachloride	1	1.0 U	6.4 U	1.8 U	12 U	2.7 U	17 U	1.8 U	12 U	1.8 U	12 U		
chlorobenzene	1	1.0 U	4.7 U	1.8 U	8.5 U	2.7 U	13 U	1.8 U	8.5 U	1.8 U	8.5 U		
chloroethane	1	1.0 U	2.7 U	1.8 U	4.9 U	2.7 U	7.3 U	1.8 U	4.9 U	1.8 U	4.9 U		
chloroform	1	1.0 U	5.0 U	1.8 U	9.0 U	2.7 U	14 U	1.8 U	9.0 U	1.8 U	9.0 U		
chloromethane	1	1.0 U	2.1 U	11	23	2.7 U	5.7 U	1.8 U	3.8 U	1.8 U	3.8 U		
cis-1,2-dichloroethene	1	1.0 U	4.0 U	1.8 U	7.2 U	2.7 U	11 U	1.8 U	7.2 U	1.8 U	7.2 U		
cis-1,3-dichloropropene	1	1.0 U	4.6 U	1.8 U	8.3 U	2.7 U	12 U	1.8 U	8.3 U	1.8 U	8.3 U		
dichlorodifluoromethane	1	1.0 U	5.0 U	1.8 U	9.0 U	2.7 J	14 J	1.8 U	9.0 U	1.8 U	9.0 U		
hexachlorobutadiene	1	1.0 U	11 U	1.8 U	20 U	2.7 U	30 U	1.8 U	20 U	1.8 U	20 U		
methylene chloride	1	1.0 U	3.5 U	1.8 U	6.3 U	2.7 U	9.5 U	1.8 U	6.3 U	1.8 U	6.3 U		
styrene	1	1.0 U	4.3 U	1.8 U	7.7 U	2.7 U	12 U	1.8 U	7.7 U	1.8 U	7.7 U		
trans-1,2-dichloroethene	1	1.0 U	4.0 U	1.8 U	7.2 U	2.7 U	11 U	1.8 U	7.2 U	1.8 U	7.2 U		
trans-1,3-dichloropropene	1	1.0 U	4.6 U	1.8 U	8.3 U	2.7 U	12 U	1.8 U	8.3 U	1.8 U	8.3 U		
trichloroethene	1	1.0 U	5.5 U	1.8 U	9.9 U	2.7 U	15 U	1.8 U	9.9 U	1.8 U	9.9 U		
trichlorofluoromethane	1	1.0 U	5.7 U	1.8 U	10 U	2.7 U	15 U	1.8 U	10 U	1.8 U	10 U		
vinyl chloride	1	1.0 U	2.6 U	1.8 U	4.7 U	2.7 U	7.0 U	1.8 U	4.7 U	1.8 U	4.7 U		

Chillum PERC Investigation

Active Soil Vapor Analytical Results Samples Collected by EPA/ERT

July 2003

TABLE 2
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
SOIL VAPOR SAMPLES COLLECTED ON JULY 28-29, 2003

SITE: CHILLUM PERC
LABORATORY: ERT TAGA
METHOD: TO-15

EPA SAMPLE ID: TAGA SAMPLE ID: SAMPLE VOLUME (in liters): CONCENTRATION UNITS:	002-SV-200 15101 0.3		128-SV-200 15102 0.3		122-SV-201 15105 0.3		141-SV-201 15103 0.3		417-SV-201 15106 0.3		464-SV-201 15108 0.3	
	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
COMPOUND	QUANTITATION LIMIT (in ppbv)											
tetrachloroethene	4	140	950	64	440	4.0 U	27 U	4.0 U	27 U	4.0 U	27 U	4.0 U
benzene	4	4.0 U	13 U	4.0 U	13 U	4.0 U	13 U	4.0 U	13 U	4.0 U	13 U	4.0 U
toluene	4	4.0 U	15 U	4.0 U	15 U	4.0 U	15 U	4.0 U	15 U	4.0 U	15 U	4.0 U
ethylbenzene	4	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U
m,p-xylene	4	4.0 U	18 U	4.0 U	18 U	5.0	22	4.0 U	18 U	4.0 U	18 U	4.0 U
o-xylene	4	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U
methyl tert-butyl ether (MTBE)	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U
propylene	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U
dichlorodifluoromethane	4	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U
1,2-dichloro-1,1,2,2-tetrafluoroethane	4	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U	4.0 U
chloromethane	4	4.0 U	8 U	4.0 U	8 U	4.0 U	8 U	4.0 U	8 U	4.0 U	8 U	4.0 U
vinyl chloride	4	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U	4.0 U
1,3-butadiene	4	4.0 U	9 U	4.0 U	9 U	4.0 U	9 U	4.0 U	9 U	4.0 U	9 U	4.0 U
bromomethane	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U
chloroethane	4	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U	4.0 U
trichlorofluoromethane	4	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U
2-propanol	4	4.0 U	30 U	4.0 U	30 U	4.0 U	30 U	4.0 U	30 U	4.0 U	30 U	4.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	4	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U	4.0 U
acetone	4	7.9	28	5.9	21	6.1	21	5.4	19	4.7	16	6.6
1,1-dichloroethene	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U
methylene chloride	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U
trans-1,2-dichloroethene	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U
hexane	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U
1,1-dichloroethane	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U
2-butanone (MEK)	4	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U	4.0 U
cis-1,2-dichloroethene	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U
ethyl acetate	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U
chloroform	4	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	37	180
tetrahydrofuran	4	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U	4.0 U
1,1,1-trichloroethane	4	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U
cyclohexane	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U
carbon tetrachloride	4	4.0 U	25 U	4.0 U	25 U	4.0 U	25 U	4.0 U	25 U	4.0 U	25 U	4.0 U
heptane	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U
1,2-dichloroethane	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U
trichloroethene	4	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U
1,2-dichloropropane	4	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U
bromodichloromethane	4	4.0 U	27 U	4.0 U	27 U	4.0 U	27 U	4.0 U	27 U	4.0 U	27 U	4.0 U
1,4-dioxane	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U
4-methyl-2-pentanone (MIBK)	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U
cis-1,3-dichloropropene	4	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U
trans-1,3-dichloropropene	4	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U
1,1,2-trichloroethane	4	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U
2-hexanone (MBK)	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U
dibromochloromethane	4	4.0 U	34 U	4.0 U	34 U	4.0 U	34 U	4.0 U	34 U	4.0 U	34 U	4.0 U
1,2-dibromoethane	4	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U	4.0 U
chlorobenzene	4	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U
styrene	4	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U
bromoform	4	4.0 U	40 U	4.0 U	40 U	4.0 U	40 U	4.0 U	40 U	4.0 U	40 U	4.0 U
1,1,2,2-tetrachloroethane	4	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U	4.0 U
4-ethyltoluene	4	4.0 U	20 U	4.0 U	20 U	4.4	22	4.0 U	20 U	4.0 U	20 U	4.0 U
1,3,5-trimethylbenzene	4	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U
1,2,4-trimethylbenzene	4	4.0 U	20 U	4.0 U	20 U	7.1	35	4.0 U	20 U	4.2	21	4.0 U
1,3-dichlorobenzene	4	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U
1,4-dichlorobenzene	4	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U
1,2-dichlorobenzene	4	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U

Notes: All samples collected from less than 5 feet below the bottom of the basement slab.

µg/m³ = Micrograms per cubic meter

ppbv = Parts per billion per unit volume

U = Indicates the compound was analyzed for but not detected above the sample quantitation limit; the sample quantitation limit is presented.

TABLE 2
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
SOIL VAPOR SAMPLES COLLECTED ON JULY 28-29, 2003

SITE: CHILLUM PERC
LABORATORY: ERT TAGA
METHOD: TO-15

EPA SAMPLE ID: TAGA SAMPLE ID: SAMPLE VOLUME (in liters): CONCENTRATION UNITS:	133-SV-201 15110 0.3		413-SV-200 15111 0.3		384-SV-200 15112 0.3		178-SV-200 15113 0.3		042-SV-200 15114 0.3		
	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	
	QUANTITATION LIMIT (in ppbv)										
COMPOUND	4	4.0 U	27 U	170	1200	7.7	52	5.3	36	310	2100
tetrachloroethene	4	4.0 U	13 U	4.0 U	13 U	4.0 U	13 U	4.0 U	13 U	4.0 U	13 U
benzene	4	4.0 U	15 U	4.0 U	15 U	4.0 U	15 U	5.8	22	4.0 U	15 U
toluene	4	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U
ethylbenzene	4	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	6.7	29	4.8	21
m,p-xylene	4	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U
o-xylene	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U
methyl tert-butyl ether (MTBE)	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U
propylene	4	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U
dichlorodifluoromethane	4	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U
1,2-dichloro-1,1,2,2-tetrafluoroethane	4	4.0 U	8 U	4.0 U	8 U	4.0 U	8 U	4.0 U	8 U	4.0 U	8 U
chloromethane	4	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U
vinyl chloride	4	4.0 U	9 U	4.0 U	9 U	4.0 U	9 U	4.0 U	9 U	4.0 U	9 U
1,3-butadiene	4	4.0 U	16 U	4.0 U	16 U	5.6	22	4.0 U	16 U	4.0 U	16 U
bromomethane	4	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U	4.0 U	10 U
chloroethane	4	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U
trichlorofluoromethane	4	4.0 U	30 U	4.0 U	30 U	4.0 U	30 U	4.0 U	30 U	4.0 U	30 U
2-propanol	4	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U
1,1,2-trichloro-1,2,2-trifluoroethane	4	12	42	5.6	20	5.1	18	12	42	4.9	17
acetone	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U
1,1-dichloroethene	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U
methylene chloride	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U
trans-1,2-dichloroethene	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U
hexane	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U
1,1-dichloroethane	4	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U
2-butanone (MEK)	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U
cis-1,2-dichloroethene	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U
ethyl acetate	4	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U
chloroform	4	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U	4.0 U	12 U
tetrahydrofuran	4	4.3	24	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U
1,1,1-trichloroethane	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U
cyclohexane	4	4.0 U	25 U	4.0 U	25 U	4.0 U	25 U	4.0 U	25 U	4.0 U	25 U
carbon tetrachloride	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U
heptane	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U
1,2-dichloroethane	4	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U
trichloroethene	4	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U
1,2-dichloropropane	4	4.0 U	27 U	4.0 U	27 U	4.0 U	27 U	4.0 U	27 U	4.0 U	27 U
bromodichloromethane	4	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U	4.0 U	14 U
1,4-dioxane	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U
4-methyl-2-pentanone (MIBK)	4	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U
cis-1,3-dichloropropene	4	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U
trans-1,3-dichloropropene	4	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U	4.0 U	22 U
1,1,2-trichloroethane	4	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U	4.0 U	16 U
2-hexanone (MBK)	4	4.0 U	34 U	4.0 U	34 U	4.0 U	34 U	4.0 U	34 U	4.0 U	34 U
dibromochloromethane	4	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U	4.0 U	31 U
1,2-dibromoethane	4	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U	4.0 U	18 U
chlorobenzene	4	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U	4.0 U	17 U
styrene	4	4.0 U	40 U	4.0 U	40 U	4.0 U	40 U	4.0 U	40 U	4.0 U	40 U
bromoform	4	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U	4.0 U	28 U
1,1,2,2-tetrachloroethane	4	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U
4-ethyltoluene	4	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U	4.0 U	20 U
1,3,5-trimethylbenzene	4	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U
1,2,4-trimethylbenzene	4	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U
1,3-dichlorobenzene	4	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U
1,4-dichlorobenzene	4	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U
1,2-dichlorobenzene	4	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U	4.0 U	24 U

Chillum PERC Investigation

Active Soil Vapor Analytical Results Samples Collected by EPA/START

September 2003

TABLE 3
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
ACTIVE SOIL VAPOR SAMPLES COLLECTED ON SEPTEMBER 15, 2003

SITE: CHILLUM PERC
CASE No.: SE-0306-LO1
LABORATORY: EMSL ANALYTICAL
METHOD: TO-15

EPA SAMPLE ID: LAB SAMPLE ID: SAMPLE LOCATION: DILUTION FACTOR:		593-SV-200 2326-2 Basement 2		004-SV-200 2326-3 Basement 2		991-SV-200 2326-1 Trip Blank 2	
CONCENTRATION UNITS:		ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³
COMPOUND	MQL (in ppbv at 250mL)						
propylene	1.0	2.0 U	14 U	2.0 U	14 U	2.0 U	14 U
dichlorodifluoromethane	0.50	1.0 U	9.8 U	1.0 U	9.8 U	1.0 U	9.8 U
1,2-dichloro-1,1,2,2-tetrafluoroethane	0.50	1.0 U	14 U	1.0 U	14 U	1.0 U	14 U
chloromethane	0.50	1.0 U	4.2 U	1.0 U	4.2 U	1.0 U	4.2 U
vinyl chloride	0.50	1.0 U	5.2 U	1.0 U	5.2 U	1.0 U	5.2 U
1,3-butadiene	0.50	1.0 U	4.4 U	1.0 U	4.4 U	1.0 U	4.4 U
bromomethane	0.50	1.0 U	7.8 U	1.0 U	7.8 U	1.0 U	7.8 U
chloroethane	0.50	1.0 U	5.2 U	1.0 U	5.2 U	1.0 U	5.2 U
ethanol	1.5	7.9	30	25	95	4.0	15
trichlorofluoromethane	0.50	1.0 U	12 U	1.0 U	12 U	1.0 U	12 U
2-propanol	1.5	4.4	65	4.4	65	3.0 U	44 U
1,1,2-trichloro-1,2,2-trifluoroethane	0.50	1.0 U	15 U	1.0 U	15 U	1.0 U	15 U
acetone	3.0	8.4	59	7.4	52	9.3	65
1,1-dichloroethene	0.50	1.0 U	8.0 U	1.0 U	8.0 U	1.0 U	8.0 U
carbon disulfide	0.50	13	81	10	62	4.5	28
methylene chloride	1.5	20	140	3.4	24	19	130
methyl tert-butyl ether (MTBE)	0.50	1.1	7.9	1.0 U	7.2 U	1.0 U	7.2 U
trans-1,2-dichloroethene	0.50	1.0 U	8.0 U	1.0 U	8.0 U	1.0 U	8.0 U
n-hexane	0.50	1.5	11	1.8	13	1.2	8.4
1,1-dichloroethane	0.50	1.0 U	8.0 U	1.0 U	8.0 U	1.0 U	8.0 U
vinyl acetate	0.50	1.0 U	7.0 U	1.0 U	7.0 U	1.0 U	7.0 U
2-butanone (MEK)	0.50	1.0 U	5.8 U	1.0 U	5.8 U	1.0 U	5.8 U
cis-1,2-dichloroethene	0.50	1.0 U	8.0 U	1.0 U	8.0 U	1.0 U	8.0 U
ethyl acetate	0.50	1.0 U	7.2 U	1.0 U	7.2 U	1.0 U	7.2 U
chloroform	0.50	1.0 U	9.8 U	1.0 U	9.8 U	1.0 U	9.8 U
tetrahydrofuran	0.50	1.0 U	5.8 U	1.0 U	5.8 U	1.0 U	5.8 U
1,1,1-trichloroethane	0.50	1.0 U	11 U	1.0 U	11 U	1.0 U	11 U
cyclohexane	0.50	1.0 U	6.8 U	1.0 U	6.8 U	1.0 U	6.8 U
carbon tetrachloride	0.50	1.0 U	13 U	1.0 U	13 U	1.0 U	13 U
n-heptane	0.50	1.0 U	8.2 U	1.0 U	8.2 U	1.0 U	8.2 U
1,2-dichloroethane	0.50	1.0 U	8.0 U	1.0 U	8.0 U	1.0 U	8.0 U
benzene	0.50	1.0 U	6.4 U	1.0 U	6.4 U	1.0 U	6.4 U
trichloroethene	0.50	1.0 U	11 U	1.0 U	11 U	1.0 U	11 U
1,2-dichloropropane	0.50	1.0 U	9.2 U	1.0 U	9.2 U	1.0 U	9.2 U
bromodichloromethane	0.50	1.0 U	13 U	1.0 U	13 U	1.0 U	13 U
1,4-dioxane	0.50	1.0 U	7.2 U	1.0 U	7.2 U	1.0 U	7.2 U
4-methyl-2-pentanone (MIBK)	0.50	1.0 U	8.2 U	1.0 U	8.2 U	1.0 U	8.2 U
cis-1,3-dichloropropene	0.50	1.0 U	9.0 U	1.0 U	9.0 U	1.0 U	9.0 U
toluene	0.50	16	120	8.6	65	13	99
trans-1,3-dichloropropene	0.50	1.0 U	9.0 U	1.0 U	9.0 U	1.0 U	9.0 U
1,1,2-trichloroethane	0.50	1.0 U	11 U	1.0 U	11 U	1.0 U	11 U
2-hexanone (MBK)	0.50	1.0 U	8.2 U	1.0 U	8.2 U	1.0 U	8.2 U
tetrachloroethene	0.50	1.0 U	14 U	2.1	29	1.0 U	14 U
dibromochloromethane	0.50	1.0 U	17 U	1.0 U	17 U	1.0 U	17 U
1,2-dibromoethane	0.50	1.0 U	15 U	1.0 U	15 U	1.0 U	15 U
chlorobenzene	0.50	1.0 U	9.2 U	1.0 U	9.2 U	1.0 U	9.2 U
ethylbenzene	0.50	2.5	21	1.5	13	1.1	9.2
m,p-xylene	0.50	7.8	69	4.4	39	2.2	19
o-xylene	0.50	2.9	25	1.6	14	1.0 U	8.6 U
styrene	0.50	1.0 U	8.6 U	1.0 U	8.6 U	1.0 U	8.6 U
bromoform	0.50	1.0 U	20 U	1.0 U	20 U	1.0 U	20 U
1,1,2,2-tetrachloroethane	0.50	1.0 U	14 U	1.0 U	14 U	1.0 U	14 U
4-ethyltoluene	0.50	2.5	25	1.5	15	1.0 U	9.8 U
1,3,5-trimethylbenzene	0.50	1.0 U	9.8 U	1.0 U	9.8 U	1.0 U	9.8 U
1,2,4-trimethylbenzene	0.50	2.9	28	1.8	18	1.0 U	9.8 U
1,3-dichlorobenzene	0.50	1.0 U	12 U	1.0 U	12 U	1.0 U	12 U
1,4-dichlorobenzene	0.50	1.0 U	12 U	1.0 U	12 U	1.0 U	12 U
benzyl chloride	0.50	1.0 U	15 U	1.0 U	15 U	1.0 U	15 U
1,2-dichlorobenzene	0.50	1.0 U	12 U	1.0 U	12 U	1.0 U	12 U
1,2,4-trichlorobenzene	0.50	1.0 U	15 U	1.0 U	15 U	1.0 U	15 U
hexachlorobutadiene	0.50	1.0 U	22 U	1.0 U	22 U	1.0 U	22 U

Notes: All samples collected from less than 5 feet below the bottom of the basement slab.

The sample quantitation limit (the analytical result) is derived by multiplying the MQL by the dilution factor.

µg/m³ = Micrograms per cubic meter

mL = Milliliters

MQL= Method quantitation limit

ppbv = Parts per billion per unit volume

U = Indicates the compound was analyzed for but not detected above the sample quantitation limit; the sample quantitation limit is presented.

Chillum PERC Investigation

Tap Water Analytical Results Samples Collected by EPA/START

September 2003

TABLE 4
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
DRINKING WATER SAMPLES COLLECTED ON SEPTEMBER 15, 2003

SITE: CHILLUM PERC
CASE No.: 32147
LABORATORY: ENVIROSYSTEMS, INC.
METHOD: EPA SOW OLC03.2

EPA SAMPLE ID:	991-DW-200	002-DW-201	222-DW-201	100-DW-201
LAB SAMPLE ID:	C2001	C2002	C2003	C2004
SAMPLE LOCATION:	Trip Blank	Kitchen Spigot	Kitchen Spigot	Kitchen Spigot
DILUTION FACTOR:	1.0	1.0 / 5.0	1.0 / 5.0	1.0 / 5.0
RESULTS IN (UNITS):	µg/L	µg/L	µg/L	µg/L

COMPOUND	CRQL				
tetrachloroethene	0.5	0.5 U	0.5 U	0.5 UL	0.5 UL
benzene	0.5	0.5 U	0.5 U	0.5 U	0.5 U
toluene	0.5	0.5 U	0.5 U	0.5 UL	0.5 UL
ethylbenzene	0.5	0.5 U	0.5 U	0.5 UL	0.5 UL
xylene (total)	0.5	0.5 U	0.5 U	0.5 UL	0.5 UL
methyl tert-butyl ether (MTBE)	0.5	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	0.5	0.5 U	0.5 U	0.5 U	0.2 J
vinyl chloride	0.5	0.5 U	0.5 U	0.5 UL	0.5 UL
bromomethane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
chloroethane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,1-dichloroethene	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-trichloro-1,2,2-trifluoroethane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
acetone	5	10 L	15 B	13 B	16 B
carbon disulfide	0.5	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	0.5	0.5 U	0.5 U	0.5 U	0.5 U
methylene chloride	0.5	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	0.5	0.5 U	0.5 UL	0.5 UL	0.5 UL
1,1-dichloroethane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-dichloroethene	0.5	0.5 U	0.5 UL	0.5 UL	0.5 UL
2-butanone	5	R	R	R	R
bromochloromethane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
chloroform	0.5	0.5 U	55 +	58 +	55 +
1,1,1-trichloroethane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	0.5	0.5 U	0.5 U	0.5 U	1.4
carbon tetrachloride	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,2-dichloroethane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
trichloroethene	0.5	0.5 U	0.5 U	0.5 UL	0.5 UL
methylcyclohexane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,2-dichloropropane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
bromodichloromethane	0.5	0.5 U	15	15	16
cis-1,3-dichloropropene	0.5	0.5 U	0.5 UL	0.5 UL	0.5 UL
4-methyl-2-pentanone (MIBK)	5	5 U	5 U	5 U	5 U
trans-1,3-dichloropropene	0.5	0.5 U	0.5 UL	0.5 UL	0.5 UL
1,1,2-trichloroethane	0.5	0.5 U	0.5 UL	0.5 UL	0.5 UL
2-hexanone (MEK)	5	R	R	R	R
dibromochloromethane	0.5	0.5 U	0.5 U	1.7	1.7
1,2-dibromoethane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
chlorobenzene	0.5	0.5 U	0.5 U	0.5 U	0.5 U
styrene	0.5	0.5 U	0.5 U	0.5 UL	0.5 UL
bromoform	0.5	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	0.5	0.5 U	0.5 U	0.5 UL	0.5 UL
1,1,2,2-tetrachloroethane	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,3-dichlorobenzene	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,4-dichlorobenzene	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,2-dichlorobenzene	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,2-dibromo-3-chloropropane	0.5	R	R	R	R
1,2,4-trichlorobenzene	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	0.5	0.5 U	0.5 U	0.5 U	0.5 U

Notes: Sample C2004 is a field duplicate sample of Sample C2003, and was collected for quality control purposes.
Sample quantitation limits determined by multiplying CRQL by the dilution factor.

µg/L = Micrograms per liter

CRQL = Contract-required quantitation limit

+ = Indicates the compound was reported from a 5-fold diluted analysis.

B = Indicates the compound was not detected substantially above laboratory or field blank quantitations.

J = Indicates the compound was analyzed for and detected; due to uncertainties identified during the data quality review, the value is estimated.

L = Indicates the compound was present; value may be biased low and actual value expected to be higher.

U = Indicates the compound was analyzed for but not detected above the sample quantitation limit; the sample quantitation limit is presented.

R = Indicates the result is unreliable; value is rejected.

UL = Indicates the compound was not detected; detection limit may be higher.

Chillum PERC Investigation

Groundwater Analytical Results Samples Collected by EPA/START

September 2003

TABLE 5
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN
GROUNDWATER SAMPLES COLLECTED ON SEPTEMBER 15, 2003

SITE: CHILLUM PERC
CASE No.: 32147
LABORATORY: CEIMIC CORPORATION
METHOD: EPA SOW OLC03.2

SAMPLE LOCATION:	101-GW-201	102-GW-201	103-GW-200	100-GW-200	104-GW-200	105-GW-200	106-GW-200	991-GW-200
LABORATORY ID:	C2006	C2007	C2008	C2005	C2009	C2010	C2011	C2012
COLLECTION DATE:	09/15/2003	09/15/2003	09/15/2003	09/15/2003	09/15/2003	09/15/2003	09/15/2003	09/15/2003
COLLECTION TIME:	0853	0820	1220	1000	1520	1630	1400	0540
pH:	1	1	1	1	1	1	1	1
DILUTION FACTOR:	2	10	1	1	1	1	1	1
RESULTS IN (UNITS):	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
COMPOUND	CRQL							
tetrachloroethene	10	20 U	17 J	6 J	8 J	1 J	10 U	10 U
benzene	10	20 U	26 J	10 U	10 U	10 U	10 U	10 U
toluene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
ethylbenzene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
xylenes (total)	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
methyl tert-butyl ether (MTBE)	10	20 U	840	19	22	10 U	10 U	10 U
dichlorodifluoromethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
chloromethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
vinyl chloride	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
bromomethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
chloroethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
trichlorofluoromethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1-dichloroethene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1,2-trichloro-1,2,2-trifluoroethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
acetone	10	300	100 U	10 U	10 U	10 U	10 U	7 J
carbon disulfide	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
methyl acetate	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
methylene chloride	10	7 B	31 B	1 B	1 B	1 B	10 U	1 B
trans-1,2-dichloroethene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1-dichloroethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-dichloroethene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
2-butanone	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
chloroform	10	20 U	100 U	10 U	10 U	8 J	10 U	10 U
1,1,1-trichloroethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
cyclohexane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
carbon tetrachloride	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,2-dichloroethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
trichloroethene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
methylcyclohexane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,2-dichloropropane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
bromodichloromethane	10	20 U	100 U	10 U	10 U	1 J	10 U	10 U
cis-1,3-dichloropropene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
4-methyl-2-pentanone (MIBK)	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-dichloropropene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1,2-trichloroethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
2-hexanone (MEK)	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
dibromochloromethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,2-dibromoethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
chlorobenzene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
styrene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
bromoform	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
isopropylbenzene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-tetrachloroethane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,3-dichlorobenzene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,4-dichlorobenzene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,2-dichlorobenzene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,2-dibromo-3-chloropropane	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U
1,2,4-trichlorobenzene	10	20 U	100 U	10 U	10 U	10 U	10 U	10 U

Notes: Sample C2008 is a field duplicate sample of Sample C2005, and was collected for quality control purposes.

µg/L = Micrograms per liter

B = Indicates the compound was not detected substantially above laboratory or field blank quantitations.

CRQL = Contract-required quantitation limit

J = Indicates the compound was analyzed for and detected; due to uncertainties identified during the data quality review, the value is estimated.

U = Indicates the compound was analyzed for but not detected above the quantitation limit; quantitation limit is reported.