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DATE: 20 August 2007

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FROM: V. Kansal, REAC Analytical Section Leader Vinod Kansal

SUBJECT: DOCUMENT TRANSMITTAL UNDER WORK ASSIGNMENT # 0-254

Attached please find the reissue of the original analytical report (0254-DAR-081607) for work assignment

Roosevelt Field Groundwater Contamination Superfund Site – 0254-DARR-082007

Central File WA # 0-254	(w/attachment)
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ANALYTICAL REPORT

Prepared by
LOCKHEED MARTIN, Inc.

Roosevelt Field Ground Water Contamination Superfund Site
Garden City, NY

August 2007

EPA Work Assignment No. 0-254
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Introduction

REAC personnel in response to WA 0-254, provided analytical support for environmental samples collected from the Roosevelt Field Groundwater Contamination Superfund Site, located in Garden City, NY as described in the following table. The support also included QA/QC, data review, and preparation of an analytical report containing a summary of the analytical and the QA/QC results.

COC #	Number of Samples	Sampling Date	Date Received	Matrix	Analysis / Method	Laboratory	Data Package
0-254-06/14/07-0001	2	06/12/07	06/18/07	Air	VOC / TO-15	Contest[1]	S 192
	2			Soil Gas			
0-254-06/14/07-0002	4			Air			
0-254-06/14/07-0003	4	06/13/07		Soil Gas	VOC / TO-15 Full List		
0-254-06/14/07-0004	3						
	1			Air			
0-254-06/14/07-0005	1			Soil Gas	VOC / TO-15		
	3			Air			
0-254-06/14/07-0006	2						
	2			Soil Gas			
0-254-06/14/07-0007	4			Air			
0-254-06/14/07-0008	4						
0-254-06/14/07-0009	3						
	1	06/12/07					
0-254-06/14/07-0010	4	06/13/07					
0-254-06/14/07-0011	3						
	1	06/14/07					
0-254-06/14/07-0012	4	06/13/07					
0-254-06/14/07-0013	4						
0-254-06/14/07-0014	4						
0-254-06/14/07-0015	2	06/14/07					
	2			Soil Gas			
0-254-06/14/07-0016	4			Air			
0-254-06/14/07-0017	4						
0-254-06/14/07-0018	1				VOC / TO-15 Full List		
	1	6/13/07		Soil Gas			

[1]Contest is NELAP certified for TO-15 analysis.

Case Narrative

Results are reported to the appropriate number of significant figures. All samples were analyzed by full scan TO-15.

Any other representation of the data is the responsibility of the user. Values less than the reporting limits for organic analyses have not been reported. At the request of the WAM, the laboratory reported a limited number of compounds (9 chlorinated compounds) for select samples.

VOC in Air Package S 192

Method Blank 06/20/2007 contained 0.31 ppbv acetone and 0.25 ppbv methylene chloride. The methylene chloride results for samples 43430, 43434 and 43435, and the acetone result for sample 43490 are reported as non-detect (U) and the RLs are elevated to the concentration detected in the sample because the sample concentrations are less than 5 times the blank concentration.

Sample 43436 contained 0.056 ppbv tetrachloroethene during SUMMA/orifice certification at 0.05 ppbv. Tetrachloroethene result in this sample is reported as not-detect (U) and the RL is elevated to the concentration detected in the sample because the sample concentration is less than 5 times the certification concentration.

Sample 43490, the full list trip blank, contained 2.2 ppbv ethanol. The ethanol result for samples 43430, 43435, 43455, 43456, and 43476 are reported as non-detect (U) and the RLs are elevated to the concentration detected in the sample because the sample concentration is less than 5 times the blank concentration

The methylene chloride % RSD exceeded the QC limits in the initial calibration on 6/19/07. The methylene chloride results for method blanks 06/20/2007 and 06/21/2007, and samples 43431, 43456, 43432 and 43476 are reported as estimated (J).

In the 6/19/07 initial calibration, the percent relative standard deviation exceeded the QC criteria for acetone, ethanol and benzyl chloride. The laboratory used linear regression equations to quantitate acetone, ethanol and benzyl chloride. Method TO-15 does not have a provision allowing use of linear equations; no acceptance criteria are provided in the method for linear equations. The ethanol and acetone results for method blanks 6/20/2007 and 6/21/2007, and samples 43430, 43431, 43433, 43434, 43435, 43455, 43456, 43490, 43432 and 43476 are estimated (J).

The internal standard areas for bromochloromethane and 1,4-difluorobenzene for sample 43432 were below the QC limits. Sample results were reported from the 2x dilution. The results for 1,1,1-trichloroethane, benzene, carbon tetrachloride, cyclohexane, 1,2-dichloropropane, bromodichloromethane, trichloroethene, n-heptane, cis-1,3-dichloropropene, 4-methyl-2-pentanone, and trans-1,3-dichloropropene in sample 49432 are estimated (J).

The internal standard area for 1,4-difluorobenzene was above the QC limits for both the original and confirmation analyses for sample 43442. The result for carbon tetrachloride is estimated (J).

The ethanol concentration exceeded the linear calibration range for sample 43431. Ethanol results in sample 43431 are estimated (J).

The percent recovery was below the QC limits in LCS 6/20/2007 for 1,3-butadiene and above the QC limits for ethanol in LCS 6/20/2007. The results for 1,3-butadiene and ethanol are estimated (J) in samples 43431, 43433, 43434 and 43490. The results for 1,3-butadiene are estimated (J) for method blank 06/20/2007 and samples 43430, 43435, 43455 and 43456.

The percent difference was above the QC limits in LCS 6/21/2007 for ethanol. The result for ethanol is estimated (J) for sample 43432.

Summary of Abbreviations

BFB	Bromofluorobenzene
C	Centigrade
CLP	Contract Laboratory Program
COC	Chain of Custody
conc	concentration
cont	continued
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
D	(Surrogate Table) value is from a diluted sample and was not calculated
Dioxin	denotes Polychlorinated dibenzo-p-dioxins (PCDD) and Polychlorinated dibenzofurans (PCDF)
DFTPP	Decafluorotriphenylphosphine
EMPC	Estimated maximum possible concentration
GC/MS	Gas Chromatography/ Mass Spectrometry
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS (BS)	Matrix Spike (Blank Spike)
MSD (BSD)	Matrix Spike Duplicate (Blank Spike Duplicate)
MW	Molecular Weight
NA	Not Applicable or Not Available
NC	Not Calculated
NR	Not Requested
NS	Not Spiked
% D	Percent Difference
% REC	Percent Recovery
SOP	Standard Operating Procedure
ppbv	parts per billion volume
ppm	parts per million
pptv	parts per trillion volume
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
QL	Quantitation Limit
REAC	Response Engineering and Analytical Contract
RL	Reporting Limit
RPD	Relative Percent Difference
RSD	Relative Standard Deviation
SIM	Selected Ion Monitoring
Sur	Surrogate
TIC	Tentatively Identified Compound
TCLP	Toxic Characteristics Leaching Procedure
VOC	Volatile Organic Compounds
*	Value exceeds the acceptable QC limits.

m^3	cubic meter	g	gram	kg	kilogram	L	liter
µg	microgram	µL	microliter	mg	milligram	ml	milliliter
ng	nanogram	pg	picogram				

Data Validation Flags

J	Value or Reporting limit is estimated
J+	Value is estimated high (metals only)
J-	Value is estimated low (metals only)
R	Value is unusable
U	Not detected
UJ	Not detected and reporting limit estimated

Rev. 11/20/06

Table 1.1a Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15 Full List

Sample Number	6/20/2007		43430		43431		43433		43434	
Sample Location	Method Blank		Unit 1		Unit 2		Unit 3 Port 2		Ambient	
Sub Location	-		SS		SS		SS		Unit 3	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Ethylbenzene	U	0.20	U	0.20	0.24	0.20	U	0.20	U	0.20
Styrene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Benzyl Chloride	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
cis-1,3-Dichloropropene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
trans-1,3-Dichloropropene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,4-Dichlorobenzene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,2-Dibromoethane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,3-Butadiene	U J	0.20	U J	0.20	U J	0.20	U J	0.20	U J	0.20
1,2-Dichloroethane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Vinyl Acetate	U	0.20	U	0.20	U	0.20	1.1	0.20	0.75	0.20
4-Methyl-2-Pentanone (MIBK)	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,3,5-Trimethylbenzene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Toluene	U	0.20	0.65	0.20	3.4	0.20	U	0.20	0.43	0.20
Chlorobenzene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Tetrahydrofuran	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Hexane	U	0.20	0.50	0.20	6.6	0.20	U	0.20	U	0.20
Cyclohexane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Propene	U	0.20	U	0.20	0.91	0.20	0.39	0.20	U	0.20
1,2,4-Trichlorobenzene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Chlorodibromomethane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Tetrachloroethylene	U	0.20	12	0.20	0.43	0.20	1.5	0.20	U	0.20
m/p-Xylene	U	0.20	U	0.40	0.60	0.40	U	0.40	U	0.40
Ethyl Acetate	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
n-Heptane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
cis-1,2-Dichloroethylene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
t-1,2-Dichloroethylene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Methyl tert-Butyl Ether (MTBE)	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,3-Dichlorobenzene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Carbon Tetrachloride	U	0.20	U	0.20	U	0.20	0.21	0.20	U	0.20
2-Hexanone	U	0.20	U	0.20	U	0.20	0.63	0.20	U	0.20
4-Ethyl Toluene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Ethanol	U J	0.20	U J	9.1	58 J	0.20	12 J	0.20	12 J	0.20
Isopropanol	U	0.20	0.60	0.20	2.0	0.20	1.5	0.20	U	0.20
Acetone	0.31 J	0.20	2.5 J	0.20	12 J	0.20	8.2 J	0.20	6.8 J	0.20
Chloroform	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Benzene	U	0.20	U	0.20	0.22	0.20	U	0.20	U	0.20
1,1,1-Trichloroethane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Bromomethane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Chloromethane	U	0.20	U	0.20	0.39	0.20	U	0.20	0.47	0.20
Chloroethane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Vinyl Chloride	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Methylene Chloride	0.25 J	0.20	U	0.86	18 J	0.20	U	0.20	U	0.28
Carbon Disulfide	U	0.20	0.24	0.20	U	0.20	U	0.20	U	0.20
Bromoform	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Bromodichloromethane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,1-Dichloroethane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,1-Dichloroethylene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Trichlorofluoromethane (Freon 11)	U	0.20	0.37	0.20	0.96	0.20	0.63	0.20	0.21	0.20
Dichlorodifluoromethane	U	0.20	0.63	0.20	0.48	0.20	0.46	0.20	0.43	0.20
1,1,2-Trichloro-1,2,2-Trifluoroethane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,2-Dichlorotetrafluoroethane (114)	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,2-Dichloropropane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
2-Butanone (MEK)	U	0.20	0.37	0.20	1.1	0.20	1.5	0.20	1.0	0.20
1,1,2-Trichloroethane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Trichloroethylene	U	0.20	U	0.20	0.79	0.20	U	0.20	U	0.20
1,1,2,2-Tetrachloroethane	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
Hexachlorobutadiene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
o-Xylene	U	0.20	U	0.20	0.22	0.20	U	0.20	U	0.20
1,2-Dichlorobenzene	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20
1,2,4-Trimethylbenzene	U	0.20	U	0.20	0.25	0.20	U	0.20	U	0.20

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15 Full List

Sample Number	43435		43455		43456		43490	
Sample Location	Unit 4		Unit 6		Unit 5		Trip	
Sub Location	SS		SS		SS		-	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Ethylbenzene	U	0.20	U	0.20	U	0.20	U	0.20
Styrene	U	0.20	U	0.20	U	0.20	U	0.20
Benzyl Chloride	U	0.20	U	0.20	U	0.20	U	0.20
cis-1,3-Dichloropropene	U	0.20	U	0.20	U	0.20	U	0.20
trans-1,3-Dichloropropene	U	0.20	U	0.20	U	0.20	U	0.20
1,4-Dichlorobenzene	0.23	0.20	0.30	0.20	0.27	0.20	U	0.20
1,2-Dibromoethane	U	0.20	U	0.20	U	0.20	U	0.20
1,3-Butadiene	U J	0.20	U J	0.20	U J	0.20	U J	0.20
1,2-Dichloroethane	U	0.20	U	0.20	U	0.20	U	0.20
Vinyl Acetate	U	0.20	1.4	0.20	0.62	0.20	U	0.20
4-Methyl-2-Pentanone (MIBK)	U	0.20	0.24	0.20	U	0.20	U	0.20
1,3,5-Trimethylbenzene	U	0.20	U	0.20	U	0.20	U	0.20
Toluene	0.25	0.20	0.31	0.20	1.2	0.20	U	0.20
Chlorobenzene	U	0.20	U	0.20	U	0.20	U	0.20
Tetrahydrofuran	U	0.20	U	0.20	U	0.20	U	0.20
Hexane	0.20	0.20	U	0.20	0.26	0.20	U	0.20
Cyclohexane	U	0.20	U	0.20	U	0.20	U	0.20
Propene	0.35	0.20	1.2	0.20	U	0.20	U	0.20
1,2,4-Trichlorobenzene	U	0.20	U	0.20	U	0.20	U	0.20
Chlorodibromomethane	U	0.20	U	0.20	U	0.20	U	0.20
Tetrachloroethylene	1.4	0.20	2.8	0.20	0.27	0.20	U	0.20
m/p-Xylene	U	0.40	U	0.40	U	0.40	U	0.40
Ethyl Acetate	U	0.20	U	0.20	U	0.20	U	0.20
n-Heptane	U	0.20	U	0.20	U	0.20	U	0.20
cis-1,2-Dichloroethylene	U	0.20	U	0.20	U	0.20	U	0.20
t-1,2-Dichloroethylene	U	0.20	U	0.20	U	0.20	U	0.20
Methyl tert-Butyl Ether (MTBE)	U	0.20	U	0.20	U	0.20	U	0.20
1,3-Dichlorobenzene	U	0.20	U	0.20	U	0.20	U	0.20
Carbon Tetrachloride	U	0.20	U	0.20	U	0.20	U	0.20
2-Hexanone	U	0.20	U	0.20	U	0.20	U	0.20
4-Ethyl Toluene	U	0.20	U	0.20	U	0.20	U	0.20
Ethanol	U J	4.9	U J	8.3	U J	7.8	2.2 J	0.20
Isopropanol	0.44	0.20	1.3	0.20	0.44	0.20	U	0.20
Acetone	4.1 J	0.20	12 J	0.20	6.4 J	0.20	U J	0.63
Chloroform	U	0.20	U	0.20	1.5	0.20	U	1.5
Benzene	U	0.20	U	0.20	U	0.20	U	0.20
1,1,1-Trichloroethane	U	0.20	U	0.20	U	0.20	U	0.20
Bromomethane	U	0.20	U	0.20	U	0.20	U	0.20
Chloromethane	U	0.20	U	0.20	U	0.20	U	0.20
Chloroethane	U	0.20	U	0.20	U	0.20	U	0.20
Vinyl Chloride	U	0.20	U	0.20	U	0.20	U	0.20
Methylene Chloride	U	0.40	U	0.20	0.39 J	0.20	U	0.20
Carbon Disulfide	U	0.20	U	0.20	U	0.20	U	0.20
Bromoform	U	0.20	U	0.20	U	0.20	U	0.20
Bromodichloromethane	U	0.20	U	0.20	U	0.20	U	0.20
1,1-Dichloroethane	U	0.20	U	0.20	U	0.20	U	0.20
1,1-Dichloroethylene	U	0.20	U	0.20	U	0.20	U	0.20
Trichlorofluoromethane (Freon 11)	0.79	0.20	0.38	0.20	0.31	0.20	U	0.20
Dichlorodifluoromethane	0.45	0.20	0.97	0.20	1.6	0.20	U	0.20
1,1,2-Trichloro-1,2,2-Trifluoroethane	U	0.20	U	0.20	U	0.20	U	0.20
1,2-Dichlorotetrafluoroethane (114)	U	0.20	U	0.20	U	0.20	U	0.20
1,2-Dichloropropane	U	0.20	U	0.20	U	0.20	U	0.20
2-Butanone (MEK)	1.2	0.20	3.6	0.20	0.94	0.20	U	0.20
1,1,2-Trichloroethane	U	0.20	U	0.20	U	0.20	U	0.20
Trichloroethylene	U	0.20	U	0.20	U	0.20	U	0.20
1,1,2,2-Tetrachloroethane	U	0.20	U	0.20	U	0.20	U	0.20
Hexachlorobutadiene	U	0.20	U	0.20	U	0.20	U	0.20
o-Xylene	U	0.20	U	0.20	U	0.20	U	0.20
1,2-Dichlorobenzene	U	0.20	U	0.20	U	0.20	U	0.20
1,2,4-Trimethylbenzene	U	0.20	U	0.20	U	0.20	U	0.20

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15 Full List

Sample Number	6/21/2007		43432		43476	
Sample Location	Method Blank		Unit 3 Port 1		Unit 7	
Sub Location	-		SS		SS	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Ethylbenzene	U	0.20	U	0.40	U	0.20
Styrene	U	0.20	U	0.40	0.32	0.20
Benzyl Chloride	U	0.20	U	0.40	U	0.20
cis-1,3-Dichloropropene	U	0.20	U J	0.40	U	0.20
trans-1,3-Dichloropropene	U	0.20	U J	0.40	U	0.20
1,4-Dichlorobenzene	U	0.20	U	0.40	0.22	0.20
1,2-Dibromoethane	U	0.20	U	0.40	U	0.20
1,3-Butadiene	U	0.20	U	0.40	U	0.20
1,2-Dichloroethane	U	0.20	U	0.40	U	0.20
Vinyl Acetate	U	0.20	U	0.80	0.42	0.20
4-Methyl-2-Pentanone (MIBK)	U	0.20	U J	0.40	U	0.20
1,3,5-Trimethylbenzene	U	0.20	U	0.40	U	0.20
Toluene	U	0.20	0.42	0.40	0.66	0.20
Chlorobenzene	U	0.20	U	0.40	U	0.20
Tetrahydrofuran	U	0.20	U	0.40	U	0.20
Hexane	U	0.20	0.60	0.40	0.90	0.20
Cyclohexane	U	0.20	U J	0.40	U	0.20
Propene	U	0.20	0.72	0.40	0.32	0.20
1,2,4-Trichlorobenzene	U	0.20	U	0.20	U	0.20
Chlorodibromomethane	U	0.20	U	0.40	U	0.20
Tetrachloroethylene	U	0.20	1.7	0.40	5.4	0.20
m/p-Xylene	U	0.20	U	0.80	U	0.40
Ethyl Acetate	U	0.20	U	0.80	U	0.20
n-Heptane	U	0.20	U J	0.40	U	0.20
cis-1,2-Dichloroethylene	U	0.20	U	0.40	U	0.20
t-1,2-Dichloroethylene	U	0.20	U	0.40	U	0.20
Methyl tert-Butyl Ether (MTBE)	U	0.20	U	0.40	0.30	0.20
1,3-Dichlorobenzene	U	0.20	U	0.40	U	0.20
Carbon Tetrachloride	U	0.20	U	0.40	U	0.20
2-Hexanone	U	0.20	U	0.40	U	0.20
4-Ethyl Toluene	U	0.20	U	0.40	U	0.20
Ethanol	U J	0.20	18 J	0.40	U J	8.1
Isopropanol	U	0.20	0.90	0.40	0.35	0.20
Acetone	0.36 J	0.20	4.2 J	0.40	5.8 J	0.20
Chloroform	U	0.20	U	0.40	U	0.20
Benzene	U	0.20	U J	0.40	U	0.20
1,1,1-Trichloroethane	U	0.20	U J	0.40	4.0	0.20
Bromomethane	U	0.20	U	0.40	U	0.20
Chloromethane	U	0.20	U	0.40	U	0.20
Chloroethane	U	0.20	U	0.40	U	0.20
Vinyl Chloride	U	0.20	U	0.40	U	0.20
Methylene Chloride	0.26 J	0.20	2.4 J	0.40	2.8 J	0.20
Carbon Disulfide	U	0.20	U	0.40	U	0.20
Bromoform	U	0.20	U	0.40	U	0.20
Bromodichloromethane	U	0.20	U	0.20	U	0.20
1,1-Dichloroethane	U	0.20	U	0.40	U	0.20
1,1-Dichloroethylene	U	0.20	U	0.40	U	0.20
Trichlorofluoromethane (Freon 11)	U	0.20	0.86	0.40	0.42	0.20
Dichlorodifluoromethane	U	0.20	0.66	0.40	2.2	0.20
1,1,2-Trichloro-1,2,2-Trifluoroethane	U	0.20	U	0.40	0.34	0.20
1,2-Dichlorotetrafluoroethane (114)	U	0.20	U	0.40	U	0.20
1,2-Dichloropropane	U	0.20	U J	0.40	U	0.20
2-Butanone (MEK)	U	0.20	0.58	0.40	0.74	0.20
1,1,2-Trichloroethane	U	0.20	U	0.40	U	0.20
Trichloroethylene	U	0.20	U J	0.40	U	0.20
1,1,2,2-Tetrachloroethane	U	0.20	U	0.40	U	0.20
Hexachlorobutadiene	U	0.20	U	0.40	U	0.20
o-Xylene	U	0.20	U	0.40	U	0.20
1,2-Dichlorobenzene	U	0.20	U	0.40	U	0.20
1,2,4-Trimethylbenzene	U	0.20	U	0.40	U	0.20

Table 1.1b Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15 Full List

Sample Number	6/20/2007		43430		43431		43433		43434	
Sample Location	Method Blank		Unit 1		Unit 2		Unit 3 Port 2		Ambient	
Sub Location	-		SS		SS		SS		Unit 3	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
Ethylbenzene	U	0.87	U	0.87	1.0	0.87	U	0.87	U	0.87
Styrene	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85
Benzyl Chloride	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1
cis-1,3-Dichloropropene	U	0.90	U	0.90	U	0.90	U	0.90	U	0.90
trans-1,3-Dichloropropene	U	0.90	U	0.90	U	0.90	U	0.90	U	0.90
1,4-Dichlorobenzene	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2
1,2-Dibromoethane	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6
1,3-Butadiene	U J	0.44	U J	0.44	U J	0.44	U J	0.44	U J	0.44
1,2-Dichloroethane	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80
Vinyl Acetate	U	0.70	U	0.70	U	0.70	4.0	0.70	2.6	0.70
4-Methyl-2-Pentanone (MIBK)	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82
1,3,5-Trimethylbenzene	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98
Toluene	U	0.75	2.4	0.75	13	0.75	U	0.75	1.6	0.75
Chlorobenzene	U	0.92	U	0.92	U	0.92	U	0.92	U	0.92
Tetrahydrofuran	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59
Hexane	U	0.70	1.8	0.70	23	0.70	U	0.70	U	0.70
Cyclohexane	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69
Propene	U	0.34	U	0.34	1.6	0.34	0.67	0.34	U	0.34
1,2,4-Trichlorobenzene	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5
Chlorodibromomethane	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7
Tetrachloroethylene	U	1.3	83	1.3	2.9	1.3	9.9	1.3	U	1.3
m/p-Xylene	U	1.8	U	1.8	2.6	1.7	U	1.8	U	1.8
Ethyl Acetate	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72
n-Heptane	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82
cis-1,2-Dichloroethylene	U	0.78	U	0.78	U	0.78	U	0.78	U	0.78
t-1,2-Dichloroethylene	U	0.78	U	0.78	U	0.78	U	0.78	U	0.78
Methyl tert-Butyl Ether (MTBE)	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72
1,3-Dichlorobenzene	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2
Carbon Tetrachloride	U	1.3	U	1.3	U	1.3	1.3	1.2	U	1.3
2-Hexanone	U	0.82	U	0.82	U	0.82	2.6	0.82	U	0.82
4-Ethyl Toluene	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98
Ethanol	U J	0.38	U J	17	110 J	0.38	23 J	0.38	23 J	0.38
Isopropanol	U	0.49	1.5	0.49	5.0	0.49	3.6	0.49	U	0.49
Acetone	0.73 J	0.47	5.9 J	0.47	28 J	0.47	20 J	0.47	16 J	0.47
Chloroform	U	0.96	U	0.96	U	0.96	U	0.96	U	0.96
Benzene	U	0.64	U	0.64	0.70	0.64	U	0.64	U	0.64
1,1,1-Trichloroethane	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1
Bromomethane	U	0.77	U	0.77	U	0.77	U	0.77	U	0.77
Chloromethane	U	0.41	U	0.41	0.81	0.41	U	0.41	0.97	0.41
Chloroethane	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52
Vinyl Chloride	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51
Methylene Chloride	0.86 J	0.69	U	3.0	64 J	0.69	U	0.69	U	0.97
Carbon Disulfide	U	0.62	0.75	0.62	U	0.62	U	0.62	U	0.62
Bromoform	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1
Bromodichloromethane	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4
1,1-Dichloroethane	U	0.80	U	0.80	U	0.80	U	0.80	U	0.80
1,1-Dichloroethylene	U	0.78	U	0.78	U	0.78	U	0.78	U	0.78
Trichlorofluoromethane	U	1.1	2.1	1.1	5.4	1.1	3.5	1.1	1.2	1.1
Dichlorodifluoromethane	U	0.98	3.1	0.98	2.4	0.98	2.3	0.98	2.1	0.98
1,1,2-Trichloro-1,2,2-Trifluoroethane	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6
1,2-Dichlorotetrafluoroethane (114)	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4
1,2-Dichloropropane	U	0.92	U	0.92	U	0.92	U	0.92	U	0.92
2-Butanone (MEK)	U	0.59	1.1	0.59	3.3	0.59	4.5	0.59	3.1	0.59
1,1,2-Trichloroethane	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1
Trichloroethylene	U	1.1	U	1.1	4.2	1.1	U	1.1	U	1.1
1,1,2,2-Tetrachloroethane	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4
Hexachlorobutadiene	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2
o-Xylene	U	0.87	U	0.87	0.96	0.87	U	0.87	U	0.87
1,2-Dichlorobenzene	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2
1,2,4-Trimethylbenzene	U	0.98	U	0.98	1.2	0.98	U	0.98	U	0.98

Table 1.1b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15 Full List

Sample Number	43435		43455		43456		43490	
Sample Location	Unit 4		Unit 6		Unit 5		Trip	
Sub Location	SS		SS		SS		-	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
Ethylbenzene	U	0.87	U	0.87	U	0.87	U	0.87
Styrene	U	0.85	U	0.85	U	0.85	U	0.85
Benzyl Chloride	U	1.1	U	1.1	U	1.1	U	1.1
cis-1,3-Dichloropropene	U	0.90	U	0.90	U	0.90	U	0.90
trans-1,3-Dichloropropene	U	0.90	U	0.90	U	0.90	U	0.90
1,4-Dichlorobenzene	1.4	1.2	1.8	1.2	1.6	1.2	U	1.2
1,2-Dibromoethane	U	1.6	U	1.6	U	1.6	U	1.6
1,3-Butadiene	U J	0.44	U J	0.44	U J	0.44	U J	0.44
1,2-Dichloroethane	U	0.80	U	0.80	U	0.80	U	0.80
Vinyl Acetate	U	0.70	4.9	0.70	2.2	0.70	U	0.70
4-Methyl-2-Pentanone (MIBK)	U	0.82	0.98	0.82	U	0.82	U	0.82
1,3,5-Trimethylbenzene	U	0.98	U	0.98	U	0.98	U	0.98
Toluene	0.94	0.75	1.2	0.75	4.4	0.75	U	0.75
Chlorobenzene	U	0.92	U	0.92	U	0.92	U	0.92
Tetrahydrofuran	U	0.59	U	0.59	U	0.59	U	0.59
Hexane	0.70	0.70	U	0.70	0.92	0.70	U	0.70
Cyclohexane	U	0.69	U	0.69	U	0.69	U	0.69
Propene	0.60	0.34	2.1	0.34	U	0.34	U	0.34
1,2,4-Trichlorobenzene	U	1.5	U	1.5	U	1.5	U	1.5
Chlorodibromomethane	U	1.7	U	1.7	U	1.7	U	1.7
Tetrachloroethylene	9.2	1.3	19	1.3	1.8	1.3	U	1.3
m/p-Xylene	U	1.8	U	1.8	U	1.8	U	1.8
Ethyl Acetate	U	0.72	U	0.72	U	0.72	U	0.72
n-Heptane	U	0.82	U	0.82	U	0.82	U	0.82
cis-1,2-Dichloroethylene	U	0.78	U	0.78	U	0.78	U	0.78
t-1,2-Dichloroethylene	U	0.78	U	0.78	U	0.78	U	0.78
Methyl tert-Butyl Ether (MTBE)	U	0.72	U	0.72	U	0.72	U	0.72
1,3-Dichlorobenzene	U	1.2	U	1.2	U	1.2	U	1.2
Carbon Tetrachloride	U	1.3	U	1.3	U	1.3	U	1.3
2-Hexanone	U	0.82	U	0.82	U	0.82	U	0.82
4-Ethyl Toluene	U	0.98	U	0.98	U	0.98	U	0.98
Ethanol	U J	9.3	U J	16	U J	15	4.1 J	0.38
Isopropanol	1.1	0.49	3.1	0.49	1.1	0.49	U	0.63
Acetone	9.7 J	0.47	29 J	0.47	15 J	0.47	U J	1.5
Chloroform	U	0.96	U	0.96	7.4	0.96	U	0.96
Benzene	U	0.64	U	0.64	U	0.64	U	0.64
1,1,1-Trichloroethane	U	1.1	U	1.1	U	1.1	U	1.1
Bromomethane	U	0.77	U	0.77	U	0.77	U	0.77
Chloromethane	U	0.41	U	0.41	U	0.41	U	0.41
Chloroethane	U	0.52	U	0.52	U	0.52	U	0.52
Vinyl Chloride	U	0.51	U	0.51	U	0.51	U	0.51
Methylene Chloride	U	1.4	U	0.69	1.4	0.69	U	0.69
Carbon Disulfide	U	0.62	U	0.62	U	0.62	U	0.62
Bromoform	U	2.1	U	2.1	U	2.1	U	2.1
Bromodichloromethane	U	1.4	U	1.4	U	1.4	U	1.4
1,1-Dichloroethane	U	0.80	U	0.80	U	0.80	U	0.80
1,1-Dichloroethylene	U	0.78	U	0.78	U	0.78	U	0.78
Trichlorofluoromethane	4.4	1.1	2.1	1.1	1.7	1.1	U	1.2
Dichlorodifluoromethane	2.2	0.98	4.8	0.98	7.7	0.98	U	0.98
1,1,2-Trichloro-1,2,2-Trifluoroethane	U	1.6	U	1.6	U	1.6	U	1.6
1,2-Dichlorotetrafluoroethane (114)	U	1.4	U	1.4	U	1.4	U	1.4
1,2-Dichloropropane	U	0.92	U	0.92	U	0.92	U	0.92
2-Butanone (MEK)	3.6	0.59	11	0.59	2.8	0.59	U	0.59
1,1,2-Trichloroethane	U	1.1	U	1.1	U	1.1	U	1.1
Trichloroethylene	U	1.1	U	1.1	U	1.1	U	1.1
1,1,2,2-Tetrachloroethane	U	1.4	U	1.4	U	1.4	U	1.4
Hexachlorobutadiene	U	2.2	U	2.2	U	2.2	U	2.2
o-Xylene	U	0.87	U	0.87	U	0.87	U	0.87
1,2-Dichlorobenzene	U	1.2	U	1.2	U	1.2	U	1.2
1,2,4-Trimethylbenzene	U	0.98	U	0.98	U	0.98	U	0.98

Table 1.1b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15 Full List

Sample Number	6/21/2007		43432		43476	
Sample Location	Method Blank		Unit 3 Port 1		Unit 7	
Sub Location	-		SS		SS	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
Ethylbenzene	U	0.87	U	1.7	U	0.87
Styrene	U	0.85	U	1.7	1.4	0.85
Benzyl Chloride	U	1.1	U	2.2	U	1.1
cis-1,3-Dichloropropene	U	0.90	U J	1.8	U	0.90
trans-1,3-Dichloropropene	U	0.90	U J	1.8	U	0.90
1,4-Dichlorobenzene	U	1.2	U	2.4	1.3	1.2
1,2-Dibromoethane	U	1.6	U	3.2	U	1.6
1,3-Butadiene	U	0.44	U	0.88	U	0.44
1,2-Dichloroethane	U	0.80	U	1.6	U	0.80
Vinyl Acetate	U	0.70	U	3.0	1.5	0.70
4-Methyl-2-Pentanone (MIBK)	U	0.82	U J	1.6	U	0.82
1,3,5-Trimethylbenzene	U	0.98	U	2.0	U	0.98
Toluene	U	0.75	1.6	1.5	2.5	0.75
Chlorobenzene	U	0.92	U	1.8	U	0.92
Tetrahydrofuran	U	0.59	U	1.2	U	0.59
Hexane	U	0.70	2.1	1.4	3.2	0.70
Cyclohexane	U	0.69	U J	1.4	U	0.69
Propene	U	0.34	1.2	0.68	0.55	0.34
1,2,4-Trichlorobenzene	U	1.5	U	3.0	U	1.5
Chlorodibromomethane	U	1.7	U	3.4	U	1.7
Tetrachloroethylene	U	1.3	12	2.8	36	1.3
m/p-Xylene	U	1.8	U	3.6	U	1.8
Ethyl Acetate	U	0.72	U	3.0	U	0.72
n-Heptane	U	0.82	U J	1.6	U	0.82
cis-1,2-Dichloroethylene	U	0.78	U	1.6	U	0.78
t-1,2-Dichloroethylene	U	0.78	U	1.6	U	0.78
Methyl tert-Butyl Ether (MTBE)	U	0.72	U	1.4	1.1	0.72
1,3-Dichlorobenzene	U	1.2	U	2.4	U	1.2
Carbon Tetrachloride	U	1.3	U	2.4	U	1.3
2-Hexanone	U	0.82	U	1.6	U	0.82
4-Ethyl Toluene	U	0.98	U	2.0	U	0.98
Ethanol	U J	0.38	33 J	0.76	U J	15
Isopropanol	U	0.49	2.2	1.0	0.86	0.49
Acetone	0.86 J	0.47	9.9 J	0.96	14 J	0.47
Chloroform	U	0.96	U	1.9	U	0.96
Benzene	U	0.64	U J	1.3	U	0.64
1,1,1-Trichloroethane	U	1.1	U J	2.2	22	1.1
Bromomethane	U	0.77	U	1.5	U	0.77
Chloromethane	U	0.41	U	0.80	U	0.41
Chloroethane	U	0.52	U	1.0	U	0.52
Vinyl Chloride	U	0.51	U	1.0	U	0.51
Methylene Chloride	0.90 J	0.69	8.3	1.4	9.9	0.69
Carbon Disulfide	U	0.62	U	1.2	U	0.62
Bromoform	U	2.1	U	4.2	U	2.1
Bromodichloromethane	U	1.4	U J	2.8	U	1.4
1,1-Dichloroethane	U	0.80	U	1.6	U	0.80
1,1-Dichloroethylene	U	0.78	U	1.6	U	0.78
Trichlorofluoromethane	U	1.1	4.8	2.2	2.4	1.1
Dichlorodifluoromethane	U	0.98	3.3	2.0	11	0.98
1,1,2-Trichloro-1,2,2-Trifluoroethane	U	1.6	U	3.2	2.6	1.5
1,2-Dichlorotetrafluoroethane (114)	U	1.4	U	2.8	U	1.4
1,2-Dichloropropane	U	0.92	U J	1.8	U	0.92
2-Butanone (MEK)	U	0.59	1.7	1.2	2.2	0.59
1,1,2-Trichloroethane	U	1.1	U	2.2	U	1.1
Trichloroethylene	U	1.1	U J	2.2	U	1.1
1,1,2,2-Tetrachloroethane	U	1.4	U	2.8	U	1.4
Hexachlorobutadiene	U	2.2	U	4.4	U	2.2
o-Xylene	U	0.87	U	1.7	U	0.87
1,2-Dichlorobenzene	U	1.2	U	2.4	U	1.2
1,2,4-Trimethylbenzene	U	0.98	U	2.0	U	0.98

Table 1.2a Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	6/20/2007		43481		43483		43485		6/21/2007	
Sample Location	Method Blank		400 GCP S. 111		400 GCP S. 103		400 GCP S. 100		Method Blank	
Sub Location	-		IA		IA		IA		-	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	0.60	0.05	U	0.05
Tetrachloroethylene	U	0.05	0.05	0.05	0.15	0.05	0.18	0.05	U	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	U	0.05	0.09	0.05	0.07	0.05	0.21	0.05	U	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	U	0.05	U	0.05	U	0.05	0.08	0.05	U	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43488		43425		43426		43427		43428	
Sample Location	Ambient		110 Ring Rd Conf Rm 1		110 Ring Rd Meeting Rm A		110 Ring Rd Meeting Rm B		110 Ring Rd Conf Rm C	
Sub Location	-		IA		IA		IA		IA	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Tetrachloroethylene	U	0.05	0.16	0.05	0.17	0.05	0.18	0.05	0.20	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	0.08	0.05	0.10	0.05	0.10	0.05	0.11	0.05	0.10	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	5.9 J	0.47	U	0.05	U	0.05	U	0.05
Trichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43445		43446		43447		43448		43449	
Sample Location	100 GCP S. 101		100 GCP S. 101		100 GCP S. 102		100 GCP S. 102		100 GCP S. 100	
Sub Location	IA		IA		IA		IA		IA	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Tetrachloroethylene	0.09	0.05	0.07	0.05	0.08	0.05	0.10	0.05	0.08	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	0.09	0.05	0.07	0.05	0.08	0.05	0.11	0.05	0.08	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	U	0.05	U	0.05	U	0.05	0.07	0.05	U	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43450		43451		43452		43441		43443	
Sample Location	100 GCP S. 100		100 GCP S. 100		100 GCP S. 100 Co		100 Ring Rd S. 101 Co.		100 GCP Port 1	
Sub Location	IA		IA		IA		IA		SS	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Tetrachloroethylene	0.10	0.05	0.08	0.05	0.25	0.05	0.12	0.05	0.17	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	0.12	0.05	0.08	0.05	0.07	0.05	0.09	0.05	0.09	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	0.82	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43444		43442		6/22/2007		43463		43466	
Sample Location	100 GCP Port 2		100 Ring Rd S. 102		Method Blank		200 GCP S. 100		Ambient	
Sub Location	SS		IA		-		IA		-	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Tetrachloroethylene	0.15	0.05	0.09	0.05	U	0.05	0.10	0.05	0.07	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	0.11	0.05	0.07 J	0.05	U	0.05	0.10	0.05	0.11	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.63	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	1.5	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	0.07	0.05	U	0.05	U	0.05	0.06	0.05	U	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43468		43437		6/23/2007		43464		43465	
Sample Location	300 GCP S. 100		100 Ring Rd S. 103		Method Blank		200 GCP S. 100		Ambient	
Sub Location	IA		IA		-		IA		-	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Tetrachloroethylene	0.14	0.05	0.10	0.05	U	0.05	U	0.05	U	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	0.10	0.05	0.11	0.05	U	0.05	0.07	0.05	0.09	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	U	0.05	U	0.05	U	0.05	0.07	0.05	U	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43467		43469		43438		43439		43440	
Sample Location	300 GCP 170 A		300 GCP S. 100		100 Ring Rd S. 106		100 Ring Rd Port 2		100 Ring Rd S. 101	
Sub Location	IA		IA		IA		SS		IA	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Tetrachloroethylene	0.10	0.05	0.10	0.05	0.10	0.05	1.6	0.05	0.08	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	0.07	0.05	0.08	0.05	0.09	0.05	0.16	0.05	0.07	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	U	0.05	U	0.05	U	0.05	7.7	0.05	U	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43471		43472		43473		6/24/2007		43470	
Sample Location	300 GCP S. 130		300 GCP S. 134		300 GCP S. 144		Method Blank		300 GCP S. 100	
Sub Location	IA		IA		IA		-		IA	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Tetrachloroethylene	0.20	0.05	0.06	0.05	0.10	0.05	U	0.05	0.14	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	0.08	0.05	0.08	0.05	0.09	0.05	U	0.05	0.13	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	0.06	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43474		43459		43460		43461		43462	
Sample Location	300 GCP S. 144 Co.		200 GCP Tech School Rm 106		200 GCP TLC		200 GCP TLC		200 GCP S. 100	
Sub Location	IA		IA		IA		IA		IA	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	0.12	0.05	U	0.05
Tetrachloroethylene	0.08	0.05	0.10	0.05	0.08	0.05	0.09	0.05	0.10	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	0.07	0.05	0.07	0.05	0.08	0.05	0.08	0.05	0.11	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	0.06	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43477		43478		43484		43457		43458	
Sample Location	400 GCP N Stairs		400 GCP Basement		400 GCP S. 106		200 GCP Tech School		200 GCP Tech School Rm 110	
Sub Location	SS		IA		IA		IA		IA	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Tetrachloroethylene	3.9	0.05	0.06	0.05	0.06	0.05	0.12	0.05	U	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	0.22	0.05	0.08	0.05	0.10	0.05	0.08	0.05	U	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	0.84	0.05	U	0.05	U	0.05	U	0.05	U	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	6/25/2007		43479		43475		43429		43436	
Sample Location	Method Blank		400 GCP S. Stairs		300 GCP S. 134 A		Ambient		100 Ring Rd S. 108	
Sub Location	-		SS		IA		-		IA	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Tetrachloroethylene	U	0.05	1.9	0.05	0.20	0.05	0.06	0.05	0.14	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	U	0.05	U	0.05	0.09	0.05	0.12	0.05	0.08	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	U	0.05	0.07	0.05	U	0.05	U	0.05	U	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43453		43454		43480		43482		43486	
Sample Location	100 GCP S. 100		100 GCP S. 100		400 GCP Conf. Center		400 GCP S. 107		400 GCP S. 100	
Sub Location	IA		IA		IA		IA		IA	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	0.52	0.05	U	0.05	U	0.05
Tetrachloroethylene	0.07	0.05	0.07	0.05	0.15	0.05	0.07	0.05	0.07	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	0.12	0.05	0.08	0.05	0.09	0.05	0.08	0.05	0.12	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43487		43421		43423		43424		43489	
Sample Location	400 GCP S. 100		110 Ring Rd Port 2		110 Ring Rd Basement		110 Ring Rd Reception Area		Trip	
Sub Location	IA		SS		IA		IA		-	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Tetrachloroethylene	0.06	0.05	3.1	0.05	0.09	0.05	0.32	0.05	U	0.05
cis-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
t-1,2-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Carbon Tetrachloride	0.09	0.05	0.12	0.05	0.09	0.05	0.10	0.05	U	0.05
Vinyl Chloride	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
Trichloroethylene	U	0.05	1.0	0.05	U	0.05	U	0.05	U	0.05

Table 1.2a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	6/2/7/2007		43422	
Sample Location	Method Blank		110 Ring Rd Port 1	
Sub Location	-		SS	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv
1,2-Dichloroethane	U	0.05	U	0.05
Tetrachloroethylene	U	0.05	4.3	0.05
cis-1,2-Dichloroethylene	U	0.05	0.15	0.05
t-1,2-Dichloroethylene	U	0.05	0.31	0.05
Carbon Tetrachloride	U	0.05	0.15	0.05
Vinyl Chloride	U	0.05	U	0.05
1,1-Dichloroethane	U	0.05	U	0.05
1,1-Dichloroethylene	U	0.05	U	0.05
Trichloroethylene	U	0.05	2.2	0.05

Table 1.2b Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	6/20/2007		43481		43483		43485		6/21/2007	
Sample Location	Method Blank		400 GCP S. 111		400 GCP S. 103		400 GCP S. 100		Method Blank	
Sub Location	-		IA		IA		IA		-	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	2.4	0.2	U	0.2
Tetrachloroethylene	U	0.3	U	0.3	1.0	0.3	1.2	0.3	U	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	U	0.3	0.6	0.3	0.4	0.3	1.3	0.3	U	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Trichloroethylene	U	0.3	U	0.3	U	0.3	0.4	0.3	U	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43488		43425		43426		43427		43428	
Sample Location	Ambient		110 Ring Rd Conf Rm 1		110 Ring Rd Meeting Rm A		110 Ring Rd Meeting Rm B		110 Ring Rd Conf Rm C	
Sub Location	-		IA		IA		IA		IA	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Tetrachloroethylene	U	0.3	1.1	0.3	1.2	0.3	1.2	0.3	1.4	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	0.5	0.3	0.63	0.3	0.63	0.3	0.59	0.3	0.63	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	5.9 J	0.47	U	0.2	U	0.2	U	0.2
Trichloroethylene	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43445		43446		43447		43448		43449	
Sample Location	100 GCP S. 101		100 GCP S. 101		100 GCP S. 102		100 GCP S. 102		100 GCP S. 100	
Sub Location	IA		IA		IA		IA		IA	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Tetrachloroethylene	0.6	0.3	0.5	0.3	0.5	0.3	0.69	0.3	0.5	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	0.6	0.3	0.4	0.3	0.5	0.3	0.69	0.3	0.5	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Trichloroethylene	U	0.3	U	0.3	U	0.3	0.4	0.3	U	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43450		43451		43452		43441		43443	
Sample Location	100 GCP S. 100		100 GCP S. 100		100 GCP S. 100 Co		100 Ring Rd S. 101 Co.		100 GCP Port 1	
Sub Location	IA		IA		IA		IA		SS	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Tetrachloroethylene	0.68	0.3	0.5	0.3	1.7	0.3	0.81	0.3	1.2	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	0.75	0.3	0.5	0.3	0.4	0.3	0.6	0.3	0.6	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Trichloroethylene	U	0.3	U	0.3	U	0.3	U	0.3	4.4	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43444		43442		6/22/2007		43463		43466	
Sample Location	100 GCP Port 2		100 Ring Rd S. 102		Method Blank		200 GCP S. 100		Ambient	
Sub Location	SS		IA		-		IA		-	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Tetrachloroethylene	1.0	0.3	0.6	0.3	U	0.3	0.68	0.3	0.5	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	0.69	0.3	0.4 J	0.3	U	0.3	0.63	0.3	0.69	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	U	0.6	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	1.5	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Trichloroethylene	0.4	0.3	U	0.3	U	0.3	0.3	0.3	U	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43468		43437		6/23/2007		43464		43465	
Sample Location	300 GCP S. 100		100 Ring Rd S. 103		Method Blank		200 GCP S. 100		Ambient	
Sub Location	IA		IA		-		IA		-	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Tetrachloroethylene	1.95	0.3	0.68	0.3	U	0.3	U	0.3	U	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	0.63	0.3	0.69	0.3	U	0.3	0.44	0.3	0.6	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Trichloroethylene	U	0.3	U	0.3	U	0.3	0.4	0.3	U	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43467		43469		43438		43439		43440	
Sample Location	300 GCP 170 A		300 GCP S. 100		100 Ring Rd S. 106		100 Ring Rd Port 2		100 Ring Rd S. 101	
Sub Location	IA		IA		IA		SS		IA	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Tetrachloroethylene	0.68	0.3	0.68	0.3	0.68	0.3	11	0.3	0.5	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	0.4	0.3	0.5	0.3	0.6	0.3	1	0.3	0.4	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Trichloroethylene	U	0.3	U	0.3	U	0.3	42	0.3	U	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43471		43472		43473		6/24/2007		43470	
Sample Location	300 GCP S. 130		300 GCP S. 134		300 GCP S. 144		Method Blank		300 GCP S. 100	
Sub Location	IA		IA		IA		-		IA	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Tetrachloroethylene	1.4	0.3	0.4	0.3	0.68	0.3	U	0.3	0.95	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	0.5	0.3	0.5	0.3	0.6	0.3	U	0.3	0.82	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Trichloroethylene	U	0.3	U	0.3	U	0.3	U	0.3	0.3	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43474		43459		43460		43461		43462	
Sample Location	300 GCP S. 144 Co.		200 GCP Tech School Rm 106		200 GCP TLC		200 GCP TLC		200 GCP S. 100	
Sub Location	IA		IA		IA		IA		IA	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	0.49	0.2	U	0.2
Tetrachloroethylene	0.5	0.3	0.68	0.3	0.5	0.3	0.6	0.3	0.68	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	0.4	0.3	0.4	0.3	0.5	0.3	0.5	0.3	0.69	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Trichloroethylene	U	0.3	U	0.3	U	0.3	U	0.3	0.3	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43477		43478		43484		43457		43458	
Sample Location	400 GCP N Stairs		400 GCP Basement		400 GCP S. 106		200 GCP Tech School		200 GCP Tech School Rm 110	
Sub Location	SS		IA		IA		IA		IA	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Tetrachloroethylene	27	0.3	0.4	0.3	0.4	0.3	U	0.2	U	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	0.81	0.3	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	1.4	0.3	0.5	0.3	0.63	0.3	U	0.2	U	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	0.50	0.3	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.1	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2	U	0.3	U	0.2	U	0.2
Trichloroethylene	4.5	0.3	U	0.3	U	0.2	U	0.3	U	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	6/25/2007		43479		43475		43429		43436	
Sample Location	Method Blank		400 GCP S. Stairs		300 GCP S. 134 A		Ambient		100 Ring Rd S. 108	
Sub Location	-		SS		IA		-		IA	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Tetrachloroethylene	U	0.3	13	0.3	1.4	0.3	0.4	0.3	0.95	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	U	0.3	U	0.3	0.6	0.3	0.75	0.3	0.5	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Trichloroethylene	U	0.3	0.4	0.3	U	0.3	U	0.3	U	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43453		43454		43480		43482		43486	
Sample Location	100 GCP S. 100		100 GCP S. 100		400 GCP Conf. Center		400 GCP S. 107		400 GCP S. 100	
Sub Location	IA		IA		IA		IA		IA	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	2.1	0.2	U	0.2	U	0.2
Tetrachloroethylene	0.5	0.2	0.5	0.2	1.0	0.3	0.5	0.3	0.5	0.3
cis-1,2-Dichloroethylene	U	0.3	U	0.3	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	0.75	0.2	0.5	0.2	0.6	0.3	0.5	0.3	0.75	0.3
Vinyl Chloride	U	0.3	U	0.3	U	0.1	U	0.1	U	0.1
1,1-Dichloroethane	U	0.1	U	0.1	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2	U	0.3	U	0.2	U	0.2
Trichloroethylene	U	0.2	U	0.2	U	0.2	U	0.3	U	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	43487		43421		43423		43424		43489	
Sample Location	400 GCP S. 100		110 Ring Rd Port 2		110 Ring Rd Basement		110 Ring Rd Reception Area		Trip	
Sub Location	IA		SS		IA		IA		-	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Tetrachloroethylene	0.41	0.3	21	0.3	0.6	0.3	2.2	0.3	U	0.3
cis-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
t-1,2-Dichloroethylene	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
Carbon Tetrachloride	0.6	0.3	0.75	0.3	0.6	0.3	0.63	0.3	U	0.3
Vinyl Chloride	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.3	U	0.3	U	0.3	U	0.2
Trichloroethylene	U	0.3	5.5	0.2	U	0.2	U	0.2	U	0.3

Table 1.2b (cont) Results of the Analysis for VOC (µg/m³) in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Method TO-15

Sample Number	6/27/2007		43422	
Sample Location	Method Blank		110 Ring Rd Port 1	
Sub Location	-		SS	
Analyte	Result µg/m³	RL µg/m³	Result µg/m³	RL µg/m³
1,2-Dichloroethane	U	0.2	U	0.2
Tetrachloroethylene	U	0.3	29	0.3
cis-1,2-Dichloroethylene	U	0.2	0.59	0.2
t-1,2-Dichloroethylene	U	0.2	1.2	0.2
Carbon Tetrachloride	U	0.3	0.94	0.3
Vinyl Chloride	U	0.1	U	0.1
1,1-Dichloroethane	U	0.2	U	0.2
1,1-Dichloroethylene	U	0.2	U	0.2
Trichloroethylene	U	0.3	12	0.3

Table 2.1 Results of the LCS Analysis for VOC in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Sample Number: LFBLANK-64828 Full Scan
Date Analyzed 6/20/2007

Analyte	LCS Concentration Added ppbv	Concentration Recovered ppbv	LCS % Recovery	QC Limits. % Recovery
Propene	5.00	4.48	90	50-150
Dichlorodifluoromethane	5.00	4.08	82	70-130
Chloromethane	5.00	3.87	77	70-130
Freon 114	5.00	4.02	80	70-130
Vinyl Chloride	5.00	3.92	78	70-130
1,3-Butadiene	5.00	3.09	62	70-130
Bromomethane	5.00	3.72	74	70-130
Chloroethane	5.00	3.82	76	70-130
Acetone	5.00	4.62	92	50-150
Trichlorofluoromethane	5.00	3.74	75	70-130
Ethanol	5.00	8.40	168	50-150
1,1-Dichloroethene	5.00	3.94	79	70-130
Methylene Chloride	5.00	3.56	71	70-130
Freon 113	5.00	3.88	78	70-130
Carbon Disulfide	5.00	3.55	71	70-130
Trans-1,2-Dichloroethene	5.00	4.33	87	70-130
1,1-Dichloroethane	5.00	4.34	87	70-130
MTBE	5.00	4.39	88	70-130
Isopropanol	5.00	4.37	87	50-150
2-Butanone	5.00	3.98	80	50-150
Cis-1,2-Dichloroethene	5.00	4.38	88	70-130
Vinyl Acetate	5.00	4.79	96	70-130
Hexane	5.00	4.13	83	70-130
Ethyl Acetate	5.00	4.36	87	50-150
Chloroform	5.00	4.40	88	70-130
Tetrahydrofuran	5.00	4.52	90	50-150
1,2-Dichloroethane	5.00	4.49	90	70-130
1,1,1-Trichloroethane	5.00	3.92	78	70-130
Benzene	5.00	4.02	80	70-130
Carbon Tetrachloride	5.00	4.04	81	70-130
Cyclohexane	5.00	3.66	73	50-150
1,2-Dichloropropane	5.00	4.05	81	70-130
Bromodichloromethane	5.00	4.21	84	50-150
Trichloroethene	5.00	4.19	84	70-130
1,4~Dioxane	5.00	4.60	92	70-130
Heptane	5.00	3.87	77	50-150
Methyl isobutyl ketone	5.00	4.13	83	70-130
cis-1,3-Dichloropropene	5.00	4.19	84	70-130
trans-1,3-Dichloropropene	5.00	4.33	87	70-130
1,1,2-Trichloroethane	5.00	4.33	87	70-130
Table 1.2a (cont) Results of the Analysis	5.00	3.55	71	70-130
2-Hexanone(MBK)	5.00	4.19	84	70-130
Dibromochloromethane	5.00	4.43	89	70-130
1,2-Dibromoethane	5.00	4.39	88	70-130
Tetrachloroethene	5.00	4.16	83	70-130
Chlorobenzene	5.00	4.39	88	70-130
Ethylbenzene	5.00	4.40	88	70-130
m/p-xylenes	10.0	8.90	89	70-130
Bromoform	5.00	4.86	97	70-130
Styrene	5.00	4.89	98	70-130
o-Xylene	5.00	4.62	92	70-130
1,1,2, 2-Tetrachloroethane	5.00	4.73	95	70-130
4-Ethyltoluene	5.00	4.92	98	50-150
1,3,5-Trimethyl~Benzene	5.00	5.11	102	70-130
1,2,4-Trimethy~Benzene	5.00	4.97	99	70-130
1,3-Dichlorobenzene	5.00	5.05	101	70-130
Benzyl Chloride	5.00	4.82	96	70-130
1,4-Dichorobenzene	5.00	4.99	100	70-130
1, 2-Dichlorobenzene	5.00	5.01	100	70-130
1,2, 4-Trichlorobenzene	5.00	4.87	97	70-130
Hexachlorobutadiene	5.00	4.46	89	70-130

Table 2.1 (cont) Results of the LCS Analysis for VOC in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Sample Number: LFBLANK-64829 Full Scan
Date Analyzed 6/21/2007

Analyte	LCS Concentration Added ppbv	Concentration Recovered ppbv	LCS % Recovery	QC Limits. %Recovery
Propene	5.00	4.99	100	50-150
Dichlorodifluoromethane	5.00	4.70	94	70-130
Chloromethane	5.00	4.44	89	70-130
Freon 114	5.00	4.75	95	70-130
Vinyl Chloride	5.00	4.76	95	70-130
1,3-Butadiene	5.00	4.25	85	70-130
Bromomethane	5.00	4.71	94	70-130
Chloroethane	5.00	4.75	95	70-130
Acetone	5.00	5.33	107	50-150
Trichlorofluoromethane	5.00	4.67	93	70-130
Ethanol	5.00	9.29	186	50-150
1,1-Dichloroethene	5.00	4.72	94	70-130
Methylene Chloride	5.00	4.35	87	70-130
Freon 113	5.00	4.80	96	70-130
Carbon Disulfide	5.00	4.62	92	70-130
Table 1.2a (cont) Results of the Analysis	5.00	3.55	71	70-130
1,1-Dichloroethane	5.00	4.53	91	70-130
MTBE	5.00	4.69	94	70-130
Isopropanol	5.00	4.54	91	50-150
2-Butanone	5.00	4.24	85	50-150
Cis-1,2-Dichloroethene	5.00	4.62	92	70-130
Vinyl Acetate	5.00	4.88	98	70-130
Hexane	5.00	4.33	87	70-130
Ethyl Acetate	5.00	4.67	93	50-150
Chloroform	5.00	4.71	94	70-130
Tetrahydrofuran	5.00	4.59	92	50-150
1,2-Dichloroethane	5.00	4.76	95	70-130
1,1,1-Trichloroethane	5.00	4.33	87	70-130
Benzene	5.00	4.27	85	70-130
Carbon Tetrachloride	5.00	4.45	89	70-130
Cyclohexane	5.00	3.93	79	50-150
1,2-Dichloropropane	5.00	4.20	84	70-130
Bromodichloromethane	5.00	4.55	91	50-150
Trichloroethene	5.00	4.44	89	70-130
1,4-Dioxane	5.00	4.51	90	70-130
Heptane	5.00	4.08	82	50-150
Methyl isobutyl ketone	5.00	4.40	88	70-130
cis-1,3-Dichloropropene	5.00	4.39	88	70-130
trans-1,3-Dichloropropene	5.00	4.49	90	70-130
1,1,2-Trichloroethane	5.00	4.73	95	70-130
Toluene	5.00	4.57	91	70-130
2-Hexanone (MIBK)	5.00	4.44	89	70-130
Dibromochloromethane	5.00	4.86	97	70-130
1,2-Dibromoethane	5.00	4.65	93	70-130
Tetrachloroethene	5.00	4.54	91	70-130
Chlorobenzene	5.00	4.63	93	70-130
Ethylbenzene	5.00	4.77	95	70-130
m/p-xylenes	10.0	9.65	96	70-130
Bromoform	5.00	5.35	107	70-130
Styrene	5.00	5.28	106	70-130
o-Xylene	5.00	4.98	100	70-130
1,1,2, 2-Tetrachloroethane	5.00	5.13	103	70-130
4-Ethyltoluene	5.00	5.28	106	50-150
1,3,5-Trimethyl-Benzene	5.00	5.52	110	70-130
1,2,4-Trimethy-Benzene	5.00	5.40	108	70-130
1,3-Dichlorobenzene	5.00	5.42	108	70-130
Benzyl Chloride	5.00	5.05	101	70-130
1,4-Dichorobenzene	5.00	5.43	109	70-130
1, 2-Dichlorobenzene	5.00	5.49	110	70-130
1,2, 4-Trichlorobenzene	5.00	5.05	101	70-130
Hexachlorobutadiene	5.00	4.38	88	70-130

Table 2.1 (cont) Results of the LCS Analysis for VOC in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Sample Number: LFBLANK- 64875
Date Analyzed 06/23/07

Analyte	LCS Concentration Added ppbv	Concentration Recovered ppbv	LCS % Recovery	QC Limits. %Recovery
1,2-Dichloroethane	5.00	4.57	91	70-130
Tetrachloroethylene	5.00	4.12	82	70-130
cis-1,2-Dichloroethylene	5.00	4.33	87	70-130
t-1,2-Dichloroethylene	5.00	4.32	86	70-130
Carbon Tetrachloride	5.00	4.24	85	70-130
Vinyl Chloride	5.00	4.48	90	70-130
1,1-Dichloroethane	5.00	4.26	85	70-130
1,1-Dichloroethylene	5.00	4.51	90	70-130
Trichloroethylene	5.00	4.12	82	70-130

Sample Number: LFBLANK- 64901
Date Analyzed 06/24/07

Table 1.2a (cont) Results of the Analysi Analyte	LCS Concentration 5.000 ppbv	Concentration 3.554 ppbv	71 % Recovery	70-130 %Recovery
1,2-Dichloroethane	5.00	5.51	110	70-130
Tetrachloroethylene	5.00	5.19	104	70-130
cis-1,2-Dichloroethylene	5.00	4.80	96	70-130
t-1,2-Dichloroethylene	5.00	4.89	98	70-130
Carbon Tetrachloride	5.00	6.47	129	70-130
Vinyl Chloride	5.00	4.62	92	70-130
1,1-Dichloroethane	5.00	4.42	88	70-130
1,1-Dichloroethylene	5.00	4.58	92	70-130
Trichloroethylene	5.00	5.54	111	70-130

Sample Number: LFBLANK- 64919
Date Analyzed 06/25/07

Analyte	LCS Concentration Added ppbv	Concentration Recovered ppbv	LCS % Recovery	QC Limits. %Recovery
1,2-Dichloroethane	5.000	5.377	108	70-130
Tetrachloroethylene	5.000	4.259	85	70-130
cis-1,2-Dichloroethylene	5.000	4.561	91	70-130
t-1,2-Dichloroethylene	5.000	4.525	91	70-130
Carbon Tetrachloride	5.000	4.892	98	70-130
Vinyl Chloride	5.000	3.885	78	70-130
1,1-Dichloroethane	5.000	4.434	89	70-130
1,1-Dichloroethylene	5.000	4.754	95	70-130
Trichloroethylene	5.000	4.401	88	70-130

Sample Number: LFBLANK- 65006
Date Analyzed 06/27/07

Analyte	LCS Concentration Added ppbv	Concentration Recovered ppbv	LCS % Recovery	QC Limits. %Recovery
1,2-Dichloroethane	5.000	4.415	88	70-130
Tetrachloroethylene	5.000	3.988	80	70-130
cis-1,2-Dichloroethylene	5.000	4.063	81	70-130
t-1,2-Dichloroethylene	5.000	4.010	80	70-130
Carbon Tetrachloride	5.000	3.954	79	70-130
Vinyl Chloride	5.000	4.174	83	70-130
1,1-Dichloroethane	5.000	4.049	81	70-130
1,1-Dichloroethylene	5.000	4.195	84	70-130
Trichloroethylene	5.000	4.089	82	70-130

Table 2.2 Results of the Duplicate Analysis for VOC in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Sample Number 43456

Analyte	Initial Analysis ppbv	Duplicate Analysis ppbv	RPD		QC Limits RPD
Ethylbenzene	U	U	NC		25
Styrene	U	U	NC		25
Benzyl Chloride	U	U	NC		25
cis-1,3-Dichloropropene	U	U	NC		25
trans-1,3-Dichloropropene	U	U	NC		25
1,4-Dichlorobenzene	0.27	0.33	20		25
1,2-Dibromoethane	U	U	NC		25
1,3-Butadiene	U	U	NC		25
1,2-Dichloroethane	U	U	NC		25
Vinyl Acetate	0.62	0.83	29	*	25
4-Methyl-2-Pentanone (MIBK)	U	U	NC		25
1,3,5-Trimethylbenzene	U	U	NC		25
Toluene	1.2	1.4	18		25
Chlorobenzene	U	U	NC		25
Tetrahydrofuran	U	U	NC		25
Hexane	0.26	0.32	21		25
Cyclohexane	U	U	NC		25
Propene	U	U	NC		25
1,2,4-Trichlorobenzene	U	U	NC		25
Chlorodibromomethane	U	U	NC		25
Tetrachloroethylene	0.27	0.32	17		25
m/p-Xylene	U	0.22	NC		25
Ethyl Acetate	U	U	NC		25
n-Heptane	U	U	NC		25
cis-1,2-Dichloroethylene	U	U	NC		25
t-1,2-Dichloroethylene	U	U	NC		25
Methyl tert-Butyl Ether (MTBE)	U	U	NC		25
1,3-Dichlorobenzene	U	U	NC		25
Carbon Tetrachloride	U	U	NC		25
2-Hexanone	U	U	NC		25
4-Ethyl Toluene	U	U	NC		25
Ethanol	7.8	11	34	*	25
Isopropanol	0.44	0.65	39	*	25
Acetone	6.4	8.9	38	*	25
Chloroform	1.5	2.0	29	*	25
Benzene	U	U	NC		25
1,1,1-Trichloroethane	U	U	NC		25
Bromomethane	U	U	NC		25
Chloromethane	U	U	NC		25
Chloroethane	U	U	NC		25
Vinyl Chloride	U	U	NC		25
Methylene Chloride	0.39	0.50	25		25
Carbon Disulfide	U	U	NC		25
Bromoform	U	U	NC		25
Bromodichloromethane	U	U	NC		25
1,1-Dichloroethane	U	U	NC		25
1,1-Dichloroethylene	U	U	NC		25
Trichlorofluoromethane (Freon 11)	0.31	0.43	32	*	25
Dichlorodifluoromethane	1.6	1.9	17		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	U	U	NC		25
1,2-Dichlorotetrafluoroethane (114)	U	U	NC		25
1,2-Dichloropropane	U	U	NC		25
2-Butanone (MEK)	0.94	1.3	32	*	25
1,1,2-Trichloroethane	U	U	NC		25
Trichloroethylene	U	U	NC		25
1,1,2,2-Tetrachloroethane	U	U	NC		25
Hexachlorobutadiene	U	U	NC		25
o-Xylene	U	U	NC		25
1,2-Dichlorobenzene	U	U	NC		25
1,2,4-Trimethylbenzene	U	U	NC		25

Table 2.2 (cont) Results of the Duplicate Analysis for VOC in Air
WA # 0-254 Roosevelt Field Ground Water Contamination Superfund Site

Sample Number: 43437

Analyte	Initial Analysis ppbv	Duplicate Analysis ppbv	RPD	QC Limits RPD
1,2-Dichloroethane	U	U	NC	25
Tetrachloroethylene	0.10	0.10	0	25
cis-1,2-Dichloroethylene	U	U	NC	25
t-1,2-Dichloroethylene	U	U	NC	25
Carbon Tetrachloride	0.10	0.11	10	25
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethane	U	U	NC	25
1,1-Dichloroethylene	U	U	NC	25
Trichloroethylene	U	U	NC	25

Sample Number: 43440

Analyte	Initial Analysis ppbv	Duplicate Analysis ppbv	RPD	QC Limits RPD
1,2-Dichloroethane	U	U	NC	25
Tetrachloroethylene	0.08	0.10	11	25
cis-1,2-Dichloroethylene	U	U	NC	25
t-1,2-Dichloroethylene	U	U	NC	25
Carbon Tetrachloride	0.07	0.09	13	25
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethane	U	U	NC	25
1,1-Dichloroethylene	U	U	NC	25
Trichloroethylene	U	U	NC	25

Sample Number: 43451

Analyte	Initial Analysis ppbv	Duplicate Analysis ppbv	RPD	QC Limits RPD
1,2-Dichloroethane	U	U	NC	25
Tetrachloroethylene	0.08	0.10	11	25
cis-1,2-Dichloroethylene	U	U	NC	25
t-1,2-Dichloroethylene	U	U	NC	25
Carbon Tetrachloride	0.08	0.12	20	25
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethane	U	U	NC	25
1,1-Dichloroethylene	U	U	NC	25
Trichloroethylene	U	U	NC	25

Sample Number: 43457

Analyte	Initial Analysis ppbv	Duplicate Analysis ppbv	RPD	QC Limits RPD
1,2-Dichloroethane	U	U	NC	25
Tetrachloroethylene	0.12	0.12	0	25
cis-1,2-Dichloroethylene	U	U	NC	25
t-1,2-Dichloroethylene	U	U	NC	25
Carbon Tetrachloride	0.08	0.08	0	25
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethane	U	U	NC	25
1,1-Dichloroethylene	U	U	NC	25
Trichloroethylene	U	U	NC	25

Lockheed Martin Technology Services
Environmental Services REAC
2890 Woodbridge Avenue Building 209 Annex
Edison, NJ 08837-3679
Telephone 732-321-4200 Facsimile 732-494-4021

LOCKHEED MARTIN

Contest Analytical
39 Spruce Street 3rd Floor
East Longmeadow, MA 01028

Attn: Tim Kelly

June 1, 2007

As per Lockheed Martin / REAC Purchase Order 7100027087for Project 0-254, please analyze samples according to the following parameters:

Analysis/Method	Matrix	# of samples
VOA/TO-15 SIM(0.070 ppbv) See attached compound list	Summa	70
VOA/TO-15 Full list (As per bid 0507-32) See attached compound list	Summa	15

Samples are expected to arrive at your laboratory between June 15-18 , 2007. **All applicableQA/QC**(eg: BS/BSD, LCS, Duplicates, and Blanks) **analysis as per method, will be performed on our sample matrix**. Preliminary sample and QC result tables plus a signed copy of our Chain of Custody must be sent to REAC 10 business days after each batch of samples. The complete data package is due 15 business days after receipt of the samples. The complete data package must include all items on the deliverables checklist. **The laboratory must provide documentation for individual summa canister and flow controller certification.**

All sample and QC results must be summarized in a tab delimited file diskette deliverable. Units must be in ppbv and ug/m3 in the electronic deliverable.

The summa canisters and preset orifices must arrive at REAC by June 8, 007. The flow controllers should have ¼ inch fittings.

Please submit all reports concerning this project to **John Johnson at (732) 321-4248 or fax to (732) 494-4020 or john.m.johnson@lmco.com**. Any contractual question, please call Joshua Tapkas (301)8051-0305.

Sincerely,

Vinod Kansal

Vinod Kansal
Analytical Section Leader
Lockheed Martin / REAC Project

VK:jj Attachments

cc. R. Singhvi
J. Catanzarita
0254non\mem\0706\sub\0254Con2
V. Kansal
Subcontracting File
J. Soroka
J. Tapkas
J. Fry

TO-15 Compound List for Project 0254

Compound	SIM RL*
1,1-Dichloroethene	0.070
trans-1,2-Dichloroethene	0.070
cis-1,2-Dichloroethene	0.070
Trichloroethene	0.070
Tetrachloroethene	0.070
Carbon Tetrachloride	0.070
1,1-Dichloroethane	0.070
1,2-Dichloroethane	0.070
Vinyl Chloride	0.070

* After normal dilution rate of 1-2x

RESULTS FOR METHOD TO-15

Lab ID Number:
Client ID Number:

LIMS Number:
Date Analyzed:
Analyst:

Analyte:	Sample Results PPBv	Sample Results UG/M3	Reporting Limit PPBv	Reporting Limit UG/M3
Propene	ND	ND	0.10	0.17
Dichlorodifluoromethane (freon 12)	ND	ND	0.10	0.49
Chloromethane	ND	ND	0.10	0.21
1,2-Dichlorotetrafluoroethane (freon 114)	ND	ND	0.10	0.70
Vinyl Chloride	ND	ND	0.10	0.26
1,3 - Butadiene	ND	ND	0.10	0.22
Bromomethane	ND	ND	0.10	0.39
Chloroethane	ND	ND	0.10	0.26
Acetone	ND	ND	0.10	0.24
Trichlorofluoromethane (freon 11)	ND	ND	0.10	0.56
Ethanol	ND	ND	0.50	0.94
1,1-Dichloroethene	ND	ND	0.10	0.40
Methylene Chloride	ND	ND	0.10	0.35
1,1,2-Trichlorotrifluoroethane (freon 113)	ND	ND	0.10	0.77
Carbon Disulfide	ND	ND	0.10	0.31
trans-1,2-Dichloroethene	ND	ND	0.10	0.40
1,1-Dichloroethane	ND	ND	0.10	0.40
MTBE	ND	ND	0.10	0.36
Isopropyl Alcohol	ND	ND	0.10	0.25
2-Butanone (MEK)	ND	ND	0.10	0.29
cis-1,2-Dichloroethene	ND	ND	0.10	0.40
Hexane	ND	ND	0.10	0.35
Vinyl Acetate	ND	ND	0.50	1.76
Ethyl Acetate	ND	ND	0.10	0.36
Chloroform	ND	ND	0.10	0.49
Tetrahydrofuran	ND	ND	0.50	1.47
1,2-Dichloroethane	ND	ND	0.10	0.40
1,1,1-Trichloroethane	ND	ND	0.10	0.55
Benzene	ND	ND	0.10	0.32
Carbon Tetrachloride	ND	ND	0.10	0.63
Cyclohexane	ND	ND	0.50	1.72
1,2-Dichloropropane	ND	ND	0.10	0.46
Bromodichloromethane	ND	ND	0.10	0.67

Lab ID Number:
Client ID Number:

LIMS Number: 0
Date Analyzed: 1/0/1900
Analyst:

Analyte:	Sample Results PPBv	Sample Results UG/M3	Reporting Limit PPBv	Reporting Limit UG/M3
Trichloroethene	ND	ND	0.10	0.54
Heptane	ND	ND	0.10	0.41
4-Methyl-2-pentanone(MIBK)	ND	ND	0.10	0.41
cis-1,3-Dichloropropene	ND	ND	0.50	2.27
trans-1,3-Dichloropropene	ND	ND	0.50	2.27
1,1,2-Trichloroethane	ND	ND	0.10	0.55
Toluene	ND	ND	0.50	1.88
2-Hexanone (MBK)	ND	ND	0.50	2.05
Dibromochloromethane	ND	ND	0.10	0.85
1,2-Dibromoethane	ND	ND	0.10	0.77
Tetrachloroethene	ND	ND	0.10	0.68
Chlorobenzene	ND	ND	0.10	0.46
Ethylbenzene	ND	ND	0.50	2.17
M/P Xylenes	ND	ND	1.00	4.34
Styrene	ND	ND	0.50	2.13
O-Xylene	ND	ND	0.50	2.17
1,1,2,2-Tetrachloroethane	ND	ND	0.10	0.69
1,3,5-Trimethylbenzene	ND	ND	0.50	2.46
4-Ethyltoluene	ND	ND	0.50	2.46
1,2,4-Trimethylbenzene	ND	ND	0.50	2.46
1,3-Dichlorobenzene	ND	ND	0.10	0.60
Benzyl Chloride	ND	ND	0.50	2.59
1,4-Dichlorobenzene	ND	ND	0.50	3.01
1,2-Dichlorobenzene	ND	ND	0.10	0.60
1,2,4-Trichlorobenzene	ND	ND	0.10	0.74
Hexachlorobutadiene	ND	ND	0.10	0.92

Surrogate Recovery (4-BFB) *** %
Method: TO-15 (Modified)
Sampled into a Summa Canister.
Analyzed by GC/MS.

MDL = Minimum Detectable Limit
ND = Not Detected
PPBv = Parts Per Billion By Volume

LIMT-07181

18

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0001
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
078 23 6668	43421	110 Ring Rd Port 2	SS	TO-15 SIM	Soil Gas	6/12/2007	Summa Canister	-30	-8	in Hg
078 23 6669	43422	110 Ring Rd Port 1	SS	TO-15 SIM	Soil Gas	6/12/2007	Summa Canister	-30	-7	in Hg
078 23 6670	43423	110 Ring Rd Basement	IA	TO-15 SIM	Air	6/12/2007	Summa Canister	-30	-9	in Hg
078 23 6671	43424	110 Ring Rd Reception Area	IA	TO-15 SIM	Air	6/12/2007	Summa Canister	-30	-8	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[illegible]	6/15/07	[illegible]	06/18/07	0839						

0254-DAR-081607

030

302266

-IM1-01101

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0002
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
07823	616	43425	110 Ring Rd Conf Rm 1	IA	TO-15 SIM	Air	6/12/2007	Summa Canister	-30	-8	in Hg
07823	617	43426	110 Ring Rd Meeting Rm A	IA	TO-15 SIM	Air	6/12/2007	Summa Canister	-30	-11	in Hg
07823	618	43427	110 Ring Rd Meeting Rm B	IA	TO-15 SIM	Air	6/12/2007	Summa Canister	-30	-10	in Hg
07823	619	43428	110 Ring Rd Conf Rm C	IA	TO-15 SIM	Air	6/12/2007	Summa Canister	-30	-8	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[signature]	6/15/07	[signature]	06/18/07	0839						

0254-DAR-081607

031

302267

LIMT-01182

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0003
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
078236 02	43430	[redacted]	SS	Full List TO-15	Soil Gas	6/13/2007	Summa Canister	-30	-9	in Hg
078236 03	43431	[redacted]	SS	Full List TO-15	Soil Gas	6/13/2007	Summa Canister	-30	0	in Hg
078236 04	43432	[redacted]	SS	Full List TO-15	Soil Gas	6/13/2007	Summa Canister	-30	-9	in Hg
078236 05	43433	[redacted]	SS	Full List TO-15	Soil Gas	6/13/2007	Summa Canister	-30	-1	in Hg

Special Instructions: Full list TO-15 Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[signature]	6-15-07	[signature]	06/18/07	0839						

0254-DAR-081607

032

302268

L2M1-01181

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0004
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
07823	606	43434	[redacted]	25 East	Full List TO-15	Amb	6/13/2007	Summa Canister	-30	-8	in Hg
07823	607	43435	[redacted]	SS	Full List TO-15	Soil Gas	6/13/2007	Summa Canister	-30	-11	in Hg
07823	608	43455	[redacted]	SS	Full list TO-15	Soil Gas	6/13/2007	Summa Canister	-30	-8	in Hg
07823	609	43456	[redacted]	SS	Full list TO-15	Soil Gas	6/13/2007	Summa Canister	-29	-6	in Hg

Special Instructions: Full list TO-15 Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[signature]	6-15-07	[signature]	06/18/07	0839						

0254-DAR-081607

033

302269

LIM1-01181

11

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0005
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
078 23	640	43437	100 Ring Rd S. 103	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-9	in Hg
078 23	641	43438	100 Ring Rd S. 106	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-8	in Hg
078 23	642	43439	100 Ring Rd Port 2	SS	TO-15 SIM	Soil Gas	6/13/2007	Summa Canister	-30	-10	in Hg
078 23	643	43440	100 Ring Rd S. 101	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-9	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[illegible]	6-14-07	[illegible]	06/18/07	0839						

0254-DAR-081607

034

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ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0006
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
D7823	628	43441	100 Ring Rd S. 101 Co.	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-9	in Hg
D7823	629	43442	100 Ring Rd S. 102	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-18	in Hg
D7823	630	43443	100 GCP Port 1	SS	TO-15 SIM	Soil Gas	6/13/2007	Summa Canister	-30	-10	in Hg
D7823	631	43444	100 GCP Port 2	SS	TO-15 SIM	Soil Gas	6/13/2007	Summa Canister	-30	-1	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All / Analysis	[illegible]	6-15-07	[illegible]	06/18/07	0839						

0254-DAR-081607

035

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LIMT-01181

6

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0007
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
07823	620	43445	100 GCP S. 101	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-10	in Hg
07823	621	43446	100 GCP S. 101	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-6	in Hg
07823	622	43447	100 GCP S. 102	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-10	in Hg
07823	623	43448	100 GCP S. 102	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-10	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Air / Analysis	[illegible]	6-15-07	[illegible]	06/18/07	0839						

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ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0008
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
07823	624	43449	100 GCP S. 100	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-9	in Hg
07823	625	43450	100 GCP S. 100	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-10	in Hg
07823	626	43451	100 GCP S. 100	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-9	in Hg
07823	627	43452	100 GCP S. 100 Co	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-11.5	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All / Analysis	[illegible]	6-15-07	[illegible]	06/18/07	0839						

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0254-DAR-081607

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0009
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
07B23	660	43429	Ambient	110 Ring Rd	TO-15 SIM	Air	6/12/2007	Summa Canister	-30	-9	in Hg
07B23	661	43436	100 Ring Rd S. 108	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-8	in Hg
07B23	662	43453	100 GCP S. 100	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-6	in Hg
07B23	663	43454	100 GCP S. 100	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-8.5	in Hg

038

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[signature]	6-15-07	[signature]	06/18/07	0839						

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1-5

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0010
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
17823	648	43459	200 GCP Tech School Rm 106	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-10	in Hg
07823	649	43460	200 GCP TLC	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-8	in Hg
07823	650	43461	200 GCP TLC	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-9	in Hg
07823	651	43462	200 GCP S. 100	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-5	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[signature]	6-15-07	[signature]	06/18/07	0839						

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LIMT-07181

15

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0011
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
078 23	656	43457	200 GCP Tech School	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-8	in Hg
078 23	657	43458	200 GCP Tech School Rm 110	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-8	in Hg
078 23	658	43475	390 GCP S. 134 A	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	0	in Hg
078 23	659	43489	Trip		TO-15 SIM	Air	6/14/2007	Summa Canister	-30		in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[illegible]	6-15-07	[illegible]	06/18/07	0839						

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040

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ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0012
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
07823	632	43463	200 GCP S. 100	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-10	in Hg
07823	633	43464	200 GCP S. 100	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-7.5	in Hg
07823	634	43465	Ambient		TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-7	in Hg
07823	635	43466	Ambient		TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-7	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analyses	[signature]	6-15-07	[signature]	06/18/07	0839						

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041

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0254-DAR-081607

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0013
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
17B23	636	43467	300 GCP 170 A	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-8	in Hg
07B23	637	43468	300 GCP S. 100	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-8	in Hg
07B23	638	43469	300 GCP S. 100	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-8	in Hg
17B23	639	43470	300 GCP S. 100	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-7	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[illegible]	6-15-07	[illegible]	06/18/07	0839						

042

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12

0254-DAR-081607

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0014
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
07823	644	43471	300 GCP S. 130	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-8	in Hg
07823	645	43472	300 GCP S. 134	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-9	in Hg
07823	646	43473	300 GCP S. 144	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-9	in Hg
07823	647	43474	300 GCP S. 144 Co.	IA	TO-15 SIM	Air	6/13/2007	Summa Canister	-30	-18	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[signature]	6-15-07	[signature]	06/18/07	0839						

043

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14

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0015
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
078 23	652	43477	400 GCP N Stairs	SS	TO-15 SIM	Soil Gas	6/14/2007	Summa Canister	-30	-10	In Hg
078 23	653	43478	400 GCP Basement	IA	TO-15 SIM	Air	6/14/2007	Summa Canister	-30	-6	In Hg
078 23	654	43479	400 GCP S. Stairs	SS	TO-15 SIM	Soil Gas	6/14/2007	Summa Canister	-30	-8	In Hg
078 23	655	43484	400 GCP S. 108	IA	TO-15 SIM	Air	6/14/2007	Summa Canister	-30	-7	In Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All / Analysis	[signature]	6-15-07	[signature]	06/18/07	0839						

044

0254-DAR-081607

302280

LIMT-07181

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0016
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
07B23	664	43480	400 GCP Cont. Center	IA	TO-15 SIM	Air	6/14/2007	Summa Canister	-30	0	in Hg
07B23	665	43482	400 GCP S. 107	IA	TO-15 SIM	Air	6/14/2007	Summa Canister	-30	-6	in Hg
07B23	666	43486	400 GCP S. 100	IA	TO-15 SIM	Air	6/14/2007	Summa Canister	-30	-7	in Hg
07B23	667	43487	400 GCP S. 100	IA	TO-15 SIM	Air	6/14/2007	Summa Canister	-30	-7	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[signature]	6-15-07	[signature]	06/18/07	0839						

0254-DAR-081607

045

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ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0017
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
07823	612	43481	400 GCP S. 111	IA	TO-15 SIM	Air	6/14/2007	Summa Canister	-30	-7	in Hg
07823	613	43483	400 GCP S. 103	IA	TO-15 SIM	Air	6/14/2007	Summa Canister	-30	-7	in Hg
07823	614	43485	400 GCP S. 100	IA	TO-15 SIM	Air	6/14/2007	Summa Canister	-30	-17	in Hg
07823	615	43488	Ambient		TO-15 SIM	Air	6/14/2007	Summa Canister	-30	-7	in Hg

Special Instructions: TO-15 SIM Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[signature]	6/15-07	[signature]	06/18/07	0839						

0254-DAR-081607

046

302282

-IM1-01101

SV

ERT
REAC, Edison, NJ
EPA Contract Number: EP-C-04-032

CHAIN OF CUSTODY RECORD
Site #: 0-254
Contact Name: John Johnson
Contact Phone: 732-321-4248

No: 0-254-06/14/07-0018
DateShipped: 6/15/2007
Lab: Con-Test Analytical Laboratory
Lab Phone: 413-525-2332

	Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Collected	Container	Start Pressure	Stop Pressure	Press. Units
07823	610	43476	[redacted]	SS	Full List TO-15	Soil Gas	6/13/2007	Summa Canister	-30	-10	in Hg
07823	611	43490	Trip		Full List TO-15	Air	6/14/2007	Summa Canister	-30	-30	in Hg

Special Instructions: Full list TO-15 Analysis

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All Analysis	[signature]	6-15-07	Ken Mosby	06/18/07	0839						

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047

302283