OHM Remediation Services Corp.
3347 Michelson Drive, Suite 200
Irvine, CA 92612-1692
Tel. 949.261.6441
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A Member of The IT Group

M60050.000247
MCAS EL TORO
SSIC #5090.3

October 28, 1999

Ms. Bozier H. Demaree, Code 02R.BD
Contracting Officer
Naval Facilities Engineering Command, Southwest Division
1220 Pacific Highway
San Diego, California 92132-5187

Attn: Ms. Lynn Marie Hornecker

Subject: **Update of SVE Analytical Results for the SVE Well Testing at Site 24**
Contract N68711-93-D-1459, Delivery Order 065, Doc. Control No. SW7410
Removal and Remedial Actions at IRP Sites, MCAS El Toro, California

Dear Ms. Hornecker:

Attached are the copies of the preliminary fax copy of the laboratory analytical results for Site 24 SVE wells. Air samples were collected from the influent, midpoint, and effluent of the portable SVE system. The attached package has analytical data for SVE Wells 24SVE13 (long term), 24SVE15 (long term), 24SVE 15 A/B (long term), 24SVE18 (long term), 24SVE35 (long term), 24SVE35 A/B (long term), 24SVE138 (long term), 24SVE154 (long term), and 24SVE154 A/B (long term). Also attached is the central SVE system analytical data (the last set of samples collected by Earth Tech under OHM purchase order) divided into July, August, and September 1999 sampling events.

Additional data will be submitted as it is received, but this partial package is to help expedite your review of the data.

Should you have any questions or comments, please feel free to contact the undersigned at (949) 660-5446.

Sincerely,
OHM Remediation Services Corporation

William Sedlak, P.E.
Project Manager

cc: Lucreatria Holloway, SWDIV, COTR (1C/1E)
Crispin Wanyoike, Earth Tech (1C/1E)
OHM PMO File (1C/1E w/o disk)
Project File, Correspondence B.01

Attachments: 24SVE13, 24SVE15, 24SVE15 A/B, 24SVE18, 24SVE35, 24SVE35 A/B, 24SVE138, 24SVE154, and 24SVE154 A/B and the Central System analytical data

OHM Remediation Services Corp.
A Subsidiary of OHM Corporation

OHM TRANSMITTAL/DELIVERABLE RECEIPT

CONTRACT N68711-93-D-1459 **DOCUMENT CONTROL NO: SW7410.1**

TO: Contracting Officer
Naval Facilities Engineering Command
Southwest Division
Bozier H. Demaree, Code 02R1.BD
1220 Pacific Highway
San Diego, California 92132-5190

Date: 02-Nov-99

D.O.: 65

Location: MCAS EL TORO

FROM: Stewart Bornhoft, Program Manager

Edwin G. Bond, Contracts Manager

DESCRIPTION OF ENCLOSURE: ***Update of SVE Analytical Results for the SVE Well Testing at Site 24, Removal and Remedial Actions at IRP Sites, Revision 1, *Added Admin Record, dated October 28, 1999***

TYPE: Contract Deliverable ( ) ($) D. O. Deliverable (X) (Tech) Request for Change ( ) Other ( )

VERSION: N/A **REVISION:** 1

ADMIN RECORD: Yes (X) No ( ) Category ( ) Confidential ( )

SCHEDULED DELIVERY DATE: 02-Nov-99 **ACTUAL DELIVERY DATE:** 02-Nov-99

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[AS REQUIRED/DIRECTED BY THE (SOW)]

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G. Tinker, 05BM.GT (1C)	L. Bienkowski, Irv (1C/	

*document already submitted
added Admin Rec

99 NOV -2 14 19

Date/Time Received: RECEIVED COTR

Doc Class: D-03

Oh[illegible] Remediation Se[illegible]ces Corp.
Subsidiary of OHM Corporation
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CHAIN-OF-CUSTODY REC[illegible]

PROJECT DATA MANAGER'S COPY

217068

FORM 0019 REV. 2-97

24 SVE 13 - 77 days

06003301

[illegible] LAB COORDINATOR: B. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID: M96130210	LABORATORY CONTACT: [illegible]	MAIL REPORT (COMPANY NAME): IT
[illegible]ECT NAME: [illegible] Toro - D065	PROJECT LOCATION: MCAS El Toro, CA	PROJECT NUMBER:	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: —	RECIPIENT NAME: Dwayne Ishida
[illegible]ECT CONTACT: B. Bienkowski	PROJECT PHONE NUMBER: 949-451-1665	PROJECT FAX: —	LABORATORY ADDRESS: 1771 S. Grand	ADDRESS: 3347 Michelson, Suite 200	
[illegible]ECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, Ca	CITY, STATE, AND ZIPCODE: Irvine, CA 92612	
[illegible]ECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: (949) 660-5446	PROJECT MANAGER'S FAX: —			

Sample Identifier	Matrix	Date (1999)	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: 10-1-1	Dimethyl-1-hexene							Comments
18708-1286	Vapor	7-13	0917	—	2	III	5 day	X								Analyze A first
18708-1287	Vapor	7-13	0925	—	3	III	5 day	X								
18708-1288	Vapor	7-13	0935	—	2	III	24hr	X								
18708-1289	Vapor	7-13	0940	—	2	III	24hr	X		X						Analyze only if 18708-1288 is detected

W.J. 7/13/99

SAMPLES COLLECTED BY: Wai-Lynn Jefferson

COURIER AND AIR BILL NUMBER: Courier

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Wai-Lynn Jefferson	[illegible]	7/13/99	1355	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE13 - 77 days

Sample Point Location	Sample Type: G	C	F	QC
1. 24SVE13 - Ambient 77 days	X			X
2. 24SVE13 - Influent 77 days	X			
3. 24SVE13 - Mid Pt 77 days	X			
4. 24SVE13 - Effluent 77 days	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34100019

D:\GCMSB\990712\B2248.D

Quanterra Air Toxics Lab

Sample Name:	D017P102 OHM M9G130210-1	**Data Analyzed:**	13 Jul 99 19:00
Misc. Info:	500 ML 16708-1286 TEDLAR	**Method:**	MSB0713
Data Name:	B2248.D	**Shift Call.File:**	CC07131.D
Data Path:	D:\GCMSB\990712\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.04	ND	0.0099
3)	Chloromethan	0.03	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan	0.25	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.00	ND	0.0112
9)	1,1-Dichloroethene	-0.25	0.0207	0.0079
10)	Carbon Disulfide	-0.01	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	ND	0.0153
12)	Acetone	0.00	ND	0.0237
13)	Methylene Chloride	0.00	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	-0.05	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.03	ND	0.0294
19)	Chloroform	0.00	ND	0.0097
20)	1,1,1-Trichloroethane	-0.03	ND	0.0109
21)	Carbon Tetrachloride	0.00	ND	0.0126
23)	Benzene	0.02	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	0.01	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.39	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.10	ND	0.0409
32)	Toluene	-0.06	~~0.0085~~ ND	~~0.0075~~ 0.0188
34)	t-1,3-Dichloropropene	0.39	ND	0.0091
35)	1,1,2-Trichloroethane	-0.22	ND	0.0109
36)	Tetrachloroethene	-0.04	ND	0.0135
37)	2-Hexanone	-0.06	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene	-0.02	ND	0.0092
41)	Ethylbenzene	-0.01	ND	0.0087
42)	p,&m-Xylene	0.01	ND	0.0087
43)	o-Xylene	0.02	ND	0.0087
44)	Styrene	0.01	ND	0.0085
45)	Bromoform		ND	0.0206
	MTBE		ND	0.036

D:\GCMSB\990712\B2248.D

Sample Name:	D017P102 OHM M9G130210-1	Data Analyzed:	07/13/99 19:00
Misc. Info:	500 ML 18708-1286 TEDLAR	Method:	MSB0713
Data Name:	B2248.D	Shift Call.File:	CC07131.D
Data Path:	D:\GCMSB\990712\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.05	ND	0.0137
48)	Benzyl Chloride	-0.06	ND	0.0518
49)	4-Ethyl Toluene	0.01	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.06	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.10	ND	0.0098
52)	1,3-Dichlorobenzene	0.29	ND	0.0120
53)	1,4-Dichlorobenzene	0.12	ND	0.0120
54)	1,2-Dichlorobenzene	-0.37	ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.31	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	299952	296522	OK	7.11	7.09	OK
1,4-Difluorobenzene	988698	872111	OK	8.74	8.72	OK
Chlorobenzene-d5	891509	770886	OK	14.07	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.36	100.7
Toluene-d8	50	42.64	85.3
4-Bromofluorobenzene	50	53.39	106.8

Comments:

Foot Notes:

1st Review: 7/21/99 2nd Review A0072290

D:\GCMSB\990712\B2250.D

Quanterra Air Toxics Lab

Sample Name:	DO17V-102 OHM M9G130210-2	**Data Analyzed:**	14 Jul 99 12:05
Misc. Info:	15 ML 18708-1287 T.BAG	**Method:**	MSB0714
Data Name:	B2250.D	**Shift Call.File:**	CC07141.D
Data Path:	D:\GCMSB\990712\	**Dilution Factor:**	33.33

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)		ND	66.66
3) Chloromethane		ND	133.32
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	66.66
5) Vinyl Chloride		ND	66.66
6) Bromomethane		ND	66.66
7) Chloroethane		ND	133.32
8) Trichlorofluoromethane (11)		ND	66.66
9) 1,1-Dichloroethene	-0.01	ND	66.66
10) Carbon Disulfid		ND	333.30
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.00	208.27	66.66
12) Acetone	0.05	ND	333.30
13) Methylene Chloride	-0.00	ND	66.66
14) t-1,2-Dichloroethene		ND	66.66
15) 1,1-Dichloroethane		ND	66.66
16) Vinyl Acetate	0.39	ND	333.30
17) c-1,2-Dichloroethene		ND	66.66
18) 2-Butanone		ND	333.30
19) Chloroform	0.02	ND	66.66
20) 1,1,1-Trichloroethane		ND	66.66
21) Carbon Tetrachloride	0.02	ND	66.66
23) Benzene	0.01	ND	66.66
25) 1,2-Dichloroethane		ND	66.66
26) Trichloroethene	0.02	373.86	66.66
27) 1,2-Dichloropropane		ND	66.66
28) Bromodichloromethane		ND	66.66
29) c-1,3-Dichloropropene		ND	66.66
30) 4-Methyl-2-Pentanone	0.00	ND	333.30
32) Toluene	0.04	ND	~~166.66~~ 166.66
34) t-1,3-Dichloropropene		ND	66.66
35) 1,1,2-Trichloroethane	0.18	ND (RT) 196.42	66.66
36) Tetrachloroethene	0.02	6952.26	66.66
37) 2-Hexanone		ND	999.90
38) Dibromochloromethane		ND	66.66
39) 1,2-Dibromoethane		ND	66.66
40) Chlorobenzene	0.01	ND	66.66
41) Ethylbenzene	0.23	ND	66.66
42) p,&m-Xylene	0.04	ND	66.66
43) o-Xylene		ND	66.66
44) Styrene		ND	66.66
45) Bromoform		ND	66.66
MTBE		ND	333.30

D:\GCMSB\990712\B2250.D

Sample Name:	DO17V-102 OHM M9G130210-2	Data Analyzed:	07/14/99 12:05
Misc. Info:	15 ML 18708-1287 T.BAG	Method:	MSB0714
Data Name:	B2250.D	Shift Call.File:	CC07141.D
Data Path:	D:\GCMSB\990712\	Dilution Factor:	33.33

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	66.66
48) Benzyl Chloride		ND	333.30
49) 4-Ethyl Toluene	0.01	ND	66.66
50) 1,3,5-Trimethylbenzene	-0.04	ND	66.66
51) 1,2,4-Trimethylbenzene	0.05	ND	66.66
52) 1,3-Dichlorobenzene		ND	66.66
53) 1,4-Dichlorobenzene		ND	66.66
54) 1,2-Dichlorobenzene		ND	66.66
55) 1,2,4-Trichlorobenzene		ND	666.60
56) Hexachlorobutadiene		ND	133.32

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	280754	293547	OK	7.10	7.09	OK
1,4-Difluorobenzene	852762	872991	OK	8.75	8.74	OK
Chlorobenzene-d5	789818	755051	OK	14.06	14.06	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	45.29	90.6
Toluene-d8	50	46.41	92.8
4-Bromofluorobenzene	50	45.54	91.1

Comments:

Foot Notes:

1st Review: 7/21/99

2nd Review: 10 07/21/99

IT CORPORATION

Client Sample ID: 18708-1288

GC/MS Volatiles

Lot-Sample #...: M9G130210-003 **Work Order #...:** D017X102 **Matrix.....:** AIR
Date Sampled...: 07/13/99 09:35 **Date Received..:** 07/13/99
Prep Date.....: 07/13/99 **Analysis Date..:** 07/13/99
Prep Batch #...: 9195314 **Analysis Time..:** 16:27
Dilution Factor: 1
Analyst ID.....: 358011 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**31**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1288

GC/MS Volatiles

Lot-Sample #...: M9G130210-003 **Work Order #...:** D017X102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1289

GC/MS Volatiles

Lot-Sample #...: M9G130210-004 **Work Order #...:** D0182102 **Matrix.....:** AIR
Date Sampled...: 07/13/99 09:40 **Date Received..:** 07/13/99
Prep Date.....: 07/13/99 **Analysis Date..:** 07/13/99
Prep Batch #...: 9195314 **Analysis Time..:** 16:56
Dilution Factor: 1
Analyst ID.....: 358011 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**17**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1289

GC/MS Volatiles

Lot-Sample #...: M9G130210-004 **Work Order #...:** D0182102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

d:\gcmsb\990712\B2248.D

Quanterra Air Toxics Lab

Sample Name:	D017P102 OHM M9G130210-1	Data Analyzed:	13 Jul 99 19:00
Misc. Info:	500 ML 18708-1286 TEDLAR	Method:	MSB0713
Data Name:	B2248.D	Shift Call.File:	CC07131.D
Data Path:	d:\gcmsb\990712\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.04	ND	2.00
3) Chloromethane	0.03	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane	0.25	ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	-0.00	ND	2.00
9) 1,1-Dichloroethene	-0.25	5.22	2.00
10) Carbon Disulfid	-0.01	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.02	ND	2.00
12) Acetone	0.00	ND	10.00
13) Methylene Chloride	0.00	ND	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane		ND	2.00
16) Vinyl Acetate	-0.05	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	0.03	ND	10.00
19) Chloroform	0.00	ND	2.00
20) 1,1,1-Trichloroethane	-0.03	ND	2.00
21) Carbon Tetrachloride	0.00	ND	2.00
23) Benzene	0.02	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	0.01	ND	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane		ND	2.00
29) c-1,3-Dichloropropene	0.39	ND	2.00
30) 4-Methyl-2-Pentanone	-0.10	ND	10.00
32) Toluene	-0.06	~~2.20~~ ND	~~2.00~~ 5
34) t-1,3-Dichloropropene	0.39	ND	2.00
35) 1,1,2-Trichloroethane	-0.22	ND	2.00
36) Tetrachloroethene	-0.04	ND	2.00
37) 2-Hexanone	-0.06	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene	-0.02	ND	2.00
41) Ethylbenzene	-0.01	ND	2.00
42) p,&m-Xylene	0.01	ND	2.00
43) o-Xylene	0.02	ND	2.00
44) Styrene	0.01	ND	2.00
45) Bromoform		ND	2.00
MTBE		ND	10

d:\gcmsb\990712\B2248.D

Sample Name:	D017P102 OHM M9G130210-1	Data Analyzed:	07/13/99 19:00
Misc. Info:	500 ML 18708-1286 TEDLAR	Method:	MSB0713
Data Name:	B2248.D	Shift Call.File:	CC07131.D
Data Path:	d:\gcmsb\990712\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.05	ND	2.00
48) Benzyl Chloride	-0.06	ND	10.00
49) 4-Ethyl Toluene	0.01	ND	2.00
50) 1,3,5-Trimethylbenzene	0.06	ND	2.00
51) 1,2,4-Trimethylbenzene	0.10	ND	2.00
52) 1,3-Dichlorobenzene	0.29	ND	2.00
53) 1,4-Dichlorobenzene	0.12	ND	2.00
54) 1,2-Dichlorobenzene	-0.37	ND	2.00
55) 1,2,4-Trichlorobenzene	-0.31	ND	20.00
56) Hexachlorobutadiene		ND	4.00

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	299952	296522	OK	7.11	7.09	OK
1,4-Difluorobenzene	988698	872111	OK	8.74	8.72	OK
Chlorobenzene-d5	891509	770886	OK	14.07	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.36	100.7
Toluene-d8	50	42.64	85.3
4-Bromofluorobenzene	50	53.39	106.8

Comments:

Foot Notes:

1st Review: 7/21/99

2nd Review: 10 07 2099

Quanterra Air Toxics Lab

Sample Name:	DO17V-102 OHM M9G130210-2	**Data Analyzed:**	14 Jul 99 12:05
Misc. Info:	15 ML 18708-1287 T.BAG	**Method:**	MSB0714
Data Name:	B2250.D	**Shift Cal.File:**	CC07141.D
Data Path:	D:\GCMSB\990712\	**Dilution Factor:**	33.33

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	0.3290
3)	Chloromethan		ND	0.2748
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.4650
5)	Vinyl Chloride		ND	0.1700
6)	Bromomethan		ND	0.2583
7)	Chloroethane		ND	0.3510
8)	Trichlorofluoromethane (11)		ND	0.3738
9)	1,1-Dichloroethene	-0.01	ND	0.2638
10)	Carbon Disulfide		ND	1.0359
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	1.5929	0.5098
12)	Acetone	0.05	ND	0.7903
13)	Methylene Chloride	-0.00	ND	0.2311
14)	t-1,2-Dichloroethene		ND	0.2638
15)	1,1-Dichloroethane		ND	0.2692
16)	Vinyl Acetate	0.39	ND	1.1712
17)	c-1,2-Dichloroethene		ND	0.2638
18)	2-Butanone		ND	0.9809
19)	Chloroform	0.02	ND	0.3248
20)	1,1,1-Trichloroethane		ND	0.3830
21)	Carbon Tetrachloride	0.02	ND	0.4185
23)	Benzene	0.01	ND	0.2125
25)	1,2-Dichloroethane		ND	0.2692
26)	Trichloroethene	0.02	2.0050	0.3575
27)	1,2-Dichloropropane		ND	0.3074
28)	Bromodichloromethane		ND	0.4458
29)	c-1,3-Dichloropropene		ND	0.3019
30)	4-Methyl-2-Pentanone	0.00	ND	1.3625
32)	Toluene	0.04	ND	~~0.2607~~ 0.6266
34)	t-1,3-Dichloropropene		ND	0.3019
35)	1,1,2-Trichloroethane	0.18	ND (RT) 0.5785	0.3630
36)	Tetrachloroethene	0.02	47.0599	0.4512
37)	2-Hexanone		ND	4.0876
38)	Dibromochloromethane		ND	0.5667
39)	1,2-Dibromoethane		ND	0.5111
40)	Chlorobenzene	0.01	ND	0.3062
41)	Ethylbenzene	0.23	ND	0.2888
42)	p,&m-Xylene	0.04	ND	0.2888
43)	o-Xylene		ND	0.2888
44)	Styrene		ND	0.2834
45)	Bromoform		ND	0.8877
	MTBE		ND	1.199

No ORMD

D:\GCMSB\990712\B2250.D

Sample Name:	DO17V-102 OHM M9G130210-	Data Analyzed:	07/14/99 12:05
Misc. Info:	15 ML 18708-1287 T.BAG	Method:	MSB0714
Data Name:	B2250.D	Shift Call.File:	CC07141.D
Data Path:	D:\GCMSB\990712\	Dilution Factor:	33.33

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.4587
48)	Benzyl Chloride		ND	1.7252
49)	4-Ethyl Toluene	0.01	ND	0.3270
50)	1,3,5-Trimethylbenzene	-0.04	ND	0.3270
51)	1,2,4-Trimethylbenzene	0.05	ND	0.3270
52)	1,3-Dichlorobenzene		ND	0.4000
53)	1,4-Dichlorobenzene		ND	0.4000
54)	1,2-Dichlorobenzene		ND	0.4000
55)	1,2,4-Trichlorobenzene		ND	4.9368
56)	Hexachlorobutadiene		ND	1.4189

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	280754	293547	OK	7.10	7.09	OK
1,4-Difluorobenzene	852762	872991	OK	8.75	8.74	OK
Chlorobenzene-d5	789818	755051	OK	14.06	14.06	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	45.29	90.6
Toluene-d8	50	46.41	92.8
4-Bromofluorobenzene	50	45.54	91.1

Comments:

Foot Notes:

1st Review: 7/21/99 2nd Review 7/07/99

IT CORPORATION

Client Sample ID: 18708-1288

GC/MS Volatiles

Lot-Sample #...: M9G130210-003 **Work Order #...:** D017X101 **Matrix.....:** AIR
Date Sampled...: 07/13/99 09:35 **Date Received..:** 07/13/99
Prep Date.....: 07/13/99 **Analysis Date..:** 07/13/99
Prep Batch #...: 9195316 **Analysis Time..:** 16:27
Dilution Factor: 1
Analyst ID.....: 358011 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.21**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1288

GC/MS Volatiles

Lot-Sample #...: M9G130210-003 **Work Order #...:** D017X101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1289

GC/MS Volatiles

Lot-Sample #...: M9G130210-004 **Work Order #...:** D0182101 **Matrix.....:** AIR
Date Sampled...: 07/13/99 09:40 **Date Received..:** 07/13/99
Prep Date.....: 07/13/99 **Analysis Date..:** 07/13/99
Prep Batch #...: 9195316 **Analysis Time..:** 16:56
Dilution Factor: 1
Analyst ID.....: 358011 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.11**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1289

GC/MS Volatiles

Lot-Sample #...: M9G130210-004 **Work Order #...:** D0182101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

217102

FORM 0019 REV. 2-97

24SVE 15 & 4hr

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-261-1537	LAB COORDINATOR'S FAX: 949-475-2433	LABORATORY SERVICE ID: M9H2XV53	LABORATORY CONTACT: Quanchera	MAIL REPORT (COMPANY NAME): IT Group
PROJECT NAME: El Toro - DO65	PROJECT LOCATION: El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 904-590-1878	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER:	PROJECT FAX:	LABORATORY ADDRESS: 1701 S. Grand Ave.		ADDRESS: 3347 Michelson #200
PROJECT ADDRESS:	CITY, STATE AND ZIPCODE:	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine CA 92612
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-261-1661	PROJECT MANAGER'S FAX:			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Analyze EB "A" first. Analyze only if 18708-1368 is detected
1	18708-1367	Vapor	8-26	1445 1520	—	2	II	24hr	X	
2	18708-1368	Vapor	8-26	1505	—	2	II	24hr	X	
3	18708-1369	Vapor	8-26	1445	—	3	II	5day	X	
4	18708-1370	Vapor	8-26	1445	—	2	III	5day	X	
5										
6										
7										
8										
9										
10										

W.J. 8-26-99

SAMPLES COLLECTED BY: May-Lynn Jefferson

COURIER AND AIR BILL NUMBER: Courier

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
May-Lynn Jefferson	[illegible]	8/26/99		

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE 15 4hr

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE15 - effluent 4hr.				
2. 24SVE15 - mid Pt. 4hr				
3. 24SVE15 - influent 4hr				
4. 24SVE15 - ambient 4hr				

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

3710580

IT CORPORATION

Client Sample ID: 18708-1367

GC/MS Volatiles

Lot-Sample #...: M9H270183-001 Work Order #...: D1T7G102 Matrix.....: AIR
Date Sampled...: 08/26/99 15:20 Date Received..: 08/26/99
Prep Date.....: 08/26/99 Analysis Date..: 08/26/99
Prep Batch #...: 9239285 Analysis Time..: 17:03
Dilution Factor: 3.3
Analyst ID.....: 117751 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	6.6	ppb(v/v)
Chloromethane	ND	13	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	6.6	ppb(v/v)
Vinyl chloride	ND	6.6	ppb(v/v)
Bromomethane	ND	6.6	ppb(v/v)
Chloroethane	ND	13	ppb(v/v)
Trichlorofluoromethane	ND	6.6	ppb(v/v)
1,1-Dichloroethene	**350**	**6.6**	**ppb(v/v)**
Carbon disulfide	ND	33	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**180**	**6.6**	**ppb(v/v)**
Acetone	ND	33	ppb(v/v)
Methylene chloride	ND	6.6	ppb(v/v)
trans-1,2-Dichloroethene	ND	6.6	ppb(v/v)
1,1-Dichloroethane	ND	6.6	ppb(v/v)
Vinyl acetate	ND	33	ppb(v/v)
cis-1,2-Dichloroethene	ND	6.6	ppb(v/v)
2-Butanone (MEK)	ND	33	ppb(v/v)
Chloroform	ND	6.6	ppb(v/v)
1,1,1-Trichloroethane	ND	6.6	ppb(v/v)
Carbon tetrachloride	ND	6.6	ppb(v/v)
Benzene	ND	6.6	ppb(v/v)
1,2-Dichloroethane	ND	6.6	ppb(v/v)
Trichloroethene	ND	6.6	ppb(v/v)
1,2-Dichloropropane	ND	6.6	ppb(v/v)
Bromodichloromethane	ND	6.6	ppb(v/v)
cis-1,3-Dichloropropene	ND	6.6	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	33	ppb(v/v)
Toluene	ND	16	ppb(v/v)
trans-1,3-Dichloropropene	ND	6.6	ppb(v/v)
1,1,2-Trichloroethane	ND	6.6	ppb(v/v)
Tetrachloroethene	ND	6.6	ppb(v/v)
2-Hexanone	ND	99	ppb(v/v)
Dibromochloromethane	ND	6.6	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	6.6	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1367

GC/MS Volatiles

Lot-Sample #...: M9H270183-001 Work Order #...: D1T7G102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	6.6	ppb(v/v)
Ethylbenzene	ND	6.6	ppb(v/v)
Xylenes (total)	ND	6.6	ppb(v/v)
Styrene	ND	6.6	ppb(v/v)
Bromoform	ND	6.6	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	6.6	ppb(v/v)
Benzyl chloride	ND	33	ppb(v/v)
4-Ethyltoluene	ND	6.6	ppb(v/v)
1,3,5-Trimethylbenzene	ND	6.6	ppb(v/v)
1,2,4-Trimethylbenzene	ND	6.6	ppb(v/v)
1,3-Dichlorobenzene	ND	6.6	ppb(v/v)
1,4-Dichlorobenzene	ND	6.6	ppb(v/v)
1,2-Dichlorobenzene	ND	6.6	ppb(v/v)
1,2,4-Trichlorobenzene	ND	66	ppb(v/v)
Hexachlorobutadiene	ND	13	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	33	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1368

GC/MS Volatiles

Lot-Sample #...: M9H270183-002 Work Order #...: D1T7L102 Matrix.....: AIR
Date Sampled...: 08/26/99 15:15 Date Received..: 08/26/99
Prep Date.....: 08/26/99 Analysis Date..: 08/26/99
Prep Batch #...: 9239285 Analysis Time..: 17:32
Dilution Factor: 5
Analyst ID.....: 117751 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	10	ppb(v/v)
Chloromethane	ND	20	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	10	ppb(v/v)
Vinyl chloride	ND	10	ppb(v/v)
Bromomethane	ND	10	ppb(v/v)
Chloroethane	ND	20	ppb(v/v)
Trichlorofluoromethane	ND	10	ppb(v/v)
1,1-Dichloroethene	**860**	**10**	**ppb(v/v)**
Carbon disulfide	ND	50	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**130**	**10**	**ppb(v/v)**
Acetone	ND	50	ppb(v/v)
Methylene chloride	ND	10	ppb(v/v)
trans-1,2-Dichloroethene	ND	10	ppb(v/v)
1,1-Dichloroethane	ND	10	ppb(v/v)
Vinyl acetate	ND	50	ppb(v/v)
cis-1,2-Dichloroethene	ND	10	ppb(v/v)
2-Butanone (MEK)	ND	50	ppb(v/v)
Chloroform	**11**	**10**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	10	ppb(v/v)
Carbon tetrachloride	ND	10	ppb(v/v)
Benzene	ND	10	ppb(v/v)
1,2-Dichloroethane	ND	10	ppb(v/v)
Trichloroethene	ND	10	ppb(v/v)
1,2-Dichloropropane	ND	10	ppb(v/v)
Bromodichloromethane	ND	10	ppb(v/v)
cis-1,3-Dichloropropene	ND	10	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	50	ppb(v/v)
Toluene	ND	25	ppb(v/v)
trans-1,3-Dichloropropene	ND	10	ppb(v/v)
1,1,2-Trichloroethane	ND	10	ppb(v/v)
Tetrachloroethene	ND	10	ppb(v/v)
2-Hexanone	ND	150	ppb(v/v)
Dibromochloromethane	ND	10	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	10	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1368

GC/MS Volatiles

Lot-Sample #...: M9H270183-002 Work Order #...: D1T7L102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	10	ppb(v/v)
Ethylbenzene	ND	10	ppb(v/v)
Xylenes (total)	ND	10	ppb(v/v)
Styrene	ND	10	ppb(v/v)
Bromoform	ND	10	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	10	ppb(v/v)
Benzyl chloride	ND	50	ppb(v/v)
4-Ethyltoluene	ND	10	ppb(v/v)
1,3,5-Trimethylbenzene	ND	10	ppb(v/v)
1,2,4-Trimethylbenzene	ND	10	ppb(v/v)
1,3-Dichlorobenzene	ND	10	ppb(v/v)
1,4-Dichlorobenzene	ND	10	ppb(v/v)
1,2-Dichlorobenzene	ND	10	ppb(v/v)
1,2,4-Trichlorobenzene	ND	100	ppb(v/v)
Hexachlorobutadiene	ND	20	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	50	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1369

GC/MS Volatiles

Lot-Sample #...: M9H270183-003 **Work Order #...:** D1T7P102 **Matrix.....:** AIR
Date Sampled...: 08/26/99 14:50 **Date Received..:** 08/26/99
Prep Date.....: 08/26/99 **Analysis Date..:** 08/26/99
Prep Batch #...: 9239285 **Analysis Time..:** 18:01
Dilution Factor: 4
Analyst ID.....: 117751 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	8.0	ppb(v/v)
Chloromethane	ND	16	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	8.0	ppb(v/v)
Vinyl chloride	ND	8.0	ppb(v/v)
Bromomethane	ND	8.0	ppb(v/v)
Chloroethane	ND	16	ppb(v/v)
Trichlorofluoromethane	ND	8.0	ppb(v/v)
1,1-Dichloroethene	ND	8.0	ppb(v/v)
Carbon disulfide	ND	40	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**68**	**8.0**	**ppb(v/v)**
Acetone	ND	40	ppb(v/v)
Methylene chloride	ND	8.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	8.0	ppb(v/v)
1,1-Dichloroethane	ND	8.0	ppb(v/v)
Vinyl acetate	ND	40	ppb(v/v)
cis-1,2-Dichloroethene	ND	8.0	ppb(v/v)
2-Butanone (MEK)	**130**	**40**	**ppb(v/v)**
Chloroform	**570**	**8.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	8.0	ppb(v/v)
Carbon tetrachloride	ND	8.0	ppb(v/v)
Benzene	ND	8.0	ppb(v/v)
1,2-Dichloroethane	ND	8.0	ppb(v/v)
Trichloroethene	**640**	**8.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	8.0	ppb(v/v)
Bromodichloromethane	ND	8.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	8.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	40	ppb(v/v)
Toluene	ND	20	ppb(v/v)
trans-1,3-Dichloropropene	ND	8.0	ppb(v/v)
1,1,2-Trichloroethane	ND	8.0	ppb(v/v)
Tetrachloroethene	**16**	**8.0**	**ppb(v/v)**
2-Hexanone	ND	120	ppb(v/v)
Dibromochloromethane	ND	8.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	8.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1369

GC/MS Volatiles

Lot-Sample #...: M9H270183-003 Work Order #...: D1T7P102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	8.0	ppb(v/v)
Ethylbenzene	ND	8.0	ppb(v/v)
Xylenes (total)	ND	8.0	ppb(v/v)
Styrene	ND	8.0	ppb(v/v)
Bromoform	ND	8.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	8.0	ppb(v/v)
Benzyl chloride	ND	40	ppb(v/v)
4-Ethyltoluene	ND	8.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	8.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	8.0	ppb(v/v)
1,3-Dichlorobenzene	ND	8.0	ppb(v/v)
1,4-Dichlorobenzene	ND	8.0	ppb(v/v)
1,2-Dichlorobenzene	ND	8.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	80	ppb(v/v)
Hexachlorobutadiene	ND	16	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	40	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1370

GC/MS Volatiles

Lot-Sample #...: M9H270183-004 Work Order #...: D1T7Q102 Matrix.....: AIR
Date Sampled...: 08/26/99 14:45 Date Received..: 08/26/99
Prep Date.....: 08/26/99 Analysis Date..: 08/26/99
Prep Batch #...: 9239285 Analysis Time..: 18:36
Dilution Factor: 1
Analyst ID.....: 117751 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1370

GC/MS Volatiles

Lot-Sample #...: M9H270183-004 Work Order #...: D1T7Q102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1367

GC/MS Volatiles

Lot-Sample #...: M9H270183-001 Work Order #...: D1T7G101 Matrix.....: AIR
Date Sampled...: 08/26/99 15:20 Date Received..: 08/26/99
Prep Date.....: 08/26/99 Analysis Date..: 08/26/99
Prep Batch #...: 9239296 Analysis Time..: 17:03
Dilution Factor: 3.3
Analyst ID.....: 117751 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.033	ug/L
Chloromethane	ND	0.027	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.046	ug/L
Vinyl chloride	ND	0.017	ug/L
Bromomethane	ND	0.026	ug/L
Chloroethane	ND	0.036	ug/L
Trichlorofluoromethane	ND	0.036	ug/L
1,1-Dichloroethene	**1.4**	**0.026**	**ug/L**
Carbon disulfide	ND	0.10	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.4**	**0.050**	**ug/L**
Acetone	ND	0.079	ug/L
Methylene chloride	ND	0.023	ug/L
trans-1,2-Dichloroethene	ND	0.026	ug/L
1,1-Dichloroethane	ND	0.027	ug/L
Vinyl acetate	ND	0.12	ug/L
cis-1,2-Dichloroethene	ND	0.026	ug/L
2-Butanone (MEK)	ND	0.096	ug/L
Chloroform	ND	0.032	ug/L
1,1,1-Trichloroethane	ND	0.036	ug/L
Carbon tetrachloride	ND	0.043	ug/L
Benzene	ND	0.021	ug/L
1,2-Dichloroethane	ND	0.027	ug/L
Trichloroethene	ND	0.036	ug/L
1,2-Dichloropropane	ND	0.030	ug/L
Bromodichloromethane	ND	0.043	ug/L
cis-1,3-Dichloropropene	ND	0.030	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.14	ug/L
Toluene	ND	0.062	ug/L
trans-1,3-Dichloropropene	ND	0.030	ug/L
1,1,2-Trichloroethane	ND	0.036	ug/L
Tetrachloroethene	ND	0.046	ug/L
2-Hexanone	ND	0.40	ug/L
Dibromochloromethane	ND	0.056	ug/L
1,2-Dibromoethane (EDB)	ND	0.050	ug/L

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IT CORPORATION

Client Sample ID: 18708-1367

GC/MS Volatiles

Lot-Sample #...: M9H270183-001 Work Order #...: D1T7G101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.030	ug/L
Ethylbenzene	ND	0.029	ug/L
Xylenes (total)	ND	0.029	ug/L
Styrene	ND	0.028	ug/L
Bromoform	ND	0.069	ug/L
1,1,2,2-Tetrachloroethane	ND	0.046	ug/L
Benzyl chloride	ND	0.17	ug/L
4-Ethyltoluene	ND	0.032	ug/L
1,3,5-Trimethylbenzene	ND	0.032	ug/L
1,2,4-Trimethylbenzene	ND	0.032	ug/L
1,3-Dichlorobenzene	ND	0.040	ug/L
1,4-Dichlorobenzene	ND	0.040	ug/L
1,2-Dichlorobenzene	ND	0.040	ug/L
1,2,4-Trichlorobenzene	ND	0.50	ug/L
Hexachlorobutadiene	ND	0.14	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.12	ug/L

IT CORPORATION

Client Sample ID: 18708-1368

GC/MS Volatiles

Lot-Sample #...: M9H270183-002 Work Order #...: D1T7L101 Matrix.....: AIR
Date Sampled...: 08/26/99 15:15 Date Received..: 08/26/99
Prep Date.....: 08/26/99 Analysis Date..: 08/26/99
Prep Batch #...: 9239296 Analysis Time..: 17:32
Dilution Factor: 5
Analyst ID.....: 117751 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.050	ug/L
Chloromethane	ND	0.041	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.070	ug/L
Vinyl chloride	ND	0.026	ug/L
Bromomethane	ND	0.039	ug/L
Chloroethane	ND	0.055	ug/L
Trichlorofluoromethane	ND	0.055	ug/L
1,1-Dichloroethene	**3.4**	**0.040**	**ug/L**
Carbon disulfide	ND	0.16	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.99**	**0.075**	**ug/L**
Acetone	ND	0.12	ug/L
Methylene chloride	ND	0.034	ug/L
trans-1,2-Dichloroethene	ND	0.040	ug/L
1,1-Dichloroethane	ND	0.040	ug/L
Vinyl acetate	ND	0.18	ug/L
cis-1,2-Dichloroethene	ND	0.040	ug/L
2-Butanone (MEK)	ND	0.14	ug/L
Chloroform	**0.052**	**0.048**	**ug/L**
1,1,1-Trichloroethane	ND	0.055	ug/L
Carbon tetrachloride	ND	0.065	ug/L
Benzene	ND	0.032	ug/L
1,2-Dichloroethane	ND	0.040	ug/L
Trichloroethene	ND	0.055	ug/L
1,2-Dichloropropane	ND	0.046	ug/L
Bromodichloromethane	ND	0.065	ug/L
cis-1,3-Dichloropropene	ND	0.046	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.20	ug/L
Toluene	ND	0.094	ug/L
trans-1,3-Dichloropropene	ND	0.046	ug/L
1,1,2-Trichloroethane	ND	0.055	ug/L
Tetrachloroethene	ND	0.070	ug/L
2-Hexanone	ND	0.60	ug/L
Dibromochloromethane	ND	0.085	ug/L
1,2-Dibromoethane (EDB)	ND	0.075	ug/L

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IT CORPORATION

Client Sample ID: 18708-1368

GC/MS Volatiles

Lot-Sample #...: M9H270183-002 Work Order #...: D1T7L101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.046	ug/L
Ethylbenzene	ND	0.044	ug/L
Xylenes (total)	ND	0.044	ug/L
Styrene	ND	0.042	ug/L
Bromoform	ND	0.10	ug/L
1,1,2,2-Tetrachloroethane	ND	0.070	ug/L
Benzyl chloride	ND	0.26	ug/L
4-Ethyltoluene	ND	0.049	ug/L
1,3,5-Trimethylbenzene	ND	0.049	ug/L
1,2,4-Trimethylbenzene	ND	0.049	ug/L
1,3-Dichlorobenzene	ND	0.060	ug/L
1,4-Dichlorobenzene	ND	0.060	ug/L
1,2-Dichlorobenzene	ND	0.060	ug/L
1,2,4-Trichlorobenzene	ND	0.75	ug/L
Hexachlorobutadiene	ND	0.22	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.18	ug/L

IT CORPORATION

Client Sample ID: 18708-1369

GC/MS Volatiles

Lot-Sample #...: M9H270183-003 Work Order #...: D1T7P101 Matrix.....: AIR
Date Sampled...: 08/26/99 14:50 Date Received..: 08/26/99
Prep Date.....: 08/26/99 Analysis Date..: 08/26/99
Prep Batch #...: 9239296 Analysis Time..: 18:01
Dilution Factor: 4
Analyst ID.....: 117751 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.040	ug/L
Chloromethane	ND	0.033	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.056	ug/L
Vinyl chloride	ND	0.020	ug/L
Bromomethane	ND	0.031	ug/L
Chloroethane	ND	0.044	ug/L
Trichlorofluoromethane	ND	0.044	ug/L
1,1-Dichloroethene	ND	0.032	ug/L
Carbon disulfide	ND	0.12	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.52**	**0.060**	**ug/L**
Acetone	ND	0.096	ug/L
Methylene chloride	ND	0.028	ug/L
trans-1,2-Dichloroethene	ND	0.032	ug/L
1,1-Dichloroethane	ND	0.032	ug/L
Vinyl acetate	ND	0.14	ug/L
cis-1,2-Dichloroethene	ND	0.032	ug/L
2-Butanone (MEK)	**0.37**	**0.12**	**ug/L**
Chloroform	**2.8**	**0.039**	**ug/L**
1,1,1-Trichloroethane	ND	0.044	ug/L
Carbon tetrachloride	ND	0.052	ug/L
Benzene	ND	0.026	ug/L
1,2-Dichloroethane	ND	0.032	ug/L
Trichloroethene	**3.5**	**0.044**	**ug/L**
1,2-Dichloropropane	ND	0.037	ug/L
Bromodichloromethane	ND	0.052	ug/L
cis-1,3-Dichloropropene	ND	0.036	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.16	ug/L
Toluene	ND	0.075	ug/L
trans-1,3-Dichloropropene	ND	0.036	ug/L
1,1,2-Trichloroethane	ND	0.044	ug/L
Tetrachloroethene	**0.11**	**0.056**	**ug/L**
2-Hexanone	ND	0.48	ug/L
Dibromochloromethane	ND	0.068	ug/L
1,2-Dibromoethane (EDB)	ND	0.060	ug/L

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IT CORPORATION

Client Sample ID: 18708-1369

GC/MS Volatiles

Lot-Sample #...: M9H270183-003 Work Order #...: D1T7P101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.037	ug/L
Ethylbenzene	ND	0.035	ug/L
Xylenes (total)	ND	0.035	ug/L
Styrene	ND	0.034	ug/L
Bromoform	ND	0.084	ug/L
1,1,2,2-Tetrachloroethane	ND	0.056	ug/L
Benzyl chloride	ND	0.21	ug/L
4-Ethyltoluene	ND	0.039	ug/L
1,3,5-Trimethylbenzene	ND	0.039	ug/L
1,2,4-Trimethylbenzene	ND	0.039	ug/L
1,3-Dichlorobenzene	ND	0.048	ug/L
1,4-Dichlorobenzene	ND	0.048	ug/L
1,2-Dichlorobenzene	ND	0.048	ug/L
1,2,4-Trichlorobenzene	ND	0.60	ug/L
Hexachlorobutadiene	ND	0.17	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.14	ug/L

IT CORPORATION

Client Sample ID: 18708-1370

GC/MS Volatiles

Lot-Sample #...:	M9H270183-004	**Work Order #...:**	D1T7Q101	**Matrix.....:**	AIR
Date Sampled...:	08/26/99 14:45	**Date Received..:**	08/26/99		
Prep Date.....:	08/26/99	**Analysis Date..:**	08/26/99		
Prep Batch #...:	9239296	**Analysis Time..:**	18:36		
Dilution Factor:	1				
Analyst ID.....:	117751	**Instrument ID..:**	MSB		
		Method.....:	EPA-19 TO-14		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1370

GC/MS Volatiles

Lot-Sample #...: M9H270183-004 **Work Order #...:** D1T7Q101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

COMPLETED 8-27-99

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222582
FORM 0019 REV. 2-97

24SVE15 - 24hr

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-475-2433	LABORATORY SERVICE ID: M9H270281	LABORATORY CONTACT: Quantera	MAIL REPORT (COMPANY NAME): IT Group
PROJECT NAME: El Toro-D065	PROJECT LOCATION: El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 909-590-1878	LABORATORY FAX:	RECIPIENT NAME: Dwayne Eshida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER:	PROJECT FAX:	LABORATORY ADDRESS: 1721 S. Grand Ave.		ADDRESS: 3347 Michelson #200
PROJECT ADDRESS:	CITY, STATE AND ZIPCODE:	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA 92612
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE:	PROJECT MANAGER'S FAX:			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Contingent Hold	Comments
1	18708-1373	Vapor	8-27	1030	—	2	III	5day	X		Analyze only "A" first
2	18708-1374	Vapor	8-27	1035	—	3	III	5day	X		
3	18708-1375	Vapor	8-27	1036	—	2	IV	5day	X		
4	18708-1376	Vapor	8-27	1100	—	2	III	24hr	X		
5	18708-1377	Vapor	8-27	1105	—	2	III	24hr	X	A	Analyze only if 18708-1376 is detected
6											
7											
8											
9											
10											

8-27-99

SAMPLES COLLECTED BY: Wayne Yates
COURIER AND AIR BILL NUMBER: Courier
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Wayne Yates	Edith Thomas	8/27/99		

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE15 - 24hr

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE15 Ambient - 24hr	X			
2. 24SVE15 Influent - 24hr	X			
3. 24SVE15 - 24hr DUP - Influent	X			X
4. 24SVE15 main Pt. - 24hr	X			
5. 24SVE15 Effluent - 24hr	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

341800577

IT CORPORATION

Client Sample ID: 18708-1373

GC/MS Volatiles

Lot-Sample #...: M9H270281-001 **Work Order #...:** D1TX4102 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:30 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242356 **Analysis Time..:** 14:33
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	11	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1373

GC/MS Volatiles

Lot-Sample #...: M9H270281-001 **Work Order #...:** D1TX4102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

AUG 30'99 17:14 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.04

IT CORPORATION

Client Sample ID: 18708-1374

GC/MS Volatiles

Lot-Sample #...: M9H270281-002 **Work Order #...:** D1TX5102 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:35 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242356 **Analysis Time..:** 16:07
Dilution Factor: 2.5
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	5.0	ppb(v/v)
Chloromethane	ND	10	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	5.0	ppb(v/v)
Vinyl chloride	ND	5.0	ppb(v/v)
Bromomethane	ND	5.0	ppb(v/v)
Chloroethane	ND	10	ppb(v/v)
Trichlorofluoromethane	ND	5.0	ppb(v/v)
1,1-Dichloroethene	ND	5.0	ppb(v/v)
Carbon disulfide	ND	25	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**41**	**5.0**	**ppb(v/v)**
etone	ND	25	ppb(v/v)
ethylene chloride	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	5.0	ppb(v/v)
1,1-Dichloroethane	ND	5.0	ppb(v/v)
Vinyl acetate	ND	25	ppb(v/v)
cis-1,2-Dichloroethene	ND	5.0	ppb(v/v)
2-Butanone (MEK)	ND	25	ppb(v/v)
Chloroform	**420**	**5.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	5.0	ppb(v/v)
Carbon tetrachloride	ND	5.0	ppb(v/v)
Benzene	ND	5.0	ppb(v/v)
1,2-Dichloroethane	ND	5.0	ppb(v/v)
Trichloroethene	**510**	**5.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	5.0	ppb(v/v)
Bromodichloromethane	ND	5.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	5.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	25	ppb(v/v)
Toluene	ND	12	ppb(v/v)
trans-1,3-Dichloropropene	ND	5.0	ppb(v/v)
1,1,2-Trichloroethane	ND	5.0	ppb(v/v)
Tetrachloroethene	**11**	**5.0**	**ppb(v/v)**
2-Hexanone	ND	75	ppb(v/v)
Dibromochloromethane	ND	5.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	5.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1374

GC/MS Volatiles

Lot-Sample #...: M9H270281-002 **Work Order #...:** D1TX5102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	5.0	ppb(v/v)
Ethylbenzene	ND	5.0	ppb(v/v)
Xylenes (total)	ND	5.0	ppb(v/v)
Styrene	ND	5.0	ppb(v/v)
Bromoform	ND	5.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	5.0	ppb(v/v)
Benzyl chloride	ND	25	ppb(v/v)
4-Ethyltoluene	ND	5.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	5.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	5.0	ppb(v/v)
1,3-Dichlorobenzene	ND	5.0	ppb(v/v)
1,4-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	50	ppb(v/v)
Hexachlorobutadiene	ND	10	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	25	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1375

GC/MS Volatiles

Lot-Sample #...: M9H270281-003 **Work Order #...:** D1TX7102 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:36 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242356 **Analysis Time..:** 16:38
Dilution Factor: 2.5
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	5.0	ppb(v/v)
Chloromethane	ND	10	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	5.0	ppb(v/v)
Vinyl chloride	ND	5.0	ppb(v/v)
Bromomethane	ND	5.0	ppb(v/v)
Chloroethane	ND	10	ppb(v/v)
Trichlorofluoromethane	ND	5.0	ppb(v/v)
1,1-Dichloroethene	ND	5.0	ppb(v/v)
Carbon disulfide	ND	25	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**48**	**5.0**	**ppb(v/v)**
Acetone	ND	25	ppb(v/v)
Methylene chloride	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	5.0	ppb(v/v)
1,1-Dichloroethane	ND	5.0	ppb(v/v)
Vinyl acetate	ND	25	ppb(v/v)
cis-1,2-Dichloroethene	ND	5.0	ppb(v/v)
2-Butanone (MEK)	ND	25	ppb(v/v)
Chloroform	**470**	**5.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	5.0	ppb(v/v)
Carbon tetrachloride	ND	5.0	ppb(v/v)
Benzene	ND	5.0	ppb(v/v)
1,2-Dichloroethane	ND	5.0	ppb(v/v)
Trichloroethene	**600**	**5.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	5.0	ppb(v/v)
Bromodichloromethane	ND	5.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	5.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	25	ppb(v/v)
Toluene	ND	12	ppb(v/v)
trans-1,3-Dichloropropene	ND	5.0	ppb(v/v)
1,1,2-Trichloroethane	ND	5.0	ppb(v/v)
Tetrachloroethene	**13**	**5.0**	**ppb(v/v)**
2-Hexanone	ND	75	ppb(v/v)
Dibromochloromethane	ND	5.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	5.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1375

GC/MS Volatiles

Lot-Sample #...: M9H270281-003 **Work Order #...:** D1TX7102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	5.0	ppb(v/v)
Ethylbenzene	ND	5.0	ppb(v/v)
Xylenes (total)	ND	5.0	ppb(v/v)
Styrene	ND	5.0	ppb(v/v)
Bromoform	ND	5.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	5.0	ppb(v/v)
Benzyl chloride	ND	25	ppb(v/v)
4-Ethyltoluene	ND	5.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	5.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	5.0	ppb(v/v)
1,3-Dichlorobenzene	ND	5.0	ppb(v/v)
1,4-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	50	ppb(v/v)
Hexachlorobutadiene	ND	10	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	25	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1376

GC/MS Volatiles

Lot-Sample #...: M9H270281-004 **Work Order #...:** D1TX8102 **Matrix.....:** AIR
Date Sampled...: 08/27/99 11:00 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242356 **Analysis Time..:** 15:08
Dilution Factor: 2.5
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	5.0	ppb(v/v)
Chloromethane	ND	10	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	5.0	ppb(v/v)
Vinyl chloride	ND	5.0	ppb(v/v)
Bromomethane	ND	5.0	ppb(v/v)
Chloroethane	ND	10	ppb(v/v)
Trichlorofluoromethane	ND	5.0	ppb(v/v)
1,1-Dichloroethene	**590**	**5.0**	**ppb(v/v)**
Carbon disulfide	ND	25	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**79**	**5.0**	**ppb(v/v)**
etone	ND	25	ppb(v/v)
Methylene chloride	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	5.0	ppb(v/v)
1,1-Dichloroethane	ND	5.0	ppb(v/v)
Vinyl acetate	ND	25	ppb(v/v)
cis-1,2-Dichloroethene	ND	5.0	ppb(v/v)
2-Butanone (MEK)	ND	25	ppb(v/v)
Chloroform	**6.4**	**5.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	5.0	ppb(v/v)
Carbon tetrachloride	ND	5.0	ppb(v/v)
Benzene	ND	5.0	ppb(v/v)
1,2-Dichloroethane	ND	5.0	ppb(v/v)
Trichloroethene	ND	5.0	ppb(v/v)
1,2-Dichloropropane	ND	5.0	ppb(v/v)
Bromodichloromethane	ND	5.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	5.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	25	ppb(v/v)
Toluene	ND	12	ppb(v/v)
trans-1,3-Dichloropropene	ND	5.0	ppb(v/v)
1,1,2-Trichloroethane	ND	5.0	ppb(v/v)
Tetrachloroethene	ND	5.0	ppb(v/v)
2-Hexanone	ND	75	ppb(v/v)
Dibromochloromethane	ND	5.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	5.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1376

GC/MS Volatiles

Lot-Sample #...: M9H270281-004 **Work Order #...:** D1TX8102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	5.0	ppb(v/v)
Ethylbenzene	ND	5.0	ppb(v/v)
Xylenes (total)	ND	5.0	ppb(v/v)
Styrene	ND	5.0	ppb(v/v)
Bromoform	ND	5.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	5.0	ppb(v/v)
Benzyl chloride	ND	25	ppb(v/v)
4-Ethyltoluene	ND	5.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	5.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	5.0	ppb(v/v)
1,3-Dichlorobenzene	ND	5.0	ppb(v/v)
1,4-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	50	ppb(v/v)
Hexachlorobutadiene	ND	10	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	25	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1377

GC/MS Volatiles

Lot-Sample #...: M9H270281-005 **Work Order #...:** D1TX9102 **Matrix.....:** AIR
Date Sampled...: 08/27/99 11:05 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242356 **Analysis Time..:** 15:36
Dilution Factor: 2
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	4.0	ppb(v/v)
Chloromethane	ND	8.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	4.0	ppb(v/v)
Vinyl chloride	ND	4.0	ppb(v/v)
Bromomethane	ND	4.0	ppb(v/v)
Chloroethane	ND	8.0	ppb(v/v)
Trichlorofluoromethane	ND	4.0	ppb(v/v)
1,1-Dichloroethene	**350**	**4.0**	**ppb(v/v)**
Carbon disulfide	ND	20	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**160**	**4.0**	**ppb(v/v)**
Acetone	ND	20	ppb(v/v)
Methylene chloride	ND	4.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	4.0	ppb(v/v)
1,1-Dichloroethane	ND	4.0	ppb(v/v)
Vinyl acetate	ND	20	ppb(v/v)
cis-1,2-Dichloroethene	ND	4.0	ppb(v/v)
2-Butanone (MEK)	ND	20	ppb(v/v)
Chloroform	ND	4.0	ppb(v/v)
1,1,1-Trichloroethane	ND	4.0	ppb(v/v)
Carbon tetrachloride	ND	4.0	ppb(v/v)
Benzene	ND	4.0	ppb(v/v)
1,2-Dichloroethane	ND	4.0	ppb(v/v)
Trichloroethene	ND	4.0	ppb(v/v)
1,2-Dichloropropane	ND	4.0	ppb(v/v)
Bromodichloromethane	ND	4.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	4.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	20	ppb(v/v)
Toluene	ND	10	ppb(v/v)
trans-1,3-Dichloropropene	ND	4.0	ppb(v/v)
1,1,2-Trichloroethane	ND	4.0	ppb(v/v)
Tetrachloroethene	ND	4.0	ppb(v/v)
2-Hexanone	ND	60	ppb(v/v)
Dibromochloromethane	ND	4.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	4.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1377

GC/MS Volatiles

Lot-Sample #...: M9H270281-005 **Work Order #...:** D1TX9102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	4.0	ppb(v/v)
Ethylbenzene	ND	4.0	ppb(v/v)
Xylenes (total)	ND	4.0	ppb(v/v)
Styrene	ND	4.0	ppb(v/v)
Bromoform	ND	4.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	4.0	ppb(v/v)
Benzyl chloride	ND	20	ppb(v/v)
4-Ethyltoluene	ND	4.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	4.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	4.0	ppb(v/v)
1,3-Dichlorobenzene	ND	4.0	ppb(v/v)
1,4-Dichlorobenzene	ND	4.0	ppb(v/v)
1,2-Dichlorobenzene	ND	4.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	40	ppb(v/v)
Hexachlorobutadiene	ND	8.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	20	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1373

GC/MS Volatiles

Lot-Sample #...: M9H270281-001 **Work Order #...:** D1TX4101 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:30 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242357 **Analysis Time..:** 14:33
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	0.027	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1373

GC/MS Volatiles

Lot-Sample #...: M9H270281-001 **Work Order #...:** D1TX4101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1374

GC/MS Volatiles

Lot-Sample #...: M9H270281-002 **Work Order #...:** D1TX5101 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:35 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242357 **Analysis Time..:** 16:07
Dilution Factor: 2.5
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.025	ug/L
Chloromethane	ND	0.020	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.035	ug/L
Vinyl chloride	ND	0.013	ug/L
Bromomethane	ND	0.020	ug/L
Chloroethane	ND	0.028	ug/L
Trichlorofluoromethane	ND	0.028	ug/L
1,1-Dichloroethene	ND	0.020	ug/L
Carbon disulfide	ND	0.078	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.31**	**0.038**	**ug/L**
Acetone	ND	0.060	ug/L
Methylene chloride	ND	0.017	ug/L
trans-1,2-Dichloroethene	ND	0.020	ug/L
1,1-Dichloroethane	ND	0.020	ug/L
Vinyl acetate	ND	0.088	ug/L
cis-1,2-Dichloroethene	ND	0.020	ug/L
2-Butanone (MEK)	ND	0.072	ug/L
Chloroform	**2.0**	**0.024**	**ug/L**
1,1,1-Trichloroethane	ND	0.028	ug/L
Carbon tetrachloride	ND	0.032	ug/L
Benzene	ND	0.016	ug/L
1,2-Dichloroethane	ND	0.020	ug/L
Trichloroethene	**2.7**	**0.028**	**ug/L**
1,2-Dichloropropane	ND	0.023	ug/L
Bromodichloromethane	ND	0.032	ug/L
cis-1,3-Dichloropropene	ND	0.023	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.10	ug/L
Toluene	ND	0.047	ug/L
trans-1,3-Dichloropropene	ND	0.023	ug/L
1,1,2-Trichloroethane	ND	0.028	ug/L
Tetrachloroethene	**0.076**	**0.035**	**ug/L**
2-Hexanone	ND	0.30	ug/L
Dibromochloromethane	ND	0.042	ug/L
1,2-Dibromoethane (EDB)	ND	0.038	ug/L

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IT CORPORATION

Client Sample ID: 18708-1374

GC/MS Volatiles

Lot-Sample #...: M9H270281-002 **Work Order #...:** D1TX5101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.023	ug/L
Ethylbenzene	ND	0.022	ug/L
Xylenes (total)	ND	0.022	ug/L
Styrene	ND	0.021	ug/L
Bromoform	ND	0.052	ug/L
1,1,2,2-Tetrachloroethane	ND	0.035	ug/L
Benzyl chloride	ND	0.13	ug/L
4-Ethyltoluene	ND	0.024	ug/L
1,3,5-Trimethylbenzene	ND	0.024	ug/L
1,2,4-Trimethylbenzene	ND	0.024	ug/L
1,3-Dichlorobenzene	ND	0.030	ug/L
1,4-Dichlorobenzene	ND	0.030	ug/L
1,2-Dichlorobenzene	ND	0.030	ug/L
1,2,4-Trichlorobenzene	ND	0.38	ug/L
Hexachlorobutadiene	ND	0.11	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.090	ug/L

AUG 30'99 17:17 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.18

IT CORPORATION

Client Sample ID: 18708-1375

GC/MS Volatiles

Lot-Sample #...: M9H270281-003 **Work Order #...:** D1TX7101 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:36 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242357 **Analysis Time..:** 16:38
Dilution Factor: 2.5
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.025	ug/L
Chloromethane	ND	0.020	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.035	ug/L
Vinyl chloride	ND	0.013	ug/L
Bromomethane	ND	0.020	ug/L
Chloroethane	ND	0.028	ug/L
Trichlorofluoromethane	ND	0.028	ug/L
1,1-Dichloroethene	ND	0.020	ug/L
Carbon disulfide	ND	0.078	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.36**	**0.038**	**ug/L**
Acetone	ND	0.060	ug/L
Methylene chloride	ND	0.017	ug/L
trans-1,2-Dichloroethene	ND	0.020	ug/L
1,1-Dichloroethane	ND	0.020	ug/L
Vinyl acetate	ND	0.088	ug/L
cis-1,2-Dichloroethene	ND	0.020	ug/L
2-Butanone (MEK)	ND	0.072	ug/L
Chloroform	**2.3**	**0.024**	**ug/L**
1,1,1-Trichloroethane	ND	0.028	ug/L
Carbon tetrachloride	ND	0.032	ug/L
Benzene	ND	0.016	ug/L
1,2-Dichloroethane	ND	0.020	ug/L
Trichloroethene	**3.2**	**0.028**	**ug/L**
1,2-Dichloropropane	ND	0.023	ug/L
Bromodichloromethane	ND	0.032	ug/L
cis-1,3-Dichloropropene	ND	0.023	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.10	ug/L
Toluene	ND	0.047	ug/L
trans-1,3-Dichloropropene	ND	0.023	ug/L
1,1,2-Trichloroethane	ND	0.028	ug/L
Tetrachloroethene	**0.085**	**0.035**	**ug/L**
2-Hexanone	ND	0.30	ug/L
Dibromochloromethane	ND	0.042	ug/L
1,2-Dibromoethane (EDB)	ND	0.038	ug/L

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IT CORPORATION

Client Sample ID: 18708-1375

GC/MS Volatiles

Lot-Sample #...: M9H270281-003 **Work Order #...:** D1TX7101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.023	ug/L
Ethylbenzene	ND	0.022	ug/L
Xylenes (total)	ND	0.022	ug/L
Styrene	ND	0.021	ug/L
Bromoform	ND	0.052	ug/L
1,1,2,2-Tetrachloroethane	ND	0.035	ug/L
Benzyl chloride	ND	0.13	ug/L
4-Ethyltoluene	ND	0.024	ug/L
1,3,5-Trimethylbenzene	ND	0.024	ug/L
1,2,4-Trimethylbenzene	ND	0.024	ug/L
1,3-Dichlorobenzene	ND	0.030	ug/L
1,4-Dichlorobenzene	ND	0.030	ug/L
1,2-Dichlorobenzene	ND	0.030	ug/L
1,2,4-Trichlorobenzene	ND	0.38	ug/L
Hexachlorobutadiene	ND	0.11	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.090	ug/L

AUG 30'99 17:17 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.18

IT CORPORATION

Client Sample ID: 18708-1376

GC/MS Volatiles

Lot-Sample #...: M9H270281-004 **Work Order #...:** D1TX8101 **Matrix.....:** AIR
Date Sampled...: 08/27/99 11:00 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242357 **Analysis Time..:** 15:08
Dilution Factor: 2.5
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.025	ug/L
Chloromethane	ND	0.020	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.035	ug/L
Vinyl chloride	ND	0.013	ug/L
Bromomethane	ND	0.020	ug/L
Chloroethane	ND	0.028	ug/L
Trichlorofluoromethane	ND	0.028	ug/L
1,1-Dichloroethene	**2.3**	**0.020**	**ug/L**
Carbon disulfide	ND	0.078	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.60**	**0.038**	**ug/L**
Acetone	ND	0.060	ug/L
Methylene chloride	ND	0.017	ug/L
trans-1,2-Dichloroethene	ND	0.020	ug/L
1,1-Dichloroethane	ND	0.020	ug/L
Vinyl acetate	ND	0.088	ug/L
cis-1,2-Dichloroethene	ND	0.020	ug/L
2-Butanone (MEK)	ND	0.072	ug/L
Chloroform	**0.031**	**0.024**	**ug/L**
1,1,1-Trichloroethane	ND	0.028	ug/L
Carbon tetrachloride	ND	0.032	ug/L
Benzene	ND	0.016	ug/L
1,2-Dichloroethane	ND	0.020	ug/L
Trichloroethene	ND	0.028	ug/L
1,2-Dichloropropane	ND	0.023	ug/L
Bromodichloromethane	ND	0.032	ug/L
cis-1,3-Dichloropropene	ND	0.023	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.10	ug/L
Toluene	ND	0.047	ug/L
trans-1,3-Dichloropropene	ND	0.023	ug/L
1,1,2-Trichloroethane	ND	0.028	ug/L
Tetrachloroethene	ND	0.035	ug/L
2-Hexanone	ND	0.30	ug/L
Dibromochloromethane	ND	0.042	ug/L
1,2-Dibromoethane (EDB)	ND	0.038	ug/L

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IT CORPORATION

Client Sample ID: 18708-1376

GC/MS Volatiles

Lot-Sample #...: M9H270281-004 **Work Order #...:** D1TX8101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.023	ug/L
Ethylbenzene	ND	0.022	ug/L
Xylenes (total)	ND	0.022	ug/L
Styrene	ND	0.021	ug/L
Bromoform	ND	0.052	ug/L
1,1,2,2-Tetrachloroethane	ND	0.035	ug/L
Benzyl chloride	ND	0.13	ug/L
4-Ethyltoluene	ND	0.024	ug/L
1,3,5-Trimethylbenzene	ND	0.024	ug/L
1,2,4-Trimethylbenzene	ND	0.024	ug/L
1,3-Dichlorobenzene	ND	0.030	ug/L
1,4-Dichlorobenzene	ND	0.030	ug/L
1,2-Dichlorobenzene	ND	0.030	ug/L
1,2,4-Trichlorobenzene	ND	0.38	ug/L
Hexachlorobutadiene	ND	0.11	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.090	ug/L

IT CORPORATION

Client Sample ID: 18708-1377

GC/MS Volatiles

Lot-Sample #...: M9H270281-005 **Work Order #...:** D1TX9101 **Matrix.....:** AIR
Date Sampled...: 08/27/99 11:05 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242357 **Analysis Time..:** 15:36
Dilution Factor: 2
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.020	ug/L
Chloromethane	ND	0.016	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.028	ug/L
Vinyl chloride	ND	0.010	ug/L
Bromomethane	ND	0.016	ug/L
Chloroethane	ND	0.022	ug/L
Trichlorofluoromethane	ND	0.022	ug/L
1,1-Dichloroethene	**1.4**	**0.016**	**ug/L**
Carbon disulfide	ND	0.062	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.2**	**0.030**	**ug/L**
Acetone	ND	0.048	ug/L
Methylene chloride	ND	0.014	ug/L
trans-1,2-Dichloroethene	ND	0.016	ug/L
1,1-Dichloroethane	ND	0.016	ug/L
Vinyl acetate	ND	0.070	ug/L
cis-1,2-Dichloroethene	ND	0.016	ug/L
2-Butanone (MEK)	ND	0.058	ug/L
Chloroform	ND	0.019	ug/L
1,1,1-Trichloroethane	ND	0.022	ug/L
Carbon tetrachloride	ND	0.026	ug/L
Benzene	ND	0.013	ug/L
1,2-Dichloroethane	ND	0.016	ug/L
Trichloroethene	ND	0.022	ug/L
1,2-Dichloropropane	ND	0.018	ug/L
Bromodichloromethane	ND	0.026	ug/L
cis-1,3-Dichloropropene	ND	0.018	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.082	ug/L
Toluene	ND	0.038	ug/L
trans-1,3-Dichloropropene	ND	0.018	ug/L
1,1,2-Trichloroethane	ND	0.022	ug/L
Tetrachloroethene	ND	0.028	ug/L
2-Hexanone	ND	0.24	ug/L
Dibromochloromethane	ND	0.034	ug/L
1,2-Dibromoethane (EDB)	ND	0.030	ug/L

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IT CORPORATION

Client Sample ID: 18708-1377

GC/MS Volatiles

Lot-Sample #...: M9H270281-005 **Work Order #...:** D1TX9101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.018	ug/L
Ethylbenzene	ND	0.017	ug/L
Xylenes (total)	ND	0.017	ug/L
Styrene	ND	0.017	ug/L
Bromoform	ND	0.042	ug/L
1,1,2,2-Tetrachloroethane	ND	0.028	ug/L
Benzyl chloride	ND	0.10	ug/L
4-Ethyltoluene	ND	0.020	ug/L
1,3,5-Trimethylbenzene	ND	0.020	ug/L
1,2,4-Trimethylbenzene	ND	0.020	ug/L
1,3-Dichlorobenzene	ND	0.024	ug/L
1,4-Dichlorobenzene	ND	0.024	ug/L
1,2-Dichlorobenzene	ND	0.024	ug/L
1,2,4-Trichlorobenzene	ND	0.30	ug/L
Hexachlorobutadiene	ND	0.086	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.072	ug/L

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

245VE15 - 5 day

218459

FORM 0019 REV. 2-87

OHM LAB COORDINATOR	LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	LABORATORY SERVICES ID	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)
L. Bienkowski	949-660-7537	949-475-5433	MPH310163	Quanterra	FT
PROJECT NAME	**PROJECT LOCATION**	**PROJECT NUMBER**	**LABORATORY PHONE**	**LABORATORY FAX**	**RECIPIENT NAME**
MCAS El Toro-DOL5	MCAS El Toro	18708	714-258-8610	—	Dwayne Ishida
PROJECT CONTACT	**PROJECT PHONE NUMBER**	**PROJECT FAX**	**LABORATORY ADDRESS**		**ADDRESS**
L. Bienkowski	949-451-1665	—	1701 S. Grand		3347 Michelson, Suite 200
PROJECT ADDRESS	**CITY, STATE AND ZIPCODE**	**CLIENT**	**CITY, STATE AND ZIPCODE**		**CITY, STATE, AND ZIPCODE**
—	—	SWDIV	Santa Ana, CA		Irvine, CA
PROJECT MANAGER	**PROJECT MANAGER'S PHONE**	**PROJECT MANAGER'S FAX**			
B. Sedlak	949-660-5446	—			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Contingent-Hold	Comments
1	18708-1381	Vapor	8/31	0907	–	2	3	5day	X		
2	18708-1382	Vapor	8/31	0912	–	3	3	5day	X		
3	18708-1383	Vapor	8/31	0932	–	2	3	24hr	X		
4	18708-1384	Vapor	8/31	0936	–	2	3	24hr	X	X	Analyze only if 18708-1383 is detected.
5											
6											
7											
8											
9											
10											

SAMPLES COLLECTED BY: L. Bienkowski — COURIER AND AIR BILL NUMBER: COURIER — COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY: L. Bienkowski — RECEIVED BY: [illegible] — DATE: 8/31/97 — TIME: 1040 — SAMPLE'S CONDITION UPON RECEIPT

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

245VE15
5 day

Sample Point Location	Sample Type G	C	F	Q
1. Ambient-245VE15 5day	X			
2. 245VE15-Influent 5day	X			
3. 245VE15-Midpoint 5day	X			
4. ~~245VE15-Effluent 5day~~				

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34100621

IT CORPORATION

Client Sample ID: 18708-1381

GC/MS Volatiles

Lot-Sample #...: M9H310163-001 Work Order #...: D1XMR102 Matrix.....: AIR
Date Sampled...: 08/31/99 09:07 Date Received..: 08/31/99
Prep Date.....: 08/31/99 Analysis Date..: 08/31/99
Prep Batch #...: 9244273 Analysis Time..: 14:23
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	**5.1**	**2.0**	**ppb(v/v)**
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	**6.7**	**5.0**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1381

GC/MS Volatiles

Lot-Sample #...: M9H310163-001 Work Order #...: D1XMR102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	4.2	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

SEP 1'99 15:45 FR QUANTERRA-SANTA ANA 714 558 0921 TO IT GROUP IRVINE P.04

IT CORPORATION

Client Sample ID: 18708-1382

GC/MS Volatiles

Lot-Sample #...: M9H310163-002 Work Order #...: D1XMX102 Matrix.....: AIR
Date Sampled...: 08/31/99 09:12 Date Received..: 08/31/99
Prep Date.....: 08/31/99 Analysis Date..: 08/31/99
Prep Batch #...: 9244273 Analysis Time..: 17:26
Dilution Factor: 2.5
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	5.0	ppb(v/v)
Chloromethane	ND	10	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	5.0	ppb(v/v)
Vinyl chloride	ND	5.0	ppb(v/v)
Bromomethane	ND	5.0	ppb(v/v)
Chloroethane	ND	10	ppb(v/v)
Trichlorofluoromethane	ND	5.0	ppb(v/v)
1,1-Dichloroethene	ND	5.0	ppb(v/v)
Carbon disulfide	ND	25	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**58**	**5.0**	**ppb(v/v)**
Acetone	ND	25	ppb(v/v)
Methylene chloride	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	5.0	ppb(v/v)
1,1-Dichloroethane	ND	5.0	ppb(v/v)
Vinyl acetate	ND	25	ppb(v/v)
cis-1,2-Dichloroethene	ND	5.0	ppb(v/v)
2-Butanone (MEK)	ND	25	ppb(v/v)
Chloroform	**580**	**5.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	5.0	ppb(v/v)
Carbon tetrachloride	ND	5.0	ppb(v/v)
Benzene	ND	5.0	ppb(v/v)
1,2-Dichloroethane	ND	5.0	ppb(v/v)
Trichloroethene	**710**	**5.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	5.0	ppb(v/v)
Bromodichloromethane	ND	5.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	5.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	25	ppb(v/v)
Toluene	ND	12	ppb(v/v)
trans-1,3-Dichloropropene	ND	5.0	ppb(v/v)
1,1,2-Trichloroethane	ND	5.0	ppb(v/v)
Tetrachloroethene	**13**	**5.0**	**ppb(v/v)**
2-Hexanone	ND	75	ppb(v/v)
Dibromochloromethane	ND	5.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	5.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1382

GC/MS Volatiles

Lot-Sample #...: M9H310163-002 Work Order #...: D1XMX102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	5.0	ppb(v/v)
Ethylbenzene	ND	5.0	ppb(v/v)
Xylenes (total)	ND	5.0	ppb(v/v)
Styrene	ND	5.0	ppb(v/v)
Bromoform	ND	5.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	5.0	ppb(v/v)
Benzyl chloride	ND	25	ppb(v/v)
4-Ethyltoluene	ND	5.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	5.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	5.0	ppb(v/v)
1,3-Dichlorobenzene	ND	5.0	ppb(v/v)
1,4-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	50	ppb(v/v)
Hexachlorobutadiene	ND	10	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	25	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1383

GC/MS Volatiles

Lot-Sample #...: M9H310163-003 Work Order #...: D1XN1102 Matrix.....: AIR
Date Sampled...: 08/31/99 09:32 Date Received..: 08/31/99
Prep Date.....: 08/31/99 Analysis Date..: 08/31/99
Prep Batch #...: 9244273 Analysis Time..: 13:05
Dilution Factor: 2.5
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	5.0	ppb(v/v)
Chloromethane	ND	10	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	5.0	ppb(v/v)
Vinyl chloride	ND	5.0	ppb(v/v)
Bromomethane	ND	5.0	ppb(v/v)
Chloroethane	ND	10	ppb(v/v)
Trichlorofluoromethane	ND	5.0	ppb(v/v)
1,1-Dichloroethene	**340**	**5.0**	**ppb(v/v)**
Carbon disulfide	ND	25	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**49**	**5.0**	**ppb(v/v)**
Acetone	ND	25	ppb(v/v)
Methylene chloride	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	5.0	ppb(v/v)
1,1-Dichloroethane	ND	5.0	ppb(v/v)
Vinyl acetate	ND	25	ppb(v/v)
cis-1,2-Dichloroethene	ND	5.0	ppb(v/v)
2-Butanone (MEK)	ND	25	ppb(v/v)
Chloroform	ND	5.0	ppb(v/v)
1,1,1-Trichloroethane	ND	5.0	ppb(v/v)
Carbon tetrachloride	ND	5.0	ppb(v/v)
Benzene	ND	5.0	ppb(v/v)
1,2-Dichloroethane	ND	5.0	ppb(v/v)
Trichloroethene	ND	5.0	ppb(v/v)
1,2-Dichloropropane	ND	5.0	ppb(v/v)
Bromodichloromethane	ND	5.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	5.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	25	ppb(v/v)
Toluene	ND	12	ppb(v/v)
trans-1,3-Dichloropropene	ND	5.0	ppb(v/v)
1,1,2-Trichloroethane	ND	5.0	ppb(v/v)
Tetrachloroethene	ND	5.0	ppb(v/v)
2-Hexanone	ND	75	ppb(v/v)
Dibromochloromethane	ND	5.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	5.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1383

GC/MS Volatiles

Lot-Sample #...: M9H310163-003 Work Order #...: D1XN1102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	5.0	ppb(v/v)
Ethylbenzene	ND	5.0	ppb(v/v)
Xylenes (total)	ND	5.0	ppb(v/v)
Styrene	ND	5.0	ppb(v/v)
Bromoform	ND	5.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	5.0	ppb(v/v)
Benzyl chloride	ND	25	ppb(v/v)
4-Ethyltoluene	ND	5.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	5.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	5.0	ppb(v/v)
1,3-Dichlorobenzene	ND	5.0	ppb(v/v)
1,4-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	50	ppb(v/v)
Hexachlorobutadiene	ND	10	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	25	ppb(v/v)

SEP 1'99 15:46 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.08

IT CORPORATION

Client Sample ID: 18708-1384

GC/MS Volatiles

Lot-Sample #...: M9H310163-004 **Work Order #...:** D1XN3102 **Matrix.....:** AIR
Date Sampled...: 08/31/99 09:36 **Date Received..:** 08/31/99
Prep Date.....: 08/31/99 **Analysis Date..:** 08/31/99
Prep Batch #...: 9244273 **Analysis Time..:** 13:53
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	**130**	**2.0**	**ppb(v/v)**
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**44**	**2.0**	**ppb(v/v)**
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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SEP 1'99 15:46 FR QUANTERRA-SANTA ANA 714 558 0921 TO IT GROUP IRVINE P.09

IT CORPORATION

Client Sample ID: 18708-1384

GC/MS Volatiles

Lot-Sample #...: M9H310163-004 Work Order #...: D1XN3102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

SEP 1'99 15:47 FR QUANTERRA-SANTA ANA 714 558 0921 TO IT GROUP IRVINE P.10

IT CORPORATION

Client Sample ID: 18708-1381

GC/MS Volatiles

Lot-Sample #...: M9H310163-001 Work Order #...: D1XMR101 Matrix.....: AIR
Date Sampled...: 08/31/99 09:07 Date Received..: 08/31/99
Prep Date.....: 08/31/99 Analysis Date..: 08/31/99
Prep Batch #...: 9244291 Analysis Time..: 14:23
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	**0.016**	**0.0064**	**ug/L**
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	**0.025**	**0.019**	**ug/L**
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1381

GC/MS Volatiles

Lot-Sample #...: M9H310163-001 Work Order #...: D1XMR101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	**0.018**	**0.0087**	**ug/L**
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

SEP 1'99 15:47 FR QUANTERRA-SANTA ANA 714 558 0921 TO IT GROUP IRVINE P.12

IT CORPORATION

Client Sample ID: 18708-1382

GC/MS Volatiles

Lot-Sample #...: M9H310163-002 Work Order #...: D1XMX101 Matrix.....: AIR
Date Sampled...: 08/31/99 09:12 Date Received..: 08/31/99
Prep Date.....: 08/31/99 Analysis Date..: 08/31/99
Prep Batch #...: 9244291 Analysis Time..: 17:26
Dilution Factor: 2.5
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.025	ug/L
Chloromethane	ND	0.020	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.035	ug/L
Vinyl chloride	ND	0.013	ug/L
Bromomethane	ND	0.020	ug/L
Chloroethane	ND	0.028	ug/L
Trichlorofluoromethane	ND	0.028	ug/L
1,1-Dichloroethene	ND	0.020	ug/L
Carbon disulfide	ND	0.078	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.44**	**0.038**	**ug/L**
Acetone	ND	0.060	ug/L
Methylene chloride	ND	0.017	ug/L
trans-1,2-Dichloroethene	ND	0.020	ug/L
1,1-Dichloroethane	ND	0.020	ug/L
Vinyl acetate	ND	0.088	ug/L
cis-1,2-Dichloroethene	ND	0.020	ug/L
2-Butanone (MEK)	ND	0.072	ug/L
Chloroform	**2.8**	**0.024**	**ug/L**
1,1,1-Trichloroethane	ND	0.028	ug/L
Carbon tetrachloride	ND	0.032	ug/L
Benzene	ND	0.016	ug/L
1,2-Dichloroethane	ND	0.020	ug/L
Trichloroethene	**3.8**	**0.028**	**ug/L**
1,2-Dichloropropane	ND	0.023	ug/L
Bromodichloromethane	ND	0.032	ug/L
cis-1,3-Dichloropropene	ND	0.023	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.10	ug/L
Toluene	ND	0.047	ug/L
trans-1,3-Dichloropropene	ND	0.023	ug/L
1,1,2-Trichloroethane	ND	0.028	ug/L
Tetrachloroethene	**0.088**	**0.035**	**ug/L**
2-Hexanone	ND	0.30	ug/L
Dibromochloromethane	ND	0.042	ug/L
1,2-Dibromoethane (EDB)	ND	0.038	ug/L

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IT CORPORATION

Client Sample ID: 18708-1382

GC/MS Volatiles

Lot-Sample #...: M9H310163-002 Work Order #...: D1XMX101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.023	ug/L
Ethylbenzene	ND	0.022	ug/L
Xylenes (total)	ND	0.022	ug/L
Styrene	ND	0.021	ug/L
Bromoform	ND	0.052	ug/L
1,1,2,2-Tetrachloroethane	ND	0.035	ug/L
Benzyl chloride	ND	0.13	ug/L
4-Ethyltoluene	ND	0.024	ug/L
1,3,5-Trimethylbenzene	ND	0.024	ug/L
1,2,4-Trimethylbenzene	ND	0.024	ug/L
1,3-Dichlorobenzene	ND	0.030	ug/L
1,4-Dichlorobenzene	ND	0.030	ug/L
1,2-Dichlorobenzene	ND	0.030	ug/L
1,2,4-Trichlorobenzene	ND	0.38	ug/L
Hexachlorobutadiene	ND	0.11	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.090	ug/L

IT CORPORATION

Client Sample ID: 18708-1383

GC/MS Volatiles

Lot-Sample #...: M9H310163-003 Work Order #...: D1XN1101 Matrix.....: AIR
Date Sampled...: 08/31/99 09:32 Date Received..: 08/31/99
Prep Date.....: 08/31/99 Analysis Date..: 08/31/99
Prep Batch #...: 9244291 Analysis Time..: 13:05
Dilution Factor: 2.5
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.025	ug/L
Chloromethane	ND	0.020	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.035	ug/L
Vinyl chloride	ND	0.013	ug/L
Bromomethane	ND	0.020	ug/L
Chloroethane	ND	0.028	ug/L
Trichlorofluoromethane	ND	0.028	ug/L
1,1-Dichloroethene	**1.4**	**0.020**	**ug/L**
Carbon disulfide	ND	0.078	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.37**	**0.038**	**ug/L**
Acetone	ND	0.060	ug/L
Methylene chloride	ND	0.017	ug/L
trans-1,2-Dichloroethene	ND	0.020	ug/L
1,1-Dichloroethane	ND	0.020	ug/L
Vinyl acetate	ND	0.088	ug/L
cis-1,2-Dichloroethene	ND	0.020	ug/L
2-Butanone (MEK)	ND	0.072	ug/L
Chloroform	ND	0.024	ug/L
1,1,1-Trichloroethane	ND	0.028	ug/L
Carbon tetrachloride	ND	0.032	ug/L
Benzene	ND	0.016	ug/L
1,2-Dichloroethane	ND	0.020	ug/L
Trichloroethene	ND	0.028	ug/L
1,2-Dichloropropane	ND	0.023	ug/L
Bromodichloromethane	ND	0.032	ug/L
cis-1,3-Dichloropropene	ND	0.023	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.10	ug/L
Toluene	ND	0.047	ug/L
trans-1,3-Dichloropropene	ND	0.023	ug/L
1,1,2-Trichloroethane	ND	0.028	ug/L
Tetrachloroethene	ND	0.035	ug/L
2-Hexanone	ND	0.30	ug/L
Dibromochloromethane	ND	0.042	ug/L
1,2-Dibromoethane (EDB)	ND	0.038	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1383

GC/MS Volatiles

Lot-Sample #...: M9H310163-003 Work Order #...: D1XN1101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.023	ug/L
Ethylbenzene	ND	0.022	ug/L
Xylenes (total)	ND	0.022	ug/L
Styrene	ND	0.021	ug/L
Bromoform	ND	0.052	ug/L
1,1,2,2-Tetrachloroethane	ND	0.035	ug/L
Benzyl chloride	ND	0.13	ug/L
4-Ethyltoluene	ND	0.024	ug/L
1,3,5-Trimethylbenzene	ND	0.024	ug/L
1,2,4-Trimethylbenzene	ND	0.024	ug/L
1,3-Dichlorobenzene	ND	0.030	ug/L
1,4-Dichlorobenzene	ND	0.030	ug/L
1,2-Dichlorobenzene	ND	0.030	ug/L
1,2,4-Trichlorobenzene	ND	0.38	ug/L
Hexachlorobutadiene	ND	0.11	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.090	ug/L

SEP 1'99 15:48 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.16

IT CORPORATION

Client Sample ID: 18708-1384

GC/MS Volatiles

Lot-Sample #...: M9H310163-004 Work Order #...: D1XN3101 Matrix.....: AIR
Date Sampled...: 08/31/99 09:36 Date Received..: 08/31/99
Prep Date.....: 08/31/99 Analysis Date..: 08/31/99
Prep Batch #...: 9244291 Analysis Time..: 13:53
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	**0.50**	**0.0079**	**ug/L**
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.33**	**0.015**	**ug/L**
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1384

GC/MS Volatiles

Lot-Sample #...: M9H310163-004 Work Order #...: D1XN3101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

24SVE 15 - 7day 218461

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR	LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	LABORATORY SERVICE ID	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)
L. Bienkowski	949-660-5557	949-475-5433	MAT020170	Quanterra	IT
PROJECT NAME: UCASE El Toro	PROJECT LOCATION: El Toro - DO 65	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: 805-986-1773	PROJECT FAX	LABORATORY ADDRESS: 17121 S. Grand		ADDRESS: 3347 Michelson, Suite 200
PROJECT ADDRESS	CITY, STATE AND ZIPCODE	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Irvine, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: L. Bienkowski	PROJECT MANAGER'S PHONE: 949-660-5446	PROJECT MANAGER'S FAX			

Item	Sample Identifier	Matrix	1999 Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Contingent-MS/MSD	Comments
1	18708-1387	V	9-2	0837	–	2	3	5day	X		
2	18708-1388	V	9-2	0842	–	3	3	5day	X		
3	18708-1389	V	9-2	0843	–	2	4	5day	X		
4	18708-1390	V	9-2	0906	–	2	3	24hr	X		
5	18708-1391	V	9-2	0911	–	2	3	24hr	X	(X)	Analysis of 18708-1390 is directed
6											
7											
8											
9											
10											

9/2/99

SAMPLES COLLECTED BY: Lin Bienkowski

COURIER AND AIR BILL NUMBER: COURIER

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Lin Bienkowski	[illegible]	9/2/99	0945	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE15
7day

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE15 Ambient 7day	X			
2. 24SVE15 Tailpipe 7day	X			
3. 24SVE15 Tailpipe (DUP) 7day	X			X
4. 24SVE15 Midpoint 7day	X			
5. 24SVE15 Effluent 7day	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34100629

IT CORPORATION

Client Sample ID: 18708-1387

GC/MS Volatiles

Lot-Sample #...: M9I020170-001 Work Order #...: D22JP102 Matrix.....: AIR
Date Sampled...: 09/02/99 08:37 Date Received..: 09/02/99
Prep Date.....: 09/02/99 Analysis Date..: 09/02/99
Prep Batch #...: 9246264 Analysis Time..: 17:00
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1387

GC/MS Volatiles

Lot-Sample #...: M9I020170-001 **Work Order #...:** D22JP102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1388

GC/MS Volatiles

Lot-Sample #...: M9I020170-002 **Work Order #...:** D22JQ102 **Matrix.....:** AIR
Date Sampled...: 09/02/99 08:42 **Date Received..:** 09/02/99
Prep Date.....: 09/02/99 **Analysis Date..:** 09/02/99
Prep Batch #...: 9246264 **Analysis Time..:** 18:22
Dilution Factor: 4
Analyst ID.....: 007319 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	8.0	ppb(v/v)
Chloromethane	ND	16	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	8.0	ppb(v/v)
Vinyl chloride	ND	8.0	ppb(v/v)
Bromomethane	ND	8.0	ppb(v/v)
Chloroethane	ND	16	ppb(v/v)
Trichlorofluoromethane	ND	8.0	ppb(v/v)
1,1-Dichloroethene	ND	8.0	ppb(v/v)
Carbon disulfide	ND	40	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**74**	**8.0**	**ppb(v/v)**
etone	ND	40	ppb(v/v)
chylene chloride	ND	8.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	8.0	ppb(v/v)
1,1-Dichloroethane	ND	8.0	ppb(v/v)
Vinyl acetate	ND	40	ppb(v/v)
cis-1,2-Dichloroethene	ND	8.0	ppb(v/v)
2-Butanone (MEK)	ND	40	ppb(v/v)
Chloroform	**600**	**8.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	8.0	ppb(v/v)
Carbon tetrachloride	ND	8.0	ppb(v/v)
Benzene	ND	8.0	ppb(v/v)
1,2-Dichloroethane	ND	8.0	ppb(v/v)
Trichloroethene	**670**	**8.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	8.0	ppb(v/v)
Bromodichloromethane	ND	8.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	8.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	40	ppb(v/v)
Toluene	ND	20	ppb(v/v)
trans-1,3-Dichloropropene	ND	8.0	ppb(v/v)
1,1,2-Trichloroethane	ND	8.0	ppb(v/v)
Tetrachloroethene	**15**	**8.0**	**ppb(v/v)**
2-Hexanone	ND	120	ppb(v/v)
Dibromochloromethane	ND	8.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	8.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1388

GC/MS Volatiles

Lot-Sample #...: M9I020170-002 **Work Order #...:** D22JQ102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	8.0	ppb(v/v)
Ethylbenzene	ND	8.0	ppb(v/v)
Xylenes (total)	ND	8.0	ppb(v/v)
Styrene	ND	8.0	ppb(v/v)
Bromoform	ND	8.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	8.0	ppb(v/v)
Benzyl chloride	ND	40	ppb(v/v)
4-Ethyltoluene	ND	8.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	8.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	8.0	ppb(v/v)
1,3-Dichlorobenzene	ND	8.0	ppb(v/v)
1,4-Dichlorobenzene	ND	8.0	ppb(v/v)
1,2-Dichlorobenzene	ND	8.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	80	ppb(v/v)
Hexachlorobutadiene	ND	16	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	40	ppb(v/v)

SEP 3'99 16:08 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.06

IT CORPORATION

Client Sample ID: 18708-1389

GC/MS Volatiles

Lot-Sample #...: M9I020170-003 Work Order #...: D22JR102 Matrix.....: AIR
Date Sampled...: 09/02/99 08:43 Date Received..: 09/02/99
Prep Date.....: 09/02/99 Analysis Date..: 09/02/99
Prep Batch #...: 9246264 Analysis Time..: 18:50
Dilution Factor: 3.3
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	6.6	ppb(v/v)
Chloromethane	ND	13	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	6.6	ppb(v/v)
Vinyl chloride	ND	6.6	ppb(v/v)
Bromomethane	ND	6.6	ppb(v/v)
Chloroethane	ND	13	ppb(v/v)
Trichlorofluoromethane	ND	6.6	ppb(v/v)
1,1-Dichloroethene	ND	6.6	ppb(v/v)
Carbon disulfide	ND	33	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**73**	**6.6**	**ppb(v/v)**
tone	ND	33	ppb(v/v)
hylene chloride	ND	6.6	ppb(v/v)
trans-1,2-Dichloroethene	ND	6.6	ppb(v/v)
1,1-Dichloroethane	ND	6.6	ppb(v/v)
Vinyl acetate	ND	33	ppb(v/v)
cis-1,2-Dichloroethene	ND	6.6	ppb(v/v)
2-Butanone (MEK)	ND	33	ppb(v/v)
Chloroform	**600**	**6.6**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	6.6	ppb(v/v)
Carbon tetrachloride	ND	6.6	ppb(v/v)
Benzene	ND	6.6	ppb(v/v)
1,2-Dichloroethane	ND	6.6	ppb(v/v)
Trichloroethene	**700**	**6.6**	**ppb(v/v)**
1,2-Dichloropropane	ND	6.6	ppb(v/v)
Bromodichloromethane	ND	6.6	ppb(v/v)
cis-1,3-Dichloropropene	ND	6.6	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	33	ppb(v/v)
Toluene	ND	16	ppb(v/v)
trans-1,3-Dichloropropene	ND	6.6	ppb(v/v)
1,1,2-Trichloroethane	ND	6.6	ppb(v/v)
Tetrachloroethene	**16**	**6.6**	**ppb(v/v)**
2-Hexanone	ND	99	ppb(v/v)
Dibromochloromethane	ND	6.6	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	6.6	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1389

GC/MS Volatiles

Lot-Sample #...: M9I020170-003 Work Order #...: D22JR102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	6.6	ppb(v/v)
Ethylbenzene	ND	6.6	ppb(v/v)
Xylenes (total)	ND	6.6	ppb(v/v)
Styrene	ND	6.6	ppb(v/v)
Bromoform	ND	6.6	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	6.6	ppb(v/v)
Benzyl chloride	ND	33	ppb(v/v)
4-Ethyltoluene	ND	6.6	ppb(v/v)
1,3,5-Trimethylbenzene	ND	6.6	ppb(v/v)
1,2,4-Trimethylbenzene	ND	6.6	ppb(v/v)
1,3-Dichlorobenzene	ND	6.6	ppb(v/v)
1,4-Dichlorobenzene	ND	6.6	ppb(v/v)
1,2-Dichlorobenzene	ND	6.6	ppb(v/v)
1,2,4-Trichlorobenzene	ND	66	ppb(v/v)
Hexachlorobutadiene	ND	13	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	33	ppb(v/v)

SEP 3'99 16:09 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.08

IT CORPORATION

Client Sample ID: 18708-1390

GC/MS Volatiles

Lot-Sample #...: M9I020170-004 **Work Order #...:** D22JV102 **Matrix.....:** AIR
Date Sampled...: 09/02/99 09:06 **Date Received..:** 09/02/99
Prep Date.....: 09/02/99 **Analysis Date..:** 09/02/99
Prep Batch #...: 9246264 **Analysis Time..:** 17:27
Dilution Factor: 3.3
Analyst ID.....: 007319 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	6.6	ppb(v/v)
Chloromethane	ND	13	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	6.6	ppb(v/v)
Vinyl chloride	ND	6.6	ppb(v/v)
Bromomethane	ND	6.6	ppb(v/v)
Chloroethane	ND	13	ppb(v/v)
Trichlorofluoromethane	ND	6.6	ppb(v/v)
1,1-Dichloroethene	**490**	**6.6**	**ppb(v/v)**
Carbon disulfide	ND	33	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**84**	**6.6**	**ppb(v/v)**
:tone	ND	33	ppb(v/v)
chylene chloride	ND	6.6	ppb(v/v)
trans-1,2-Dichloroethene	ND	6.6	ppb(v/v)
1,1-Dichloroethane	ND	6.6	ppb(v/v)
Vinyl acetate	ND	33	ppb(v/v)
cis-1,2-Dichloroethene	ND	6.6	ppb(v/v)
2-Butanone (MEK)	ND	33	ppb(v/v)
Chloroform	**9.6**	**6.6**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	6.6	ppb(v/v)
Carbon tetrachloride	ND	6.6	ppb(v/v)
Benzene	ND	6.6	ppb(v/v)
1,2-Dichloroethane	ND	6.6	ppb(v/v)
Trichloroethene	**8.9**	**6.6**	**ppb(v/v)**
1,2-Dichloropropane	ND	6.6	ppb(v/v)
Bromodichloromethane	ND	6.6	ppb(v/v)
cis-1,3-Dichloropropene	ND	6.6	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	33	ppb(v/v)
Toluene	ND	16	ppb(v/v)
trans-1,3-Dichloropropene	ND	6.6	ppb(v/v)
1,1,2-Trichloroethane	ND	6.6	ppb(v/v)
Tetrachloroethene	ND	6.6	ppb(v/v)
2-Hexanone	ND	99	ppb(v/v)
Dibromochloromethane	ND	6.6	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	6.6	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1390

GC/MS Volatiles

Lot-Sample #...: M9I020170-004 **Work Order #...:** D22JV102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	6.6	ppb(v/v)
Ethylbenzene	ND	6.6	ppb(v/v)
Xylenes (total)	ND	6.6	ppb(v/v)
Styrene	ND	6.6	ppb(v/v)
Bromoform	ND	6.6	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	6.6	ppb(v/v)
Benzyl chloride	ND	33	ppb(v/v)
4-Ethyltoluene	ND	6.6	ppb(v/v)
1,3,5-Trimethylbenzene	ND	6.6	ppb(v/v)
1,2,4-Trimethylbenzene	ND	6.6	ppb(v/v)
1,3-Dichlorobenzene	ND	6.6	ppb(v/v)
1,4-Dichlorobenzene	ND	6.6	ppb(v/v)
1,2-Dichlorobenzene	ND	6.6	ppb(v/v)
1,2,4-Trichlorobenzene	ND	66	ppb(v/v)
Hexachlorobutadiene	ND	13	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	33	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1391

GC/MS Volatiles

Lot-Sample #...: M9I020170-005 **Work Order #...:** D22JW102 **Matrix.....:** AIR
Date Sampled...: 09/02/99 09:11 **Date Received..:** 09/02/99
Prep Date.....: 09/02/99 **Analysis Date..:** 09/02/99
Prep Batch #...: 9246264 **Analysis Time..:** 17:54
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
etone	ND	10	ppb(v/v)
thylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1391

GC/MS Volatiles

Lot-Sample #...: M9I020170-005 Work Order #...: D22JW102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

SEP 3'99 16:10 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.12

IT CORPORATION

Client Sample ID: 18708-1387

GC/MS Volatiles

Lot-Sample #...: M9I020170-001 **Work Order #...:** D22JP101 **Matrix.....:** AIR
Date Sampled...: 09/02/99 08:37 **Date Received..:** 09/02/99
Prep Date.....: 09/02/99 **Analysis Date..:** 09/02/99
Prep Batch #...: 9246265 **Analysis Time..:** 17:00
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
:tone	ND	0.024	ug/L
chylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1387

GC/MS Volatiles

Lot-Sample #...: M9I020170-001 Work Order #...: D22JP101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1388

GC/MS Volatiles

Lot-Sample #...: M9I020170-002 **Work Order #...:** D22JQ101 **Matrix.....:** AIR
Date Sampled...: 09/02/99 08:42 **Date Received..:** 09/02/99
Prep Date.....: 09/02/99 **Analysis Date..:** 09/02/99
Prep Batch #...: 9246265 **Analysis Time..:** 18:22
Dilution Factor: 4
Analyst ID.....: 007319 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.040	ug/L
Chloromethane	ND	0.033	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.056	ug/L
Vinyl chloride	ND	0.020	ug/L
Bromomethane	ND	0.031	ug/L
Chloroethane	ND	0.044	ug/L
Trichlorofluoromethane	ND	0.044	ug/L
1,1-Dichloroethene	ND	0.032	ug/L
Carbon disulfide	ND	0.12	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.56**	**0.060**	**ug/L**
etone	ND	0.096	ug/L
ethylene chloride	ND	0.028	ug/L
trans-1,2-Dichloroethene	ND	0.032	ug/L
1,1-Dichloroethane	ND	0.032	ug/L
Vinyl acetate	ND	0.14	ug/L
cis-1,2-Dichloroethene	ND	0.032	ug/L
2-Butanone (MEK)	ND	0.12	ug/L
Chloroform	**2.9**	**0.039**	**ug/L**
1,1,1-Trichloroethane	ND	0.044	ug/L
Carbon tetrachloride	ND	0.052	ug/L
Benzene	ND	0.026	ug/L
1,2-Dichloroethane	ND	0.032	ug/L
Trichloroethene	**3.6**	**0.044**	**ug/L**
1,2-Dichloropropane	ND	0.037	ug/L
Bromodichloromethane	ND	0.052	ug/L
cis-1,3-Dichloropropene	ND	0.036	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.16	ug/L
Toluene	ND	0.075	ug/L
trans-1,3-Dichloropropene	ND	0.036	ug/L
1,1,2-Trichloroethane	ND	0.044	ug/L
Tetrachloroethene	**0.10**	**0.056**	**ug/L**
2-Hexanone	ND	0.48	ug/L
Dibromochloromethane	ND	0.068	ug/L
1,2-Dibromoethane (EDB)	ND	0.060	ug/L

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IT CORPORATION

Client Sample ID: 18708-1388

GC/MS Volatiles

Lot-Sample #...: M9I020170-002 **Work Order #...:** D22JQ101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.037	ug/L
Ethylbenzene	ND	0.035	ug/L
Xylenes (total)	ND	0.035	ug/L
Styrene	ND	0.034	ug/L
Bromoform	ND	0.084	ug/L
1,1,2,2-Tetrachloroethane	ND	0.056	ug/L
Benzyl chloride	ND	0.21	ug/L
4-Ethyltoluene	ND	0.039	ug/L
1,3,5-Trimethylbenzene	ND	0.039	ug/L
1,2,4-Trimethylbenzene	ND	0.039	ug/L
1,3-Dichlorobenzene	ND	0.048	ug/L
1,4-Dichlorobenzene	ND	0.048	ug/L
1,2-Dichlorobenzene	ND	0.048	ug/L
1,2,4-Trichlorobenzene	ND	0.60	ug/L
Hexachlorobutadiene	ND	0.17	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.14	ug/L

IT CORPORATION

Client Sample ID: 18708-1389

GC/MS Volatiles

Lot-Sample #...: M9I020170-003 **Work Order #...:** D22JR101 **Matrix.....:** AIR
Date Sampled...: 09/02/99 08:43 **Date Received..:** 09/02/99
Prep Date.....: 09/02/99 **Analysis Date..:** 09/02/99
Prep Batch #...: 9246265 **Analysis Time..:** 18:50
Dilution Factor: 3.3
Analyst ID.....: 007319 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.033	ug/L
Chloromethane	ND	0.027	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.046	ug/L
Vinyl chloride	ND	0.017	ug/L
Bromomethane	ND	0.026	ug/L
Chloroethane	ND	0.036	ug/L
Trichlorofluoromethane	ND	0.036	ug/L
1,1-Dichloroethene	ND	0.026	ug/L
Carbon disulfide	ND	0.10	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.56**	**0.050**	**ug/L**
Acetone	ND	0.079	ug/L
Methylene chloride	ND	0.023	ug/L
trans-1,2-Dichloroethene	ND	0.026	ug/L
1,1-Dichloroethane	ND	0.027	ug/L
Vinyl acetate	ND	0.12	ug/L
cis-1,2-Dichloroethene	ND	0.026	ug/L
2-Butanone (MEK)	ND	0.096	ug/L
Chloroform	**2.9**	**0.032**	**ug/L**
1,1,1-Trichloroethane	ND	0.036	ug/L
Carbon tetrachloride	ND	0.043	ug/L
Benzene	ND	0.021	ug/L
1,2-Dichloroethane	ND	0.027	ug/L
Trichloroethene	**3.7**	**0.036**	**ug/L**
1,2-Dichloropropane	ND	0.030	ug/L
Bromodichloromethane	ND	0.043	ug/L
cis-1,3-Dichloropropene	ND	0.030	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.14	ug/L
Toluene	ND	0.062	ug/L
trans-1,3-Dichloropropene	ND	0.030	ug/L
1,1,2-Trichloroethane	ND	0.036	ug/L
Tetrachloroethene	**0.11**	**0.046**	**ug/L**
2-Hexanone	ND	0.40	ug/L
Dibromochloromethane	ND	0.056	ug/L
1,2-Dibromoethane (EDB)	ND	0.050	ug/L

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IT CORPORATION

Client Sample ID: 18708-1389

GC/MS Volatiles

Lot-Sample #...: M9I020170-003 Work Order #...: D22JR101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.030	ug/L
Ethylbenzene	ND	0.029	ug/L
Xylenes (total)	ND	0.029	ug/L
Styrene	ND	0.028	ug/L
Bromoform	ND	0.069	ug/L
1,1,2,2-Tetrachloroethane	ND	0.046	ug/L
Benzyl chloride	ND	0.17	ug/L
4-Ethyltoluene	ND	0.032	ug/L
1,3,5-Trimethylbenzene	ND	0.032	ug/L
1,2,4-Trimethylbenzene	ND	0.032	ug/L
1,3-Dichlorobenzene	ND	0.040	ug/L
1,4-Dichlorobenzene	ND	0.040	ug/L
1,2-Dichlorobenzene	ND	0.040	ug/L
1,2,4-Trichlorobenzene	ND	0.50	ug/L
Hexachlorobutadiene	ND	0.14	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.12	ug/L

IT CORPORATION

Client Sample ID: 18708-1390

GC/MS Volatiles

Lot-Sample #...: M9I020170-004 Work Order #...: D22JV101 Matrix.....: AIR
Date Sampled...: 09/02/99 09:06 Date Received..: 09/02/99
Prep Date.....: 09/02/99 Analysis Date..: 09/02/99
Prep Batch #...: 9246265 Analysis Time..: 17:27
Dilution Factor: 3.3
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.033	ug/L
Chloromethane	ND	0.027	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.046	ug/L
Vinyl chloride	ND	0.017	ug/L
Bromomethane	ND	0.026	ug/L
Chloroethane	ND	0.036	ug/L
Trichlorofluoromethane	ND	0.036	ug/L
1,1-Dichloroethene	**2.0**	**0.026**	**ug/L**
Carbon disulfide	ND	0.10	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.64**	**0.050**	**ug/L**
etone	ND	0.079	ug/L
Methylene chloride	ND	0.023	ug/L
trans-1,2-Dichloroethene	ND	0.026	ug/L
1,1-Dichloroethane	ND	0.027	ug/L
Vinyl acetate	ND	0.12	ug/L
cis-1,2-Dichloroethene	ND	0.026	ug/L
2-Butanone (MEK)	ND	0.096	ug/L
Chloroform	**0.047**	**0.032**	**ug/L**
1,1,1-Trichloroethane	ND	0.036	ug/L
Carbon tetrachloride	ND	0.043	ug/L
Benzene	ND	0.021	ug/L
1,2-Dichloroethane	ND	0.027	ug/L
Trichloroethene	**0.048**	**0.036**	**ug/L**
1,2-Dichloropropane	ND	0.030	ug/L
Bromodichloromethane	ND	0.043	ug/L
cis-1,3-Dichloropropene	ND	0.030	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.14	ug/L
Toluene	ND	0.062	ug/L
trans-1,3-Dichloropropene	ND	0.030	ug/L
1,1,2-Trichloroethane	ND	0.036	ug/L
Tetrachloroethene	ND	0.046	ug/L
2-Hexanone	ND	0.40	ug/L
Dibromochloromethane	ND	0.056	ug/L
1,2-Dibromoethane (EDB)	ND	0.050	ug/L

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IT CORPORATION

Client Sample ID: 18708-1390

GC/MS Volatiles

Lot-Sample #...: M9I020170-004 Work Order #...: D22JV101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.030	ug/L
Ethylbenzene	ND	0.029	ug/L
Xylenes (total)	ND	0.029	ug/L
Styrene	ND	0.028	ug/L
Bromoform	ND	0.069	ug/L
1,1,2,2-Tetrachloroethane	ND	0.046	ug/L
Benzyl chloride	ND	0.17	ug/L
4-Ethyltoluene	ND	0.032	ug/L
1,3,5-Trimethylbenzene	ND	0.032	ug/L
1,2,4-Trimethylbenzene	ND	0.032	ug/L
1,3-Dichlorobenzene	ND	0.040	ug/L
1,4-Dichlorobenzene	ND	0.040	ug/L
1,2-Dichlorobenzene	ND	0.040	ug/L
1,2,4-Trichlorobenzene	ND	0.50	ug/L
Hexachlorobutadiene	ND	0.14	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.12	ug/L

IT CORPORATION

Client Sample ID: 18708-1391

GC/MS Volatiles

Lot-Sample #...: M9I020170-005 Work Order #...: D22JW101 Matrix.....: AIR
Date Sampled...: 09/02/99 09:11 Date Received..: 09/02/99
Prep Date.....: 09/02/99 Analysis Date..: 09/02/99
Prep Batch #...: 9246265 Analysis Time..: 17:54
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
tone	ND	0.024	ug/L
thylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1391

GC/MS Volatiles

Lot-Sample #...: M9I020170-005 Work Order #...: D22JW101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

SEP 3.99 16:12 FR WUHNIERKH-SANIA RNA 714 258 0921 TO IT GROUP IRVINE P.22

GOMI FILE INDEX 91

IM Remediation Services Corp
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY 222592

FORM 6019 REV. 3-97

24SVE15 - 14 day

PROJ. LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-2537	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICES ID: MPL 080249	LABORATORY CONTACT: Quantera	MAIL REPORT (COMPANY NAME): JT
PROJECT NAME: El Toro - DD65	PROJECT LOCATION: MCAS El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 949-258-8410	LABORATORY FAX: —	REPORT TO NAME: Duayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: 949-451-1665	PROJECT FAX: —	LABORATORY ADDRESS: 1721 Grand	ADDRESS: 3347 Michelson	
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana	CITY, STATE AND ZIPCODE: Irvine, CA	
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-660-5446	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analysis TO-14	Analysis	Analysis	Analysis	Analysis	Analysis	Analysis	Analysis	Comments
1	18708-1403	vapor	9-8	0720	—	2	III	5day	X								Analyze bag "A" first
2	18708-1404	vapor	9-8	0725	—	3	III	5day	X								
3	18708-1405	vapor	9-8	0740	—	2	III	24hr	X								
4	18708-1406	vapor	9-8	0745	—	2	III	24hr	X	X							Analyze only if 18708-1405 is detected
5																	
6																	
7																	
8																	
9																	
10																	

W.S. 9-8-99

SAMPLES COLLECTED BY: Wayland Stinson — COURIER AND AIR BILL NUMBER: Courier — COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Wayland Stinson		9/7/99		

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE15
14 day

Sample Point Location	G	C	F	QC
1. 24SVE15 Ambient 14 day	X			
2. 24SVE15 Inlet 14 day	X			
3. 24SVE15 Midpoint 14 day	X			
4. 24SVE15 Effluent 14 day	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

IT CORPORATION

Client Sample ID: 18708-1403

GC/MS Volatiles

Lot-Sample #...: M9I080249-001 Work Order #...: D27PG102 Matrix.....: AIR
Date Sampled...: 09/08/99 07:20 Date Received..: 09/08/99
Prep Date.....: 09/09/99 Analysis Date..: 09/09/99
Prep Batch #...: 9254109 Analysis Time..: 14:56
Dilution Factor: 1
Analyst ID.....: 004648 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1403

GC/MS Volatiles

Lot-Sample #...: M9I080249-001 Work Order #...: D27PG102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1404

GC/MS Volatiles

Lot-Sample #...: M9I080249-002 Work Order #...: D27PJ102 Matrix.....: AIR
Date Sampled...: 09/08/99 07:25 Date Received..: 09/08/99
Prep Date.....: 09/09/99 Analysis Date..: 09/09/99
Prep Batch #...: 9254109 Analysis Time..: 15:25
Dilution Factor: 3.3
Analyst ID.....: 004648 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	6.6	ppb(v/v)
Chloromethane	ND	13	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	6.6	ppb(v/v)
Vinyl chloride	ND	6.6	ppb(v/v)
Bromomethane	ND	6.6	ppb(v/v)
Chloroethane	ND	13	ppb(v/v)
Trichlorofluoromethane	ND	6.6	ppb(v/v)
1,1-Dichloroethene	ND	6.6	ppb(v/v)
Carbon disulfide	ND	33	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**70**	**6.6**	**ppb(v/v)**
Acetone	ND	33	ppb(v/v)
Methylene chloride	ND	6.6	ppb(v/v)
trans-1,2-Dichloroethene	ND	6.6	ppb(v/v)
1,1-Dichloroethane	ND	6.6	ppb(v/v)
Vinyl acetate	ND	33	ppb(v/v)
cis-1,2-Dichloroethene	ND	6.6	ppb(v/v)
2-Butanone (MEK)	ND	33	ppb(v/v)
Chloroform	**570**	**6.6**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	6.6	ppb(v/v)
Carbon tetrachloride	ND	6.6	ppb(v/v)
Benzene	ND	6.6	ppb(v/v)
1,2-Dichloroethane	ND	6.6	ppb(v/v)
Trichloroethene	**630**	**6.6**	**ppb(v/v)**
1,2-Dichloropropane	ND	6.6	ppb(v/v)
Bromodichloromethane	ND	6.6	ppb(v/v)
cis-1,3-Dichloropropene	ND	6.6	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	33	ppb(v/v)
Toluene	ND	16	ppb(v/v)
trans-1,3-Dichloropropene	ND	6.6	ppb(v/v)
1,1,2-Trichloroethane	ND	6.6	ppb(v/v)
Tetrachloroethene	**12**	**6.6**	**ppb(v/v)**
2-Hexanone	ND	99	ppb(v/v)
Dibromochloromethane	ND	6.6	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	6.6	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1404

GC/MS Volatiles

Lot-Sample #...: M9I080249-002 Work Order #...: D27PJ102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	6.6	ppb(v/v)
Ethylbenzene	ND	6.6	ppb(v/v)
Xylenes (total)	ND	6.6	ppb(v/v)
Styrene	ND	6.6	ppb(v/v)
Bromoform	ND	6.6	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	6.6	ppb(v/v)
Benzyl chloride	ND	33	ppb(v/v)
4-Ethyltoluene	ND	6.6	ppb(v/v)
1,3,5-Trimethylbenzene	ND	6.6	ppb(v/v)
1,2,4-Trimethylbenzene	ND	6.6	ppb(v/v)
1,3-Dichlorobenzene	ND	6.6	ppb(v/v)
1,4-Dichlorobenzene	ND	6.6	ppb(v/v)
1,2-Dichlorobenzene	ND	6.6	ppb(v/v)
1,2,4-Trichlorobenzene	ND	66	ppb(v/v)
Hexachlorobutadiene	ND	13	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	33	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1405

GC/MS Volatiles

Lot-Sample #...: M9I080249-003 Work Order #...: D27PK102 Matrix.....: AIR
Date Sampled...: 09/08/99 07:40 Date Received..: 09/08/99
Prep Date.....: 09/08/99 Analysis Date..: 09/08/99
Prep Batch #...: 9252369 Analysis Time..: 18:50
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	**24**	**2.0**	**ppb(v/v)**
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	**23**	**5.0**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1405

GC/MS Volatiles

Lot-Sample #...: M9I080249-003 **Work Order #...:** D27PK102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	**2.1**	**2.0**	**ppb(v/v)**
Xylenes (total)	**3.3**	**2.0**	**ppb(v/v)**
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	**2.7**	**2.0**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1406

GC/MS Volatiles

Lot-Sample #...: M9I080249-004 Work Order #...: D27PN102 Matrix.....: AIR
Date Sampled...: 09/08/99 07:45 Date Received..: 09/08/99
Prep Date.....: 09/08/99 Analysis Date..: 09/08/99
Prep Batch #...: 9252369 Analysis Time..: 19:17
Dilution Factor: 2.5
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	5.0	ppb(v/v)
Chloromethane	ND	10	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	5.0	ppb(v/v)
Vinyl chloride	ND	5.0	ppb(v/v)
Bromomethane	ND	5.0	ppb(v/v)
Chloroethane	ND	10	ppb(v/v)
Trichlorofluoromethane	ND	5.0	ppb(v/v)
1,1-Dichloroethene	**400**	**5.0**	**ppb(v/v)**
Carbon disulfide	ND	25	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**140**	**5.0**	**ppb(v/v)**
Acetone	ND	25	ppb(v/v)
Methylene chloride	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	5.0	ppb(v/v)
1,1-Dichloroethane	**5.7**	**5.0**	**ppb(v/v)**
Vinyl acetate	ND	25	ppb(v/v)
cis-1,2-Dichloroethene	ND	5.0	ppb(v/v)
2-Butanone (MEK)	ND	25	ppb(v/v)
Chloroform	**10**	**5.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	5.0	ppb(v/v)
Carbon tetrachloride	ND	5.0	ppb(v/v)
Benzene	ND	5.0	ppb(v/v)
1,2-Dichloroethane	ND	5.0	ppb(v/v)
Trichloroethene	**25**	**5.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	5.0	ppb(v/v)
Bromodichloromethane	ND	5.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	5.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	25	ppb(v/v)
Toluene	ND	12	ppb(v/v)
trans-1,3-Dichloropropene	ND	5.0	ppb(v/v)
1,1,2-Trichloroethane	ND	5.0	ppb(v/v)
Tetrachloroethene	ND	5.0	ppb(v/v)
2-Hexanone	ND	75	ppb(v/v)
Dibromochloromethane	ND	5.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	5.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1406

GC/MS Volatiles

Lot-Sample #...: M9I080249-004 Work Order #...: D27PN102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	5.0	ppb(v/v)
Ethylbenzene	ND	5.0	ppb(v/v)
Xylenes (total)	ND	5.0	ppb(v/v)
Styrene	ND	5.0	ppb(v/v)
Bromoform	ND	5.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	5.0	ppb(v/v)
Benzyl chloride	ND	25	ppb(v/v)
4-Ethyltoluene	ND	5.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	5.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	5.0	ppb(v/v)
1,3-Dichlorobenzene	ND	5.0	ppb(v/v)
1,4-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	50	ppb(v/v)
Hexachlorobutadiene	ND	10	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	25	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1406

GC/MS Volatiles

Lot-Sample #...: M9I080249-004 Work Order #...: D27PN101 Matrix.....: AIR
Date Sampled...: 09/08/99 07:45 Date Received..: 09/08/99
Prep Date.....: 09/08/99 Analysis Date..: 09/08/99
Prep Batch #...: 9252376 Analysis Time..: 19:17
Dilution Factor: 2.5
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.025	ug/L
Chloromethane	ND	0.020	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.035	ug/L
Vinyl chloride	ND	0.013	ug/L
Bromomethane	ND	0.020	ug/L
Chloroethane	ND	0.028	ug/L
Trichlorofluoromethane	ND	0.028	ug/L
1,1-Dichloroethene	**1.6**	**0.020**	**ug/L**
Carbon disulfide	ND	0.078	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.1**	**0.038**	**ug/L**
Acetone	ND	0.060	ug/L
Methylene chloride	ND	0.017	ug/L
trans-1,2-Dichloroethene	ND	0.020	ug/L
1,1-Dichloroethane	**0.023**	**0.020**	**ug/L**
Vinyl acetate	ND	0.088	ug/L
cis-1,2-Dichloroethene	ND	0.020	ug/L
2-Butanone (MEK)	ND	0.072	ug/L
Chloroform	**0.050**	**0.024**	**ug/L**
1,1,1-Trichloroethane	ND	0.028	ug/L
Carbon tetrachloride	ND	0.032	ug/L
Benzene	ND	0.016	ug/L
1,2-Dichloroethane	ND	0.020	ug/L
Trichloroethene	**0.13**	**0.028**	**ug/L**
1,2-Dichloropropane	ND	0.023	ug/L
Bromodichloromethane	ND	0.032	ug/L
cis-1,3-Dichloropropene	ND	0.023	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.10	ug/L
Toluene	ND	0.047	ug/L
trans-1,3-Dichloropropene	ND	0.023	ug/L
1,1,2-Trichloroethane	ND	0.028	ug/L
Tetrachloroethene	ND	0.035	ug/L
2-Hexanone	ND	0.30	ug/L
Dibromochloromethane	ND	0.042	ug/L
1,2-Dibromoethane (EDB)	ND	0.038	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1406

GC/MS Volatiles

Lot-Sample #...: M9I080249-004 Work Order #...: D27PN101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.023	ug/L
Ethylbenzene	ND	0.022	ug/L
Xylenes (total)	ND	0.022	ug/L
Styrene	ND	0.021	ug/L
Bromoform	ND	0.052	ug/L
1,1,2,2-Tetrachloroethane	ND	0.035	ug/L
Benzyl chloride	ND	0.13	ug/L
4-Ethyltoluene	ND	0.024	ug/L
1,3,5-Trimethylbenzene	ND	0.024	ug/L
1,2,4-Trimethylbenzene	ND	0.024	ug/L
1,3-Dichlorobenzene	ND	0.030	ug/L
1,4-Dichlorobenzene	ND	0.030	ug/L
1,2-Dichlorobenzene	ND	0.030	ug/L
1,2,4-Trichlorobenzene	ND	0.38	ug/L
Hexachlorobutadiene	ND	0.11	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.090	ug/L

IT CORPORATION

Client Sample ID: 18708-1403

GC/MS Volatiles

Lot-Sample #...: M9I080249-001 **Work Order #...:** D27PG101 **Matrix.....:** AIR
Date Sampled...: 09/08/99 07:20 **Date Received..:** 09/08/99
Prep Date.....: 09/09/99 **Analysis Date..:** 09/09/99
Prep Batch #...: 9254110 **Analysis Time..:** 14:56
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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SEP 14'99 11:04 FR GUARNIERRA-SANIA ANA /14 258 0921 10 11 GROUP IROINE P.07

IT CORPORATION

Client Sample ID: 18708-1403

GC/MS Volatiles

Lot-Sample #...: M9I080249-001 Work Order #...: D27PG101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

SEP 14'99 11:04 FR GUANIERRA-SANIA ANA 714 258 0921 TO IT GROUP IRVINE P.08

IT CORPORATION

Client Sample ID: 18708-1404

GC/MS Volatiles

Lot-Sample #...: M9I080249-002 **Work Order #...:** D27PJ101 **Matrix.....:** AIR
Date Sampled...: 09/08/99 07:25 **Date Received..:** 09/08/99
Prep Date.....: 09/09/99 **Analysis Date..:** 09/09/99
Prep Batch #...: 9254110 **Analysis Time..:** 15:25
Dilution Factor: 3.33
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.033	ug/L
Chloromethane	ND	0.027	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.047	ug/L
Vinyl chloride	ND	0.017	ug/L
Bromomethane	ND	0.026	ug/L
Chloroethane	ND	0.037	ug/L
Trichlorofluoromethane	ND	0.037	ug/L
1,1-Dichloroethene	ND	0.026	ug/L
Carbon disulfide	ND	0.10	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.53**	**0.050**	**ug/L**
Acetone	ND	0.080	ug/L
Methylene chloride	ND	0.023	ug/L
trans-1,2-Dichloroethene	ND	0.026	ug/L
1,1-Dichloroethane	ND	0.027	ug/L
Vinyl acetate	ND	0.12	ug/L
cis-1,2-Dichloroethene	ND	0.026	ug/L
2-Butanone (MEK)	ND	0.097	ug/L
Chloroform	**2.8**	**0.032**	**ug/L**
1,1,1-Trichloroethane	ND	0.037	ug/L
Carbon tetrachloride	ND	0.043	ug/L
Benzene	ND	0.021	ug/L
1,2-Dichloroethane	ND	0.027	ug/L
Trichloroethene	**3.4**	**0.037**	**ug/L**
1,2-Dichloropropane	ND	0.031	ug/L
Bromodichloromethane	ND	0.043	ug/L
cis-1,3-Dichloropropene	ND	0.030	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.14	ug/L
Toluene	ND	0.063	ug/L
trans-1,3-Dichloropropene	ND	0.030	ug/L
1,1,2-Trichloroethane	ND	0.037	ug/L
Tetrachloroethene	**0.080**	**0.047**	**ug/L**
2-Hexanone	ND	0.40	ug/L
Dibromochloromethane	ND	0.057	ug/L
1,2-Dibromoethane (EDB)	ND	0.050	ug/L

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IT CORPORATION

Client Sample ID: 18708-1404

GC/MS Volatiles

Lot-Sample #...: M9I080249-002 **Work Order #...:** D27PJ101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.031	ug/L
Ethylbenzene	ND	0.029	ug/L
Xylenes (total)	ND	0.029	ug/L
Styrene	ND	0.028	ug/L
Bromoform	ND	0.070	ug/L
1,1,2,2-Tetrachloroethane	ND	0.047	ug/L
Benzyl chloride	ND	0.17	ug/L
4-Ethyltoluene	ND	0.033	ug/L
1,3,5-Trimethylbenzene	ND	0.033	ug/L
1,2,4-Trimethylbenzene	ND	0.033	ug/L
1,3-Dichlorobenzene	ND	0.040	ug/L
1,4-Dichlorobenzene	ND	0.040	ug/L
1,2-Dichlorobenzene	ND	0.040	ug/L
1,2,4-Trichlorobenzene	ND	0.50	ug/L
Hexachlorobutadiene	ND	0.14	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.12	ug/L

IT CORPORATION

Client Sample ID: 18708-1405

GC/MS Volatiles

Lot-Sample #...: M9I080249-003 Work Order #...: D27PK101 Matrix.....: AIR
Date Sampled...: 09/08/99 07:40 Date Received..: 09/08/99
Prep Date.....: 09/08/99 Analysis Date..: 09/08/99
Prep Batch #...: 9252376 Analysis Time..: 18:50
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	**0.076**	**0.0064**	**ug/L**
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	**0.087**	**0.019**	**ug/L**
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1405

GC/MS Volatiles

Lot-Sample #...: M9I080249-003 Work Order #...: D27PK101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	**0.0092**	**0.0087**	**ug/L**
Xylenes (total)	**0.014**	**0.0087**	**ug/L**
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	**0.013**	**0.0098**	**ug/L**
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222595

24SVE15 - 21 day

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID: M9E15015	LABORATORY CONTACT: Quantera	MAIL REPORT (COMPANY NAME): IT
PROJECT NAME: El Toro, D0165	PROJECT LOCATION: MCAS El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: —	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: 949-451-1665	PROJECT FAX: —	LABORATORY ADDRESS: 1721 Grand		ADDRESS: 3347 Michelson
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-660-5446	PROJECT MANAGER'S FAX: —			

Analyzing 'A' first

Item	Sample Identifier	Matrix	Sampling Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Contingent Analyses	Comments
1	18708-1409	Vapor	9-15	0745	—	2	III	5day	X		
2	18708-1410	Vapor	9-15	0750	—	3	III	5day	X		
3	18708-1411	Vapor	9-15	0755	—	2	IV	5day	X		
4	18708-1412	Vapor	9-15	0815	—	2	III	24hr	X		
5	18708-1413	Vapor	9-15	0820	—	2	III	24hr	X	X	We analyze it 18708-1412 is detected.
6											
7											
8											
9											
10											

W.J. 9-15-99

SAMPLES COLLECTED BY: W. Jefferson

COURIER AND AIR BILL NUMBER: Courier

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Wayne Ish	Frunk 1982	9/15/99	1125	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE 15 - 21dy

Sample Point Location	Sample Type: G	C	F	QC
1. 24SVE15 - Ambient 21 day	X			
2. 24SVE15 - Influent 21 day	X			
3. 24SVE15 - Influent (DUP) - 21day	X			X
4. 24SVE15 - Mid Pt. 21 day	X			
5. 24SVE15 - Effluent 21day	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34100697

IT CORPORATION

Client Sample ID: 18708-1409

GC/MS Volatiles

Lot-Sample #...: M9I150151-001 Work Order #...: D2PWG102 Matrix.....: AIR
Date Sampled...: 09/15/99 07:45 Date Received..: 09/15/99
Prep Date.....: 09/16/99 Analysis Date..: 09/16/99
Prep Batch #...: 9265343 Analysis Time..: 13:16
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	**11**	**10**	**ppb(v/v)**
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	**2.9**	**2.0**	**ppb(v/v)**
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1409

GC/MS Volatiles

Lot-Sample #...: M9I150151-001 Work Order #...: D2FWG102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1410

GC/MS Volatiles

Lot-Sample #...: M9I150151-002 Work Order #...: D2FWK102 Matrix.....: AIR
Date Sampled...: 09/15/99 07:50 Date Received..: 09/15/99
Prep Date.....: 09/16/99 Analysis Date..: 09/16/99
Prep Batch #...: 9265343 Analysis Time..: 13:43
Dilution Factor: 2.5
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	5.0	ppb(v/v)
Chloromethane	ND	10	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	5.0	ppb(v/v)
Vinyl chloride	ND	5.0	ppb(v/v)
Bromomethane	ND	5.0	ppb(v/v)
Chloroethane	ND	10	ppb(v/v)
Trichlorofluoromethane	ND	5.0	ppb(v/v)
1,1-Dichloroethene	ND	5.0	ppb(v/v)
Carbon disulfide	ND	25	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**64**	**5.0**	**ppb(v/v)**
Acetone	ND	25	ppb(v/v)
Methylene chloride	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	5.0	ppb(v/v)
1,1-Dichloroethane	ND	5.0	ppb(v/v)
Vinyl acetate	ND	25	ppb(v/v)
cis-1,2-Dichloroethene	ND	5.0	ppb(v/v)
2-Butanone (MEK)	ND	25	ppb(v/v)
Chloroform	**500**	**5.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	5.0	ppb(v/v)
Carbon tetrachloride	ND	5.0	ppb(v/v)
Benzene	ND	5.0	ppb(v/v)
1,2-Dichloroethane	ND	5.0	ppb(v/v)
Trichloroethene	**530**	**5.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	5.0	ppb(v/v)
Bromodichloromethane	ND	5.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	5.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	25	ppb(v/v)
Toluene	ND	12	ppb(v/v)
trans-1,3-Dichloropropene	ND	5.0	ppb(v/v)
1,1,2-Trichloroethane	ND	5.0	ppb(v/v)
Tetrachloroethene	**10**	**5.0**	**ppb(v/v)**
2-Hexanone	ND	75	ppb(v/v)
Dibromochloromethane	ND	5.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	5.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1410

GC/MS Volatiles

Lot-Sample #...: M9I150151-002 Work Order #...: D2FWK102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	5.0	ppb(v/v)
Ethylbenzene	ND	5.0	ppb(v/v)
Xylenes (total)	ND	5.0	ppb(v/v)
Styrene	ND	5.0	ppb(v/v)
Bromoform	ND	5.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	5.0	ppb(v/v)
Benzyl chloride	ND	25	ppb(v/v)
4-Ethyltoluene	ND	5.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	5.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	5.0	ppb(v/v)
1,3-Dichlorobenzene	ND	5.0	ppb(v/v)
1,4-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2-Dichlorobenzene	ND	5.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	50	ppb(v/v)
Hexachlorobutadiene	ND	10	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	25	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1411

GC/MS Volatiles

Lot-Sample #...: M9I150151-003 **Work Order #...:** D2FWN102 **Matrix.....:** AIR
Date Sampled...: 09/15/99 07:55 **Date Received..:** 09/15/99
Prep Date.....: 09/15/99 **Analysis Date..:** 09/15/99
Prep Batch #...: 9259328 **Analysis Time..:** 19:03
Dilution Factor: 2
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	4.0	ppb(v/v)
Chloromethane	ND	8.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	4.0	ppb(v/v)
Vinyl chloride	ND	4.0	ppb(v/v)
Bromomethane	ND	4.0	ppb(v/v)
Chloroethane	ND	8.0	ppb(v/v)
Trichlorofluoromethane	ND	4.0	ppb(v/v)
1,1-Dichloroethene	ND	4.0	ppb(v/v)
Carbon disulfide	ND	20	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**64**	**4.0**	**ppb(v/v)**
Acetone	ND	20	ppb(v/v)
Methylene chloride	ND	4.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	4.0	ppb(v/v)
1,1-Dichloroethane	ND	4.0	ppb(v/v)
Vinyl acetate	ND	20	ppb(v/v)
cis-1,2-Dichloroethene	ND	4.0	ppb(v/v)
2-Butanone (MEK)	ND	20	ppb(v/v)
Chloroform	**540**	**4.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	4.0	ppb(v/v)
Carbon tetrachloride	ND	4.0	ppb(v/v)
Benzene	ND	4.0	ppb(v/v)
1,2-Dichloroethane	ND	4.0	ppb(v/v)
Trichloroethene	**560**	**4.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	4.0	ppb(v/v)
Bromodichloromethane	ND	4.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	4.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	20	ppb(v/v)
Toluene	ND	10	ppb(v/v)
trans-1,3-Dichloropropene	ND	4.0	ppb(v/v)
1,1,2-Trichloroethane	ND	4.0	ppb(v/v)
Tetrachloroethene	**10**	**4.0**	**ppb(v/v)**
2-Hexanone	ND	60	ppb(v/v)
Dibromochloromethane	ND	4.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	4.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1411

GC/MS Volatiles

Lot-Sample #...: M9I150151-003 Work Order #...: D2FWN102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	4.0	ppb(v/v)
Ethylbenzene	ND	4.0	ppb(v/v)
Xylenes (total)	ND	4.0	ppb(v/v)
Styrene	ND	4.0	ppb(v/v)
Bromoform	ND	4.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	4.0	ppb(v/v)
Benzyl chloride	ND	20	ppb(v/v)
4-Ethyltoluene	ND	4.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	4.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	4.0	ppb(v/v)
1,3-Dichlorobenzene	ND	4.0	ppb(v/v)
1,4-Dichlorobenzene	ND	4.0	ppb(v/v)
1,2-Dichlorobenzene	ND	4.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	40	ppb(v/v)
Hexachlorobutadiene	ND	8.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	20	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1412

GC/MS Volatiles

Lot-Sample #...: M9I150151-004 Work Order #...: D2FWP102 Matrix.....: AIR
Date Sampled...: 09/15/99 08:15 Date Received..: 09/15/99
Prep Date.....: 09/15/99 Analysis Date..: 09/15/99
Prep Batch #...: 9259328 Analysis Time..: 18:01
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	**230**	**2.0**	**ppb(v/v)**
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**130**	**2.0**	**ppb(v/v)**
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	**4.6**	**2.0**	**ppb(v/v)**
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	**3.6**	**2.0**	**ppb(v/v)**
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	**11**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	**5.0**	**2.0**	**ppb(v/v)**
Benzene	**7.3**	**2.0**	**ppb(v/v)**
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**38**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	**7.5**	**5.0**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1412

GC/MS Volatiles

Lot-Sample #...: M9I150151-004 Work Order #...: D2FWP102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	3.1	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1413

GC/MS Volatiles

Lot-Sample #...: M9I150151-005 Work Order #...: D2FWQ102 Matrix.....: AIR
Date Sampled...: 09/15/99 08:20 Date Received..: 09/15/99
Prep Date.....: 09/15/99 Analysis Date..: 09/15/99
Prep Batch #...: 9259328 Analysis Time..: 18:30
Dilution Factor: 2
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	4.0	ppb(v/v)
Chloromethane	ND	8.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	4.0	ppb(v/v)
Vinyl chloride	ND	4.0	ppb(v/v)
Bromomethane	ND	4.0	ppb(v/v)
Chloroethane	ND	8.0	ppb(v/v)
Trichlorofluoromethane	ND	4.0	ppb(v/v)
1,1-Dichloroethene	400	4.0	ppb(v/v)
Carbon disulfide	ND	20	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	100	4.0	ppb(v/v)
Acetone	ND	20	ppb(v/v)
Methylene chloride	ND	4.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	4.0	ppb(v/v)
1,1-Dichloroethane	ND	4.0	ppb(v/v)
Vinyl acetate	ND	20	ppb(v/v)
cis-1,2-Dichloroethene	ND	4.0	ppb(v/v)
2-Butanone (MEK)	ND	20	ppb(v/v)
Chloroform	ND	4.0	ppb(v/v)
1,1,1-Trichloroethane	ND	4.0	ppb(v/v)
Carbon tetrachloride	ND	4.0	ppb(v/v)
Benzene	ND	4.0	ppb(v/v)
1,2-Dichloroethane	ND	4.0	ppb(v/v)
Trichloroethene	ND	4.0	ppb(v/v)
1,2-Dichloropropane	ND	4.0	ppb(v/v)
Bromodichloromethane	ND	4.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	4.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	20	ppb(v/v)
Toluene	ND	10	ppb(v/v)
trans-1,3-Dichloropropene	ND	4.0	ppb(v/v)
1,1,2-Trichloroethane	ND	4.0	ppb(v/v)
Tetrachloroethene	ND	4.0	ppb(v/v)
2-Hexanone	ND	60	ppb(v/v)
Dibromochloromethane	ND	4.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	4.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1413

GC/MS Volatiles

Lot-Sample #...: M9I150151-005 Work Order #...: D2FWQ102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	4.0	ppb(v/v)
Ethylbenzene	ND	4.0	ppb(v/v)
Xylenes (total)	ND	4.0	ppb(v/v)
Styrene	ND	4.0	ppb(v/v)
Bromoform	ND	4.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	4.0	ppb(v/v)
Benzyl chloride	ND	20	ppb(v/v)
4-Ethyltoluene	ND	4.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	4.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	4.0	ppb(v/v)
1,3-Dichlorobenzene	ND	4.0	ppb(v/v)
1,4-Dichlorobenzene	ND	4.0	ppb(v/v)
1,2-Dichlorobenzene	ND	4.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	40	ppb(v/v)
Hexachlorobutadiene	ND	8.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	20	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1409

GC/MS Volatiles

Lot-Sample #...: M9I150151-001 Work Order #...: D2FWG101 Matrix.....: AIR
Date Sampled...: 09/15/99 07:45 Date Received..: 09/15/99
Prep Date.....: 09/16/99 Analysis Date..: 09/16/99
Prep Batch #...: 9265342 Analysis Time..: 13:16
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	**0.033**	**0.029**	**ug/L**
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	**0.0092**	**0.0064**	**ug/L**
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1409

GC/MS Volatiles

Lot-Sample #...: M9I150151-001 **Work Order #...:** D2FWG101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1410

GC/MS Volatiles

Lot-Sample #...: M9I150151-002 Work Order #...: D2FWK101 Matrix.....: AIR
Date Sampled...: 09/15/99 07:50 Date Received..: 09/15/99
Prep Date.....: 09/16/99 Analysis Date..: 09/16/99
Prep Batch #...: 9265342 Analysis Time..: 13:43
Dilution Factor: 2.5
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.025	ug/L
Chloromethane	ND	0.020	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.035	ug/L
Vinyl chloride	ND	0.013	ug/L
Bromomethane	ND	0.020	ug/L
Chloroethane	ND	0.028	ug/L
Trichlorofluoromethane	ND	0.028	ug/L
1,1-Dichloroethene	ND	0.020	ug/L
Carbon disulfide	ND	0.078	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.49**	**0.038**	**ug/L**
Acetone	ND	0.060	ug/L
Methylene chloride	ND	0.017	ug/L
trans-1,2-Dichloroethene	ND	0.020	ug/L
1,1-Dichloroethane	ND	0.020	ug/L
Vinyl acetate	ND	0.088	ug/L
cis-1,2-Dichloroethene	ND	0.020	ug/L
2-Butanone (MEK)	ND	0.072	ug/L
Chloroform	**2.5**	**0.024**	**ug/L**
1,1,1-Trichloroethane	ND	0.028	ug/L
Carbon tetrachloride	ND	0.032	ug/L
Benzene	ND	0.016	ug/L
1,2-Dichloroethane	ND	0.020	ug/L
Trichloroethene	**2.8**	**0.028**	**ug/L**
1,2-Dichloropropane	ND	0.023	ug/L
Bromodichloromethane	ND	0.032	ug/L
cis-1,3-Dichloropropene	ND	0.023	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.10	ug/L
Toluene	ND	0.047	ug/L
trans-1,3-Dichloropropene	ND	0.023	ug/L
1,1,2-Trichloroethane	ND	0.028	ug/L
Tetrachloroethene	**0.071**	**0.035**	**ug/L**
2-Hexanone	ND	0.30	ug/L
Dibromochloromethane	ND	0.042	ug/L
1,2-Dibromoethane (EDB)	ND	0.038	ug/L

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IT CORPORATION

Client Sample ID: 18708-1410

GC/MS Volatiles

Lot-Sample #...: M9I150151-002 **Work Order #...:** D2FWK101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.023	ug/L
Ethylbenzene	ND	0.022	ug/L
Xylenes (total)	ND	0.022	ug/L
Styrene	ND	0.021	ug/L
Bromoform	ND	0.052	ug/L
1,1,2,2-Tetrachloroethane	ND	0.035	ug/L
Benzyl chloride	ND	0.13	ug/L
4-Ethyltoluene	ND	0.024	ug/L
1,3,5-Trimethylbenzene	ND	0.024	ug/L
1,2,4-Trimethylbenzene	ND	0.024	ug/L
1,3-Dichlorobenzene	ND	0.030	ug/L
1,4-Dichlorobenzene	ND	0.030	ug/L
1,2-Dichlorobenzene	ND	0.030	ug/L
1,2,4-Trichlorobenzene	ND	0.38	ug/L
Hexachlorobutadiene	ND	0.11	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.090	ug/L

IT CORPORATION

Client Sample ID: 18708-1411

GC/MS Volatiles

Lot-Sample #...: M9I150151-003 Work Order #...: D2FWN101 Matrix.....: AIR
Date Sampled...: 09/15/99 07:55 Date Received..: 09/15/99
Prep Date.....: 09/15/99 Analysis Date..: 09/15/99
Prep Batch #...: 9259327 Analysis Time..: 19:03
Dilution Factor: 2
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.020	ug/L
Chloromethane	ND	0.016	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.028	ug/L
Vinyl chloride	ND	0.010	ug/L
Bromomethane	ND	0.016	ug/L
Chloroethane	ND	0.022	ug/L
Trichlorofluoromethane	ND	0.022	ug/L
1,1-Dichloroethene	ND	0.016	ug/L
Carbon disulfide	ND	0.062	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.49**	**0.030**	**ug/L**
Acetone	ND	0.048	ug/L
Methylene chloride	ND	0.014	ug/L
trans-1,2-Dichloroethene	ND	0.016	ug/L
1,1-Dichloroethane	ND	0.016	ug/L
Vinyl acetate	ND	0.070	ug/L
cis-1,2-Dichloroethene	ND	0.016	ug/L
2-Butanone (MEK)	ND	0.058	ug/L
Chloroform	**2.6**	**0.019**	**ug/L**
1,1,1-Trichloroethane	ND	0.022	ug/L
Carbon tetrachloride	ND	0.026	ug/L
Benzene	ND	0.013	ug/L
1,2-Dichloroethane	ND	0.016	ug/L
Trichloroethene	**3.0**	**0.022**	**ug/L**
1,2-Dichloropropane	ND	0.018	ug/L
Bromodichloromethane	ND	0.026	ug/L
cis-1,3-Dichloropropene	ND	0.018	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.082	ug/L
Toluene	ND	0.038	ug/L
trans-1,3-Dichloropropene	ND	0.018	ug/L
1,1,2-Trichloroethane	ND	0.022	ug/L
Tetrachloroethene	**0.068**	**0.028**	**ug/L**
2-Hexanone	ND	0.24	ug/L
Dibromochloromethane	ND	0.034	ug/L
1,2-Dibromoethane (EDB)	ND	0.030	ug/L

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IT CORPORATION

Client Sample ID: 18708-1411

GC/MS Volatiles

Lot-Sample #...: M9I150151-003 **Work Order #...:** D2FWN101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.018	ug/L
Ethylbenzene	ND	0.017	ug/L
Xylenes (total)	ND	0.017	ug/L
Styrene	ND	0.017	ug/L
Bromoform	ND	0.042	ug/L
1,1,2,2-Tetrachloroethane	ND	0.028	ug/L
Benzyl chloride	ND	0.10	ug/L
4-Ethyltoluene	ND	0.020	ug/L
1,3,5-Trimethylbenzene	ND	0.020	ug/L
1,2,4-Trimethylbenzene	ND	0.020	ug/L
1,3-Dichlorobenzene	ND	0.024	ug/L
1,4-Dichlorobenzene	ND	0.024	ug/L
1,2-Dichlorobenzene	ND	0.024	ug/L
1,2,4-Trichlorobenzene	ND	0.30	ug/L
Hexachlorobutadiene	ND	0.086	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.072	ug/L

IT CORPORATION

Client Sample ID: 18708-1412

GC/MS Volatiles

Lot-Sample #...: M9I150151-004 Work Order #...: D2FWP101 Matrix.....: AIR
Date Sampled...: 09/15/99 08:15 Date Received..: 09/15/99
Prep Date.....: 09/15/99 Analysis Date..: 09/15/99
Prep Batch #...: 9259327 Analysis Time..: 18:01
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	**0.91**	**0.0079**	**ug/L**
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.0**	**0.015**	**ug/L**
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	**0.019**	**0.0081**	**ug/L**
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	**0.014**	**0.0079**	**ug/L**
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	**0.054**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	**0.031**	**0.013**	**ug/L**
Benzene	**0.023**	**0.0064**	**ug/L**
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**0.20**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	**0.028**	**0.019**	**ug/L**
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1412

GC/MS Volatiles

Lot-Sample #...: M9I150151-004 Work Order #...: D2FWP101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	0.014	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

SEP 16'99 17:02 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.08

IT CORPORATION

Client Sample ID: 18708-1413

GC/MS Volatiles

Lot-Sample #...: M9I150151-005 Work Order #...: D2FWQ101 Matrix.....: AIR
Date Sampled...: 09/15/99 08:20 Date Received..: 09/15/99
Prep Date.....: 09/15/99 Analysis Date..: 09/15/99
Prep Batch #...: 9259327 Analysis Time..: 18:30
Dilution Factor: 2
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.020	ug/L
Chloromethane	ND	0.016	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.028	ug/L
Vinyl chloride	ND	0.010	ug/L
Bromomethane	ND	0.016	ug/L
Chloroethane	ND	0.022	ug/L
Trichlorofluoromethane	ND	0.022	ug/L
1,1-Dichloroethene	**1.6**	**0.016**	**ug/L**
Carbon disulfide	ND	0.062	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.80**	**0.030**	**ug/L**
Acetone	ND	0.048	ug/L
Methylene chloride	ND	0.014	ug/L
trans-1,2-Dichloroethene	ND	0.016	ug/L
1,1-Dichloroethane	ND	0.016	ug/L
Vinyl acetate	ND	0.070	ug/L
cis-1,2-Dichloroethene	ND	0.016	ug/L
2-Butanone (MEK)	ND	0.058	ug/L
Chloroform	ND	0.019	ug/L
1,1,1-Trichloroethane	ND	0.022	ug/L
Carbon tetrachloride	ND	0.026	ug/L
Benzene	ND	0.013	ug/L
1,2-Dichloroethane	ND	0.016	ug/L
Trichloroethene	ND	0.022	ug/L
1,2-Dichloropropane	ND	0.018	ug/L
Bromodichloromethane	ND	0.026	ug/L
cis-1,3-Dichloropropene	ND	0.018	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.082	ug/L
Toluene	ND	0.038	ug/L
trans-1,3-Dichloropropene	ND	0.018	ug/L
1,1,2-Trichloroethane	ND	0.022	ug/L
Tetrachloroethene	ND	0.028	ug/L
2-Hexanone	ND	0.24	ug/L
Dibromochloromethane	ND	0.034	ug/L
1,2-Dibromoethane (EDB)	ND	0.030	ug/L

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IT CORPORATION

Client Sample ID: 18708-1413

GC/MS Volatiles

Lot-Sample #...: M9I150151-005 **Work Order #...:** D2FWQ101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.018	ug/L
Ethylbenzene	ND	0.017	ug/L
Xylenes (total)	ND	0.017	ug/L
Styrene	ND	0.017	ug/L
Bromoform	ND	0.042	ug/L
1,1,2,2-Tetrachloroethane	ND	0.028	ug/L
Benzyl chloride	ND	0.10	ug/L
4-Ethyltoluene	ND	0.020	ug/L
1,3,5-Trimethylbenzene	ND	0.020	ug/L
1,2,4-Trimethylbenzene	ND	0.020	ug/L
1,3-Dichlorobenzene	ND	0.024	ug/L
1,4-Dichlorobenzene	ND	0.024	ug/L
1,2-Dichlorobenzene	ND	0.024	ug/L
1,2,4-Trichlorobenzene	ND	0.30	ug/L
Hexachlorobutadiene	ND	0.086	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.072	ug/L

COMPLETED 9/21/99

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222599

24SVE15 - 27 day

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. Benkowski	LAB COORDINATOR'S PHONE: 949-660-1537	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID: MATRIDAN	LABORATORY CONTACT: Quintara	MAIL REPORT (COMPANY NAME): IT
PROJECT NAME: El Toro - D065	PROJECT LOCATION: NCAS El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX:	RECIPIENT NAME: Duwayne Ishida
PROJECT CONTACT: L. Brenkowski	PROJECT PHONE NUMBER: 949-454-1665	PROJECT FAX:	LABORATORY ADDRESS: 1721 Grand		ADDRESS: 3347 Michelson
PROJECT ADDRESS:	CITY, STATE AND ZIPCODE:	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-660-5446	PROJECT MANAGER'S FAX:			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Contingent Hold	Comments
											Analyze bag "A" first.
1	18708-1417	Vapor	9-21	1320	—	2	II	24hr	X		
2	18708-1418	Vapor	9-21	1325	—	3	II	24hr	X		
3	18708-1419	Vapor	9-21	1330	—	2	II	24hr	X		
4	18708-1420	Vapor	9-21	1335	—	2	II	24hr	X	X	Analyze only if 18708-1419 is detected.
5											
6											
7											
8			9/21/99								
9		W.S.									
10											

SAMPLES COLLECTED BY: W. Sethison

COURIER AND AIR BILL NUMBER: Courier

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Wayne Seth	Golden Valentine	9/21/99	2:15	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE15 - 27 day (24hr shutdown)

Sample Point Location	Sample Type G	C	F	Q
1. 24SVE15 - Ambient 27 day (24hr shutdown)	X			
2. 24SVE15 - Influent 27 day	X			
3. 24SVE15 - MLDPT. 27 day	X			
4. 24SVE15 - Effluent 27 day	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

341006

IT CORPORATION

Client Sample ID: 18708-1417

GC/MS Volatiles

Lot-Sample #...: M9I210216-001 Work Order #...: D2P51102 Matrix.....: AIR
Date Sampled...: 09/21/99 13:20 Date Received..: 09/21/99
Prep Date.....: 09/21/99 Analysis Date..: 09/21/99
Prep Batch #...: 9265254 Analysis Time..: 19:17
Dilution Factor: 5
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	10	ppb(v/v)
Chloromethane	ND	20	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	10	ppb(v/v)
Vinyl chloride	ND	10	ppb(v/v)
Bromomethane	ND	10	ppb(v/v)
Chloroethane	ND	20	ppb(v/v)
Trichlorofluoromethane	ND	10	ppb(v/v)
1,1-Dichloroethene	ND	10	ppb(v/v)
Carbon disulfide	ND	50	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	ppb(v/v)
Acetone	ND	50	ppb(v/v)
Methylene chloride	ND	10	ppb(v/v)
trans-1,2-Dichloroethene	ND	10	ppb(v/v)
1,1-Dichloroethane	ND	10	ppb(v/v)
Vinyl acetate	ND	50	ppb(v/v)
cis-1,2-Dichloroethene	ND	10	ppb(v/v)
2-Butanone (MEK)	**1000**	**50**	**ppb(v/v)**
Chloroform	ND	10	ppb(v/v)
1,1,1-Trichloroethane	ND	10	ppb(v/v)
Carbon tetrachloride	ND	10	ppb(v/v)
Benzene	ND	10	ppb(v/v)
1,2-Dichloroethane	ND	10	ppb(v/v)
Trichloroethene	ND	10	ppb(v/v)
1,2-Dichloropropane	ND	10	ppb(v/v)
Bromodichloromethane	ND	10	ppb(v/v)
cis-1,3-Dichloropropene	ND	10	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	50	ppb(v/v)
Toluene	ND	25	ppb(v/v)
trans-1,3-Dichloropropene	ND	10	ppb(v/v)
1,1,2-Trichloroethane	ND	10	ppb(v/v)
Tetrachloroethene	ND	10	ppb(v/v)
2-Hexanone	ND	150	ppb(v/v)
Dibromochloromethane	ND	10	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	10	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1417

GC/MS Volatiles

Lot-Sample #...: M9I210216-001 Work Order #...: D2P51102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	10	ppb(v/v)
Ethylbenzene	ND	10	ppb(v/v)
Xylenes (total)	ND	10	ppb(v/v)
Styrene	ND	10	ppb(v/v)
Bromoform	ND	10	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	10	ppb(v/v)
Benzyl chloride	ND	50	ppb(v/v)
4-Ethyltoluene	**18**	**10**	**ppb(v/v)**
1,3,5-Trimethylbenzene	ND	10	ppb(v/v)
1,2,4-Trimethylbenzene	**25**	**10**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	10	ppb(v/v)
1,4-Dichlorobenzene	ND	10	ppb(v/v)
1,2-Dichlorobenzene	ND	10	ppb(v/v)
1,2,4-Trichlorobenzene	ND	100	ppb(v/v)
Hexachlorobutadiene	ND	20	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	50	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1418

GC/MS Volatiles

Lot-Sample #...: M9I210216-002 Work Order #...: D2P52102 Matrix.....: AIR
Date Sampled...: 09/21/99 13:25 Date Received..: 09/21/99
Prep Date.....: 09/21/99 Analysis Date..: 09/21/99
Prep Batch #...: 9265254 Analysis Time..: 18:49
Dilution Factor: 3.3
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	6.6	ppb(v/v)
Chloromethane	ND	13	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	6.6	ppb(v/v)
Vinyl chloride	ND	6.6	ppb(v/v)
Bromomethane	ND	6.6	ppb(v/v)
Chloroethane	ND	13	ppb(v/v)
Trichlorofluoromethane	ND	6.6	ppb(v/v)
1,1-Dichloroethene	ND	6.6	ppb(v/v)
Carbon disulfide	ND	33	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**70**	**6.6**	**ppb(v/v)**
Acetone	ND	33	ppb(v/v)
Methylene chloride	ND	6.6	ppb(v/v)
trans-1,2-Dichloroethene	ND	6.6	ppb(v/v)
1,1-Dichloroethane	ND	6.6	ppb(v/v)
Vinyl acetate	ND	33	ppb(v/v)
cis-1,2-Dichloroethene	ND	6.6	ppb(v/v)
2-Butanone (MEK)	**100**	**33**	**ppb(v/v)**
Chloroform	**410**	**6.6**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	6.6	ppb(v/v)
Carbon tetrachloride	ND	6.6	ppb(v/v)
Benzene	ND	6.6	ppb(v/v)
1,2-Dichloroethane	ND	6.6	ppb(v/v)
Trichloroethene	**400**	**6.6**	**ppb(v/v)**
1,2-Dichloropropane	ND	6.6	ppb(v/v)
Bromodichloromethane	ND	6.6	ppb(v/v)
cis-1,3-Dichloropropene	ND	6.6	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	33	ppb(v/v)
Toluene	ND	16	ppb(v/v)
trans-1,3-Dichloropropene	ND	6.6	ppb(v/v)
1,1,2-Trichloroethane	ND	6.6	ppb(v/v)
Tetrachloroethene	**9.2**	**6.6**	**ppb(v/v)**
2-Hexanone	ND	99	ppb(v/v)
Dibromochloromethane	ND	6.6	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	6.6	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1418

GC/MS Volatiles

Lot-Sample #...: M9I210216-002 Work Order #...: D2P52102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	6.6	ppb(v/v)
Ethylbenzene	ND	6.6	ppb(v/v)
Xylenes (total)	16	6.6	ppb(v/v)
Styrene	ND	6.6	ppb(v/v)
Bromoform	ND	6.6	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	6.6	ppb(v/v)
Benzyl chloride	ND	33	ppb(v/v)
4-Ethyltoluene	23	6.6	ppb(v/v)
1,3,5-Trimethylbenzene	12	6.6	ppb(v/v)
1,2,4-Trimethylbenzene	31	6.6	ppb(v/v)
1,3-Dichlorobenzene	ND	6.6	ppb(v/v)
1,4-Dichlorobenzene	ND	6.6	ppb(v/v)
1,2-Dichlorobenzene	ND	6.6	ppb(v/v)
1,2,4-Trichlorobenzene	ND	66	ppb(v/v)
Hexachlorobutadiene	ND	13	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	33	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1419

GC/MS Volatiles

Lot-Sample #...: M9I210216-003 Work Order #...: D2P53102 Matrix.....: AIR
Date Sampled...: 09/21/99 13:30 Date Received..: 09/21/99
Prep Date.....: 09/21/99 Analysis Date..: 09/21/99
Prep Batch #...: 9265254 Analysis Time..: 16:45
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	**410**	**2.0**	**ppb(v/v)**
Carbon disulfide	ND	10	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	**16**	**2.0**	**ppb(v/v)**
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	**11**	**2.0**	**ppb(v/v)**
2-Butanone (MEK)	**52**	**10**	**ppb(v/v)**
Chloroform	**48**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	**37**	**2.0**	**ppb(v/v)**
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**220**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1419

GC/MS Volatiles

Lot-Sample #...: M9I210216-003 Work Order #...: D2P53102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Xylenes (total)	15	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	22	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	12	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	34	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1419

GC/MS Volatiles

Lot-Sample #...: M9I210216-003 Work Order #...: D2P53202 Matrix.....: AIR
Date Sampled...: 09/21/99 13:30 Date Received..: 09/21/99
Prep Date.....: 09/21/99 Analysis Date..: 09/21/99
Prep Batch #...: 9265254 Analysis Time..: 17:16
Dilution Factor: 6.7
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2-Trichloro-1,2,2-trifluoroethane	790	13	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1420

GC/MS Volatiles

Lot-Sample #...: M9I210216-004 Work Order #...: D2P54102 Matrix.....: AIR
Date Sampled...: 09/21/99 13:35 Date Received..: 09/21/99
Prep Date.....: 09/21/99 Analysis Date..: 09/21/99
Prep Batch #...: 9265254 Analysis Time..: 17:44
Dilution Factor: 6.7
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	13	ppb(v/v)
Chloromethane	ND	27	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	13	ppb(v/v)
Vinyl chloride	ND	13	ppb(v/v)
Bromomethane	ND	13	ppb(v/v)
Chloroethane	ND	27	ppb(v/v)
Trichlorofluoromethane	ND	13	ppb(v/v)
1,1-Dichloroethene	1300	13	ppb(v/v)
Carbon disulfide	ND	67	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	480	13	ppb(v/v)
etone	ND	67	ppb(v/v)
ethylene chloride	ND	13	ppb(v/v)
trans-1,2-Dichloroethene	ND	13	ppb(v/v)
1,1-Dichloroethane	ND	13	ppb(v/v)
Vinyl acetate	ND	67	ppb(v/v)
cis-1,2-Dichloroethene	ND	13	ppb(v/v)
2-Butanone (MEK)	ND	67	ppb(v/v)
Chloroform	ND	13	ppb(v/v)
1,1,1-Trichloroethane	ND	13	ppb(v/v)
Carbon tetrachloride	ND	13	ppb(v/v)
Benzene	ND	13	ppb(v/v)
1,2-Dichloroethane	ND	13	ppb(v/v)
Trichloroethene	ND	13	ppb(v/v)
1,2-Dichloropropane	ND	13	ppb(v/v)
Bromodichloromethane	ND	13	ppb(v/v)
cis-1,3-Dichloropropene	ND	13	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	67	ppb(v/v)
Toluene	ND	34	ppb(v/v)
trans-1,3-Dichloropropene	ND	13	ppb(v/v)
1,1,2-Trichloroethane	ND	13	ppb(v/v)
Tetrachloroethene	ND	13	ppb(v/v)
2-Hexanone	ND	200	ppb(v/v)
Dibromochloromethane	ND	13	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	13	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1420

GC/MS Volatiles

Lot-Sample #...: M9I210216-004 Work Order #...: D2P54102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	13	ppb(v/v)
Ethylbenzene	ND	13	ppb(v/v)
Xylenes (total)	ND	13	ppb(v/v)
Styrene	ND	13	ppb(v/v)
Bromoform	ND	13	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	13	ppb(v/v)
Benzyl chloride	ND	67	ppb(v/v)
4-Ethyltoluene	**22**	**13**	**ppb(v/v)**
1,3,5-Trimethylbenzene	ND	13	ppb(v/v)
1,2,4-Trimethylbenzene	**29**	**13**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	13	ppb(v/v)
1,4-Dichlorobenzene	ND	13	ppb(v/v)
1,2-Dichlorobenzene	ND	13	ppb(v/v)
1,2,4-Trichlorobenzene	ND	130	ppb(v/v)
Hexachlorobutadiene	ND	27	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	67	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1417

GC/MS Volatiles

Lot-Sample #...: M9I210216-001 Work Order #...: D2P51101 Matrix.....: AIR
Date Sampled...: 09/21/99 13:20 Date Received..: 09/21/99
Prep Date.....: 09/21/99 Analysis Date..: 09/21/99
Prep Batch #...: 9265253 Analysis Time..: 19:17
Dilution Factor: 5
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.050	ug/L
Chloromethane	ND	0.041	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.070	ug/L
Vinyl chloride	ND	0.026	ug/L
Bromomethane	ND	0.039	ug/L
Chloroethane	ND	0.055	ug/L
Trichlorofluoromethane	ND	0.055	ug/L
1,1-Dichloroethene	ND	0.040	ug/L
Carbon disulfide	ND	0.16	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.075	ug/L
Acetone	ND	0.12	ug/L
Methylene chloride	ND	0.034	ug/L
trans-1,2-Dichloroethene	ND	0.040	ug/L
1,1-Dichloroethane	ND	0.040	ug/L
Vinyl acetate	ND	0.18	ug/L
cis-1,2-Dichloroethene	ND	0.040	ug/L
2-Butanone (MEK)	**3.1**	**0.14**	**ug/L**
Chloroform	ND	0.048	ug/L
1,1,1-Trichloroethane	ND	0.055	ug/L
Carbon tetrachloride	ND	0.065	ug/L
Benzene	ND	0.032	ug/L
1,2-Dichloroethane	ND	0.040	ug/L
Trichloroethene	ND	0.055	ug/L
1,2-Dichloropropane	ND	0.046	ug/L
Bromodichloromethane	ND	0.065	ug/L
cis-1,3-Dichloropropene	ND	0.046	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.20	ug/L
Toluene	ND	0.094	ug/L
trans-1,3-Dichloropropene	ND	0.046	ug/L
1,1,2-Trichloroethane	ND	0.055	ug/L
Tetrachloroethene	ND	0.070	ug/L
2-Hexanone	ND	0.60	ug/L
Dibromochloromethane	ND	0.085	ug/L
1,2-Dibromoethane (EDB)	ND	0.075	ug/L

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IT CORPORATION

Client Sample ID: 18708-1417

GC/MS Volatiles

Lot-Sample #...: M9I210216-001 Work Order #...: D2P51101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.046	ug/L
Ethylbenzene	ND	0.044	ug/L
Xylenes (total)	ND	0.044	ug/L
Styrene	ND	0.042	ug/L
Bromoform	ND	0.10	ug/L
1,1,2,2-Tetrachloroethane	ND	0.070	ug/L
Benzyl chloride	ND	0.26	ug/L
4-Ethyltoluene	**0.090**	**0.049**	**ug/L**
1,3,5-Trimethylbenzene	ND	0.049	ug/L
1,2,4-Trimethylbenzene	**0.12**	**0.049**	**ug/L**
1,3-Dichlorobenzene	ND	0.060	ug/L
1,4-Dichlorobenzene	ND	0.060	ug/L
1,2-Dichlorobenzene	ND	0.060	ug/L
1,2,4-Trichlorobenzene	ND	0.75	ug/L
Hexachlorobutadiene	ND	0.22	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.18	ug/L

IT CORPORATION

Client Sample ID: 18708-1418

GC/MS Volatiles

Lot-Sample #...: M9I210216-002 Work Order #...: D2P52101 Matrix.....: AIR
Date Sampled...: 09/21/99 13:25 Date Received..: 09/21/99
Prep Date.....: 09/21/99 Analysis Date..: 09/21/99
Prep Batch #...: 9265253 Analysis Time..: 18:49
Dilution Factor: 3.3
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.033	ug/L
Chloromethane	ND	0.027	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.046	ug/L
Vinyl chloride	ND	0.017	ug/L
Bromomethane	ND	0.026	ug/L
Chloroethane	ND	0.036	ug/L
Trichlorofluoromethane	ND	0.036	ug/L
1,1-Dichloroethene	ND	0.026	ug/L
Carbon disulfide	ND	0.10	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.53**	**0.050**	**ug/L**
Acetone	ND	0.079	ug/L
Methylene chloride	ND	0.023	ug/L
trans-1,2-Dichloroethene	ND	0.026	ug/L
1,1-Dichloroethane	ND	0.027	ug/L
Vinyl acetate	ND	0.12	ug/L
cis-1,2-Dichloroethene	ND	0.026	ug/L
2-Butanone (MEK)	**0.30**	**0.096**	**ug/L**
Chloroform	**2.0**	**0.032**	**ug/L**
1,1,1-Trichloroethane	ND	0.036	ug/L
Carbon tetrachloride	ND	0.043	ug/L
Benzene	ND	0.021	ug/L
1,2-Dichloroethane	ND	0.027	ug/L
Trichloroethene	**2.2**	**0.036**	**ug/L**
1,2-Dichloropropane	ND	0.030	ug/L
Bromodichloromethane	ND	0.043	ug/L
cis-1,3-Dichloropropene	ND	0.030	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.14	ug/L
Toluene	ND	0.062	ug/L
trans-1,3-Dichloropropene	ND	0.030	ug/L
1,1,2-Trichloroethane	ND	0.036	ug/L
Tetrachloroethene	**0.062**	**0.046**	**ug/L**
2-Hexanone	ND	0.40	ug/L
Dibromochloromethane	ND	0.056	ug/L
1,2-Dibromoethane (EDB)	ND	0.050	ug/L

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IT CORPORATION

Client Sample ID: 18708-1418

GC/MS Volatiles

Lot-Sample #...: M9I210216-002 Work Order #...: D2P52101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.030	ug/L
Ethylbenzene	ND	0.029	ug/L
Xylenes (total)	0.071	0.029	ug/L
Styrene	ND	0.028	ug/L
Bromoform	ND	0.069	ug/L
1,1,2,2-Tetrachloroethane	ND	0.046	ug/L
Benzyl chloride	ND	0.17	ug/L
4-Ethyltoluene	0.11	0.032	ug/L
1,3,5-Trimethylbenzene	0.049	0.032	ug/L
1,2,4-Trimethylbenzene	0.15	0.032	ug/L
1,3-Dichlorobenzene	ND	0.040	ug/L
1,4-Dichlorobenzene	ND	0.040	ug/L
1,2-Dichlorobenzene	ND	0.040	ug/L
1,2,4-Trichlorobenzene	ND	0.50	ug/L
Hexachlorobutadiene	ND	0.14	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.12	ug/L

IT CORPORATION

Client Sample ID: 18708-1419

GC/MS Volatiles

Lot-Sample #...: M9I210216-003 Work Order #...: D2P53101 Matrix.....: AIR
Date Sampled...: 09/21/99 13:30 Date Received..: 09/21/99
Prep Date.....: 09/21/99 Analysis Date..: 09/21/99
Prep Batch #...: 9265253 Analysis Time..: 16:45
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	**1.6**	**0.0079**	**ug/L**
Carbon disulfide	ND	0.031	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	**0.063**	**0.0081**	**ug/L**
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	**0.045**	**0.0079**	**ug/L**
2-Butanone (MEK)	**0.15**	**0.029**	**ug/L**
Chloroform	**0.24**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	**0.23**	**0.013**	**ug/L**
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**1.2**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L

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IT CORPORATION

Client Sample ID: 18708-1419

GC/MS Volatiles

Lot-Sample #...: M9I210216-003 **Work Order #...:** D2P53101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Xylenes (total)	0.067	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	0.11	0.0098	ug/L
1,3,5-Trimethylbenzene	0.050	0.0098	ug/L
1,2,4-Trimethylbenzene	0.16	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1419

GC/MS Volatiles

Lot-Sample #...: M9I210216-003 Work Order #...: D2P53201 Matrix.....: AIR
Date Sampled...: 09/21/99 13:30 Date Received..: 09/21/99
Prep Date.....: 09/21/99 Analysis Date..: 09/21/99
Prep Batch #...: 9265253 Analysis Time..: 17:16
Dilution Factor: 6.7
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	0.10	ug/L

IT CORPORATION

Client Sample ID: 18708-1420

GC/MS Volatiles

Lot-Sample #...: M9I210216-004 **Work Order #...:** D2P54101 **Matrix.....:** AIR
Date Sampled...: 09/21/99 13:35 **Date Received..:** 09/21/99
Prep Date.....: 09/21/99 **Analysis Date..:** 09/21/99
Prep Batch #...: 9265253 **Analysis Time..:** 17:44
Dilution Factor: 6.7
Analyst ID.....: 007319 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.066	ug/L
Chloromethane	ND	0.055	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.094	ug/L
Vinyl chloride	ND	0.034	ug/L
Bromomethane	ND	0.052	ug/L
Chloroethane	ND	0.074	ug/L
Trichlorofluoromethane	ND	0.074	ug/L
1,1-Dichloroethene	**5.0**	**0.053**	**ug/L**
Carbon disulfide	ND	0.21	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**3.7**	**0.10**	**ug/L**
Acetone	ND	0.16	ug/L
Methylene chloride	ND	0.046	ug/L
trans-1,2-Dichloroethene	ND	0.053	ug/L
1,1-Dichloroethane	ND	0.054	ug/L
Vinyl acetate	ND	0.23	ug/L
cis-1,2-Dichloroethene	ND	0.053	ug/L
2-Butanone (MEK)	ND	0.19	ug/L
Chloroform	ND	0.065	ug/L
1,1,1-Trichloroethane	ND	0.074	ug/L
Carbon tetrachloride	ND	0.087	ug/L
Benzene	ND	0.043	ug/L
1,2-Dichloroethane	ND	0.054	ug/L
Trichloroethene	ND	0.074	ug/L
1,2-Dichloropropane	ND	0.062	ug/L
Bromodichloromethane	ND	0.087	ug/L
cis-1,3-Dichloropropene	ND	0.061	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.27	ug/L
Toluene	ND	0.13	ug/L
trans-1,3-Dichloropropene	ND	0.061	ug/L
1,1,2-Trichloroethane	ND	0.074	ug/L
Tetrachloroethene	ND	0.094	ug/L
2-Hexanone	ND	0.80	ug/L
Dibromochloromethane	ND	0.11	ug/L
1,2-Dibromoethane (EDB)	ND	0.10	ug/L

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IT CORPORATION

Client Sample ID: 18708-1420

GC/MS Volatiles

Lot-Sample #...: M9I210216-004 Work Order #...: D2P54101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.062	ug/L
Ethylbenzene	ND	0.058	ug/L
Xylenes (total)	ND	0.058	ug/L
Styrene	ND	0.057	ug/L
Bromoform	ND	0.14	ug/L
1,1,2,2-Tetrachloroethane	ND	0.094	ug/L
Benzyl chloride	ND	0.35	ug/L
4-Ethyltoluene	0.11	0.066	ug/L
1,3,5-Trimethylbenzene	ND	0.066	ug/L
1,2,4-Trimethylbenzene	0.14	0.066	ug/L
1,3-Dichlorobenzene	ND	0.080	ug/L
1,4-Dichlorobenzene	ND	0.080	ug/L
1,2-Dichlorobenzene	ND	0.080	ug/L
1,2,4-Trichlorobenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	0.29	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.24	ug/L

COMPLETED 9/29/97

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222586
FORM 0019 REV. 2-97

24SVE15 - 28 day

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-1537	LAB COORDINATOR'S FAX: 949-415-5433	LABORATORY SERVICE ID: 1931220171	LABORATORY CONTACT: Quantera	MAIL REPORT (COMPANY NAME): IT Grand
PROJECT NAME: El Toro - D065	PROJECT LOCATION: MCAS El Toro CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: 949-451-1667	PROJECT FAX:	LABORATORY ADDRESS: 1721 S. Grand		ADDRESS: 3347 Michelson
PROJECT ADDRESS:	CITY, STATE AND ZIPCODE:	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: D. Sedlak	PROJECT MANAGER'S PHONE: 949-660-5446	PROJECT MANAGER'S FAX:			

Analyses: TO-14 (Continued hold)

Item	Sample Identifier	Matrix	1994 Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	TO-14								Comments
1	18708 - 1421	Vapor	9-22	750	—	2	III	5 day	X								Analyze Leg 1 first
2	18708 - 1422	Vapor	9-22	755	—	3	III	5 day	X								
3	~~18708 - 1423~~	~~Vapor~~	~~9-22~~	~~(1?)~~	~~—~~	~~2~~	~~IV~~	~~5 day~~	~~X~~								
4	18708 - 1424	Vapor	9-22	0804	—	2	III	24 hr	X								
5	18708 - 1425	Vapor	9-22	0812	—	2	III	24 hr	X		X						Analyze only if 18708 - 1424 is filled
6																	
7																	
8				9/22/199													
9		W.J.															
10																	

SAMPLES COLLECTED BY: W. Jefferson	COURIER AND AIR BILL NUMBER: Courier			COOLER TEMPERATURE UPON RECEIPT:
RELINQUISHED BY: W Jefferson	RECEIVED BY: Francine Thomas	DATE: 9/22/97	TIME: 9:55 am.	SAMPLE'S CONDITION UPON RECEIPT:

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE15 - 28 day (48hr shutdown)

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE15 - ambient 28 day (48hr shutdown)	X			
2. 24SVE15 - influent 28 day	X			
~~3. 24SVE15 - midpt. 28 day~~	~~X~~			~~X~~
4. 24SVE15 - Mid pt. 28 day -	X			
5. 24SVE15 - Effluent 28 day	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34100678

IT CORPORATION

Client Sample ID: 18708-1421

GC/MS Volatiles

Lot-Sample #...: M9I220171-001 Work Order #...: D2Q2L102 Matrix.....: AIR
Date Sampled...: 09/22/99 07:50 Date Received..: 09/22/99
Prep Date.....: 09/23/99 Analysis Date..: 09/23/99
Prep Batch #...: 9272366 Analysis Time..: 13:55
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
etone	12	10	ppb(v/v)
thylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	35	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	8.3	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	12	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1421

GC/MS Volatiles

Lot-Sample #...: M9I220171-001 Work Order #...: D2Q2L102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	11	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	4.9	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	2.5	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	6.2	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	11	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1422

GC/MS Volatiles

Lot-Sample #...: M9I220171-002 Work Order #...: D2Q2M102 Matrix.....: AIR
Date Sampled...: 09/22/99 07:55 Date Received..: 09/22/99
Prep Date.....: 09/23/99 Analysis Date..: 09/23/99
Prep Batch #...: 9272366 Analysis Time..: 14:25
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	**2.1**	**2.0**	**ppb(v/v)**
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**41**	**2.0**	**ppb(v/v)**
etone	**10**	**10**	**ppb(v/v)**
ethylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	**10**	**10**	**ppb(v/v)**
Chloroform	**260**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	**2.0**	**2.0**	**ppb(v/v)**
Benzene	**2.7**	**2.0**	**ppb(v/v)**
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**240**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**6.0**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1422

GC/MS Volatiles

Lot-Sample #...: M9I220171-002 Work Order #...: D2Q2M102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	2.8	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	2.7	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	3.9	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1424

GC/MS Volatiles

Lot-Sample #...: M9I220171-003 Work Order #...: D2Q2N102 Matrix.....: AIR
Date Sampled...: 09/22/99 08:06 Date Received..: 09/22/99
Prep Date.....: 09/22/99 Analysis Date..: 09/22/99
Prep Batch #...: 9266295 Analysis Time..: 15:44
Dilution Factor: 3.33
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	6.7	ppb(v/v)
Chloromethane	ND	13	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	6.7	ppb(v/v)
Vinyl chloride	ND	6.7	ppb(v/v)
Bromomethane	ND	6.7	ppb(v/v)
Chloroethane	ND	13	ppb(v/v)
Trichlorofluoromethane	ND	6.7	ppb(v/v)
1,1-Dichloroethene	**310**	**6.7**	**ppb(v/v)**
Carbon disulfide	ND	33	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**510**	**6.7**	**ppb(v/v)**
Acetone	ND	33	ppb(v/v)
Methylene chloride	ND	6.7	ppb(v/v)
trans-1,2-Dichloroethene	ND	6.7	ppb(v/v)
1,1-Dichloroethane	**11**	**6.7**	**ppb(v/v)**
Vinyl acetate	ND	33	ppb(v/v)
cis-1,2-Dichloroethene	**7.1**	**6.7**	**ppb(v/v)**
2-Butanone (MEK)	ND	33	ppb(v/v)
Chloroform	**31**	**6.7**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	6.7	ppb(v/v)
Carbon tetrachloride	**21**	**6.7**	**ppb(v/v)**
Benzene	ND	6.7	ppb(v/v)
1,2-Dichloroethane	ND	6.7	ppb(v/v)
Trichloroethene	**190**	**6.7**	**ppb(v/v)**
1,2-Dichloropropane	ND	6.7	ppb(v/v)
Bromodichloromethane	ND	6.7	ppb(v/v)
cis-1,3-Dichloropropene	ND	6.7	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	33	ppb(v/v)
Toluene	ND	17	ppb(v/v)
trans-1,3-Dichloropropene	ND	6.7	ppb(v/v)
1,1,2-Trichloroethane	ND	6.7	ppb(v/v)
Tetrachloroethene	ND	6.7	ppb(v/v)
2-Hexanone	ND	100	ppb(v/v)
Dibromochloromethane	ND	6.7	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	6.7	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1424

GC/MS Volatiles

Lot-Sample #...: M9I220171-003 Work Order #...: D2Q2N102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	6.7	ppb(v/v)
Ethylbenzene	ND	6.7	ppb(v/v)
Xylenes (total)	ND	6.7	ppb(v/v)
Styrene	ND	6.7	ppb(v/v)
Bromoform	ND	6.7	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	6.7	ppb(v/v)
Benzyl chloride	ND	33	ppb(v/v)
4-Ethyltoluene	ND	6.7	ppb(v/v)
1,3,5-Trimethylbenzene	ND	6.7	ppb(v/v)
1,2,4-Trimethylbenzene	ND	6.7	ppb(v/v)
1,3-Dichlorobenzene	ND	6.7	ppb(v/v)
1,4-Dichlorobenzene	ND	6.7	ppb(v/v)
1,2-Dichlorobenzene	ND	6.7	ppb(v/v)
1,2,4-Trichlorobenzene	ND	67	ppb(v/v)
Hexachlorobutadiene	ND	13	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	33	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1425

GC/MS Volatiles

Lot-Sample #...: M9I220171-004 Work Order #...: D2Q2Q102 Matrix.....: AIR
Date Sampled...: 09/22/99 08:12 Date Received..: 09/22/99
Prep Date.....: 09/22/99 Analysis Date..: 09/22/99
Prep Batch #...: 9266295 Analysis Time..: 16:14
Dilution Factor: 5
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	10	ppb(v/v)
Chloromethane	ND	20	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	10	ppb(v/v)
Vinyl chloride	ND	10	ppb(v/v)
Bromomethane	ND	10	ppb(v/v)
Chloroethane	ND	20	ppb(v/v)
Trichlorofluoromethane	ND	10	ppb(v/v)
1,1-Dichloroethene	920	10	ppb(v/v)
Carbon disulfide	ND	50	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	340	10	ppb(v/v)
etone	ND	50	ppb(v/v)
methylene chloride	ND	10	ppb(v/v)
trans-1,2-Dichloroethene	ND	10	ppb(v/v)
1,1-Dichloroethane	ND	10	ppb(v/v)
Vinyl acetate	ND	50	ppb(v/v)
cis-1,2-Dichloroethene	ND	10	ppb(v/v)
2-Butanone (MEK)	ND	50	ppb(v/v)
Chloroform	ND	10	ppb(v/v)
1,1,1-Trichloroethane	ND	10	ppb(v/v)
Carbon tetrachloride	ND	10	ppb(v/v)
Benzene	ND	10	ppb(v/v)
1,2-Dichloroethane	ND	10	ppb(v/v)
Trichloroethene	ND	10	ppb(v/v)
1,2-Dichloropropane	ND	10	ppb(v/v)
Bromodichloromethane	ND	10	ppb(v/v)
cis-1,3-Dichloropropene	ND	10	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	50	ppb(v/v)
Toluene	ND	25	ppb(v/v)
trans-1,3-Dichloropropene	ND	10	ppb(v/v)
1,1,2-Trichloroethane	ND	10	ppb(v/v)
Tetrachloroethene	ND	10	ppb(v/v)
2-Hexanone	ND	150	ppb(v/v)
Dibromochloromethane	ND	10	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	10	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1425

GC/MS Volatiles

Lot-Sample #...: M9I220171-004 Work Order #...: D2Q2Q102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	10	ppb(v/v)
Ethylbenzene	ND	10	ppb(v/v)
Xylenes (total)	ND	10	ppb(v/v)
Styrene	ND	10	ppb(v/v)
Bromoform	ND	10	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	10	ppb(v/v)
Benzyl chloride	ND	50	ppb(v/v)
4-Ethyltoluene	ND	10	ppb(v/v)
1,3,5-Trimethylbenzene	ND	10	ppb(v/v)
1,2,4-Trimethylbenzene	ND	10	ppb(v/v)
1,3-Dichlorobenzene	ND	10	ppb(v/v)
1,4-Dichlorobenzene	ND	10	ppb(v/v)
1,2-Dichlorobenzene	ND	10	ppb(v/v)
1,2,4-Trichlorobenzene	ND	100	ppb(v/v)
Hexachlorobutadiene	ND	20	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	50	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1421

GC/MS Volatiles

Lot-Sample #...: M9I220171-001 Work Order #...: D2Q2L101 Matrix.....: AIR
Date Sampled...: 09/22/99 07:50 Date Received..: 09/22/99
Prep Date.....: 09/23/99 Analysis Date..: 09/23/99
Prep Batch #...: 9272365 Analysis Time..: 13:55
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	**0.028**	**0.024**	**ug/L**
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	**0.10**	**0.029**	**ug/L**
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	**0.026**	**0.0064**	**ug/L**
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	**0.044**	**0.019**	**ug/L**
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1421

GC/MS Volatiles

Lot-Sample #...: M9I220171-001 Work Order #...: D2Q2L101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	0.046	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	0.024	0.0098	ug/L
1,3,5-Trimethylbenzene	0.010	0.0098	ug/L
1,2,4-Trimethylbenzene	0.031	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	0.039	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1422

GC/MS Volatiles

Lot-Sample #...: M9I220171-002 Work Order #...: D2Q2M101 Matrix.....: AIR
Date Sampled...: 09/22/99 07:55 Date Received..: 09/22/99
Prep Date.....: 09/23/99 Analysis Date..: 09/23/99
Prep Batch #...: 9272365 Analysis Time..: 14:25
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	**0.0082**	**0.0079**	**ug/L**
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.31**	**0.015**	**ug/L**
tone	**0.024**	**0.024**	**ug/L**
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	**0.030**	**0.029**	**ug/L**
Chloroform	**1.3**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	**0.013**	**0.013**	**ug/L**
Benzene	**0.0086**	**0.0064**	**ug/L**
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**1.3**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.041**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1422

GC/MS Volatiles

Lot-Sample #...: M9I220171-002 **Work Order #...:** D2Q2M101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	**0.012**	**0.0087**	**ug/L**
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	**0.013**	**0.0098**	**ug/L**
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	**0.019**	**0.0098**	**ug/L**
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1424

GC/MS Volatiles

Lot-Sample #...: M9I220171-003 Work Order #...: D2Q2N101 Matrix.....: AIR
Date Sampled...: 09/22/99 08:06 Date Received..: 09/22/99
Prep Date.....: 09/22/99 Analysis Date..: 09/22/99
Prep Batch #...: 9266294 Analysis Time..: 15:44
Dilution Factor: 3.33
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.033	ug/L
Chloromethane	ND	0.027	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.047	ug/L
Vinyl chloride	ND	0.017	ug/L
Bromomethane	ND	0.026	ug/L
Chloroethane	ND	0.037	ug/L
Trichlorofluoromethane	ND	0.037	ug/L
1,1-Dichloroethene	**1.2**	**0.026**	**ug/L**
Carbon disulfide	ND	0.10	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**3.9**	**0.050**	**ug/L**
etone	ND	0.080	ug/L
ethylene chloride	ND	0.023	ug/L
trans-1,2-Dichloroethene	ND	0.026	ug/L
1,1-Dichloroethane	**0.043**	**0.027**	**ug/L**
Vinyl acetate	ND	0.12	ug/L
cis-1,2-Dichloroethene	**0.028**	**0.026**	**ug/L**
2-Butanone (MEK)	ND	0.097	ug/L
Chloroform	**0.15**	**0.032**	**ug/L**
1,1,1-Trichloroethane	ND	0.037	ug/L
Carbon tetrachloride	**0.13**	**0.043**	**ug/L**
Benzene	ND	0.021	ug/L
1,2-Dichloroethane	ND	0.027	ug/L
Trichloroethene	**1.0**	**0.037**	**ug/L**
1,2-Dichloropropane	ND	0.031	ug/L
Bromodichloromethane	ND	0.043	ug/L
cis-1,3-Dichloropropene	ND	0.030	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.14	ug/L
Toluene	ND	0.063	ug/L
trans-1,3-Dichloropropene	ND	0.030	ug/L
1,1,2-Trichloroethane	ND	0.037	ug/L
Tetrachloroethene	ND	0.047	ug/L
2-Hexanone	ND	0.40	ug/L
Dibromochloromethane	ND	0.057	ug/L
1,2-Dibromoethane (EDB)	ND	0.050	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1424

GC/MS Volatiles

Lot-Sample #...: M9I220171-003 Work Order #...: D2Q2N101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.031	ug/L
Ethylbenzene	ND	0.029	ug/L
Xylenes (total)	ND	0.029	ug/L
Styrene	ND	0.028	ug/L
Bromoform	ND	0.070	ug/L
1,1,2,2-Tetrachloroethane	ND	0.047	ug/L
Benzyl chloride	ND	0.17	ug/L
4-Ethyltoluene	ND	0.033	ug/L
1,3,5-Trimethylbenzene	ND	0.033	ug/L
1,2,4-Trimethylbenzene	ND	0.033	ug/L
1,3-Dichlorobenzene	ND	0.040	ug/L
1,4-Dichlorobenzene	ND	0.040	ug/L
1,2-Dichlorobenzene	ND	0.040	ug/L
1,2,4-Trichlorobenzene	ND	0.50	ug/L
Hexachlorobutadiene	ND	0.14	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.12	ug/L

IT CORPORATION

Client Sample ID: 18708-1425

GC/MS Volatiles

Lot-Sample #...: M9I220171-004 Work Order #...: D2Q2Q101 Matrix.....: AIR
Date Sampled...: 09/22/99 08:12 Date Received..: 09/22/99
Prep Date.....: 09/22/99 Analysis Date..: 09/22/99
Prep Batch #...: 9266294 Analysis Time..: 16:14
Dilution Factor: 5
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.050	ug/L
Chloromethane	ND	0.041	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.070	ug/L
Vinyl chloride	ND	0.026	ug/L
Bromomethane	ND	0.039	ug/L
Chloroethane	ND	0.055	ug/L
Trichlorofluoromethane	ND	0.055	ug/L
1,1-Dichloroethene	**3.6**	**0.040**	**ug/L**
Carbon disulfide	ND	0.16	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.6**	**0.075**	**ug/L**
etone	ND	0.12	ug/L
Methylene chloride	ND	0.034	ug/L
trans-1,2-Dichloroethene	ND	0.040	ug/L
1,1-Dichloroethane	ND	0.040	ug/L
Vinyl acetate	ND	0.18	ug/L
cis-1,2-Dichloroethene	ND	0.040	ug/L
2-Butanone (MEK)	ND	0.14	ug/L
Chloroform	ND	0.048	ug/L
1,1,1-Trichloroethane	ND	0.055	ug/L
Carbon tetrachloride	ND	0.065	ug/L
Benzene	ND	0.032	ug/L
1,2-Dichloroethane	ND	0.040	ug/L
Trichloroethene	ND	0.055	ug/L
1,2-Dichloropropane	ND	0.046	ug/L
Bromodichloromethane	ND	0.065	ug/L
cis-1,3-Dichloropropene	ND	0.046	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.20	ug/L
Toluene	ND	0.094	ug/L
trans-1,3-Dichloropropene	ND	0.046	ug/L
1,1,2-Trichloroethane	ND	0.055	ug/L
Tetrachloroethene	ND	0.070	ug/L
2-Hexanone	ND	0.60	ug/L
Dibromochloromethane	ND	0.085	ug/L
1,2-Dibromoethane (EDB)	ND	0.075	ug/L

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IT CORPORATION

Client Sample ID: 18708-1425

GC/MS Volatiles

Lot-Sample #...: M9I220171-004 **Work Order #...:** D2Q2Q101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.046	ug/L
Ethylbenzene	ND	0.044	ug/L
Xylenes (total)	ND	0.044	ug/L
Styrene	ND	0.042	ug/L
Bromoform	ND	0.10	ug/L
1,1,2,2-Tetrachloroethane	ND	0.070	ug/L
Benzyl chloride	ND	0.26	ug/L
4-Ethyltoluene	ND	0.049	ug/L
1,3,5-Trimethylbenzene	ND	0.049	ug/L
1,2,4-Trimethylbenzene	ND	0.049	ug/L
1,3-Dichlorobenzene	ND	0.060	ug/L
1,4-Dichlorobenzene	ND	0.060	ug/L
1,2-Dichlorobenzene	ND	0.060	ug/L
1,2,4-Trichlorobenzene	ND	0.75	ug/L
Hexachlorobutadiene	ND	0.22	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.18	ug/L

COMPLETED NW office

Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

24SVE15-42 days 218465

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID: 49J060185	LABORATORY CONTACT: Quanterra	MAIL REPORT (COMPANY NAME): IT
PROJECT NAME: El Toro-D0105	PROJECT LOCATION: MCAS El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: —	REPORT NAME: Duayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: 949-451-1667	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. Grand		ADDRESS: 3347 Michelson, Suite 200
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWP/V	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE AND ZIPCODE: Irvine, CA
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-660-5446	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Contingent-HOLD	Comments: Analyze "A" Pos First
1	18708-1436	vapor	10-6	0759	-	2	3	5day	X		
2	18708-1437	vapor	10-6	0804	-	3	3	5day	X		
3	18708-1438	vapor	10-6	0814	-	2	3	24hr	X		
4	18708-1439	vapor	10-6	0819	-	2	3	24hr	X	(X)	Analyze only if 18708-1438 is detected.
5											
6											
7											
8											
9											
10											

SAMPLES COLLECTED BY: L. Bienkowski

COURIER AND AIR BILL NUMBER: COURIER

COOLER TEMPERATURES UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
L. Bienkowski	Frame #1982	10/6/98	10:45	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE15 - 42 day

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE15-Ambient 42 day	X			
2. 24SVE15-Influent 42 day	X			
3. 24SVE15-Midpoint 42 day	X			
4. 24SVE15-Effluent 42 day	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

IT CORPORATION

Client Sample ID: 18708-1436

GC/MS Volatiles

Lot-Sample #...: M9J060185-001 **Work Order #...:** D3AL1102 **Matrix.....:** AIR
Date Sampled...: 10/06/99 07:59 **Date Received..:** 10/06/99
Prep Date.....: 10/06/99 **Analysis Date..:** 10/06/99
Prep Batch #...: 9280186 **Analysis Time..:** 16:56
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1436

GC/MS Volatiles

Lot-Sample #...: M9J060185-001 **Work Order #...:** D3AL1102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1437

GC/MS Volatiles

Lot-Sample #...: M9J060185-002 **Work Order #...:** D3AL9102 **Matrix.....:** AIR
Date Sampled...: 10/06/99 08:04 **Date Received..:** 10/06/99
Prep Date.....: 10/06/99 **Analysis Date..:** 10/06/99
Prep Batch #...: 9280186 **Analysis Time..:** 17:26
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	**2.1**	**2.0**	**ppb(v/v)**
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**39**	**2.0**	**ppb(v/v)**
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	**200**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	**2.5**	**2.0**	**ppb(v/v)**
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**200**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**4.7**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1437

GC/MS Volatiles

Lot-Sample #...: M9J060185-002 **Work Order #...:** D3AL9102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

OCT 12'99 15:31 FR QUANTERRA-SANTA ANA 714 258 0921 TO 19494755433 P.06

IT CORPORATION

Client Sample ID: 18708-1438

GC/MS Volatiles

Lot-Sample #...: M9J060185-003 Work Order #...: D3ALH102 Matrix.....: AIR
Date Sampled...: 10/06/99 08:14 Date Received..: 10/06/99
Prep Date.....: 10/06/99 Analysis Date..: 10/06/99
Prep Batch #...: 9280186 Analysis Time..: 15:49
Dilution Factor: 3.33
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	6.7	ppb(v/v)
Chloromethane	ND	13	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	6.7	ppb(v/v)
Vinyl chloride	ND	6.7	ppb(v/v)
Bromomethane	ND	6.7	ppb(v/v)
Chloroethane	ND	13	ppb(v/v)
Trichlorofluoromethane	ND	6.7	ppb(v/v)
1,1-Dichloroethene	**74**	**6.7**	**ppb(v/v)**
Carbon disulfide	ND	33	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**100**	**6.7**	**ppb(v/v)**
Acetone	ND	33	ppb(v/v)
Methylene chloride	ND	6.7	ppb(v/v)
trans-1,2-Dichloroethene	ND	6.7	ppb(v/v)
1,1-Dichloroethane	ND	6.7	ppb(v/v)
Vinyl acetate	ND	33	ppb(v/v)
cis-1,2-Dichloroethene	**7.6**	**6.7**	**ppb(v/v)**
2-Butanone (MEK)	ND	33	ppb(v/v)
Chloroform	**73**	**6.7**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	6.7	ppb(v/v)
Carbon tetrachloride	**54**	**6.7**	**ppb(v/v)**
Benzene	ND	6.7	ppb(v/v)
1,2-Dichloroethane	ND	6.7	ppb(v/v)
Trichloroethene	**790**	**6.7**	**ppb(v/v)**
1,2-Dichloropropane	ND	6.7	ppb(v/v)
Bromodichloromethane	ND	6.7	ppb(v/v)
cis-1,3-Dichloropropene	ND	6.7	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	33	ppb(v/v)
Toluene	ND	17	ppb(v/v)
trans-1,3-Dichloropropene	ND	6.7	ppb(v/v)
1,1,2-Trichloroethane	ND	6.7	ppb(v/v)
Tetrachloroethene	ND	6.7	ppb(v/v)
2-Hexanone	ND	100	ppb(v/v)
Dibromochloromethane	ND	6.7	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	6.7	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1438

GC/MS Volatiles

Lot-Sample #...: M9J060185-003 Work Order #...: D3ALH102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	6.7	ppb(v/v)
Ethylbenzene	ND	6.7	ppb(v/v)
Xylenes (total)	ND	6.7	ppb(v/v)
Styrene	ND	6.7	ppb(v/v)
Bromoform	ND	6.7	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	6.7	ppb(v/v)
Benzyl chloride	ND	33	ppb(v/v)
4-Ethyltoluene	ND	6.7	ppb(v/v)
1,3,5-Trimethylbenzene	ND	6.7	ppb(v/v)
1,2,4-Trimethylbenzene	ND	6.7	ppb(v/v)
1,3-Dichlorobenzene	ND	6.7	ppb(v/v)
1,4-Dichlorobenzene	ND	6.7	ppb(v/v)
1,2-Dichlorobenzene	ND	6.7	ppb(v/v)
1,2,4-Trichlorobenzene	ND	67	ppb(v/v)
Hexachlorobutadiene	ND	13	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	33	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1439

GC/MS Volatiles

Lot-Sample #...: M9J060185-004 Work Order #...: D3ALK102 Matrix.....: AIR
Date Sampled...: 10/06/99 08:19 Date Received..: 10/06/99
Prep Date.....: 10/06/99 Analysis Date..: 10/06/99
Prep Batch #...: 9280186 Analysis Time..: 16:28
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	**290**	**2.0**	**ppb(v/v)**
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**200**	**2.0**	**ppb(v/v)**
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	**3.3**	**2.0**	**ppb(v/v)**
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	**2.1**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	**19**	**2.0**	**ppb(v/v)**
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**6.4**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	**25**	**5.0**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1439

GC/MS Volatiles

Lot-Sample #...: M9J060185-004 Work Order #...: D3ALK102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	6.0	2.0	ppb(v/v)
Xylenes (total)	29	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	8.8	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	2.9	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	9.3	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	55	10	ppb(v/v)

OCT 7'99 15:37 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.06

IT CORPORATION

Client Sample ID: 18708-1436

GC/MS Volatiles

Lot-Sample #...: M9J060185-001 Work Order #...: D3AL1101 Matrix.....: AIR
Date Sampled...: 10/06/99 07:59 Date Received..: 10/06/99
Prep Date.....: 10/06/99 Analysis Date..: 10/06/99
Prep Batch #...: 9280185 Analysis Time..: 16:56
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1436

GC/MS Volatiles

Lot-Sample #...: M9J060185-001 **Work Order #...:** D3AL1101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

OCT 12'99 15:32 FR QUANTERRA-SANTA ANA 714 258 0921 TO 19494755433 P.08

IT CORPORATION

Client Sample ID: 18708-1437

GC/MS Volatiles

Lot-Sample #...: M9J060185-002 Work Order #...: D3AL9101 Matrix.....: AIR
Date Sampled...: 10/06/99 08:04 Date Received..: 10/06/99
Prep Date.....: 10/06/99 Analysis Date..: 10/06/99
Prep Batch #...: 9280185 Analysis Time..: 17:26
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	**0.0083**	**0.0079**	**ug/L**
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.30**	**0.015**	**ug/L**
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	**0.98**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	**0.016**	**0.013**	**ug/L**
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**1.1**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.032**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1437

GC/MS Volatiles

Lot-Sample #...: M9J060185-002 Work Order #...: D3AL9101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1438

GC/MS Volatiles

Lot-Sample #...: M9J060185-003 Work Order #...: D3ALH101 Matrix.....: AIR
Date Sampled...: 10/06/99 08:14 Date Received..: 10/06/99
Prep Date.....: 10/06/99 Analysis Date..: 10/06/99
Prep Batch #...: 9280185 Analysis Time..: 15:49
Dilution Factor: 3.33
Analyst ID.....: 007319 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.033	ug/L
Chloromethane	ND	0.027	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.047	ug/L
Vinyl chloride	ND	0.017	ug/L
Bromomethane	ND	0.026	ug/L
Chloroethane	ND	0.037	ug/L
Trichlorofluoromethane	ND	0.037	ug/L
1,1-Dichloroethene	**0.29**	**0.026**	**ug/L**
Carbon disulfide	ND	0.10	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.77**	**0.050**	**ug/L**
Acetone	ND	0.080	ug/L
Methylene chloride	ND	0.023	ug/L
trans-1,2-Dichloroethene	ND	0.026	ug/L
1,1-Dichloroethane	ND	0.027	ug/L
Vinyl acetate	ND	0.12	ug/L
cis-1,2-Dichloroethene	**0.030**	**0.026**	**ug/L**
2-Butanone (MEK)	ND	0.097	ug/L
Chloroform	**0.36**	**0.032**	**ug/L**
1,1,1-Trichloroethane	ND	0.037	ug/L
Carbon tetrachloride	**0.34**	**0.043**	**ug/L**
Benzene	ND	0.021	ug/L
1,2-Dichloroethane	ND	0.027	ug/L
Trichloroethene	**4.2**	**0.037**	**ug/L**
1,2-Dichloropropane	ND	0.031	ug/L
Bromodichloromethane	ND	0.043	ug/L
cis-1,3-Dichloropropene	ND	0.030	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.14	ug/L
Toluene	ND	0.063	ug/L
trans-1,3-Dichloropropene	ND	0.030	ug/L
1,1,2-Trichloroethane	ND	0.037	ug/L
Tetrachloroethene	ND	0.047	ug/L
2-Hexanone	ND	0.40	ug/L
Dibromochloromethane	ND	0.057	ug/L
1,2-Dibromoethane (EDB)	ND	0.050	ug/L

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IT CORPORATION

Client Sample ID: 18708-1438

GC/MS Volatiles

Lot-Sample #...: M9J060185-003 Work Order #...: D3ALH101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.031	ug/L
Ethylbenzene	ND	0.029	ug/L
Xylenes (total)	ND	0.029	ug/L
Styrene	ND	0.028	ug/L
Bromoform	ND	0.070	ug/L
1,1,2,2-Tetrachloroethane	ND	0.047	ug/L
Benzyl chloride	ND	0.17	ug/L
4-Ethyltoluene	ND	0.033	ug/L
1,3,5-Trimethylbenzene	ND	0.033	ug/L
1,2,4-Trimethylbenzene	ND	0.033	ug/L
1,3-Dichlorobenzene	ND	0.040	ug/L
1,4-Dichlorobenzene	ND	0.040	ug/L
1,2-Dichlorobenzene	ND	0.040	ug/L
1,2,4-Trichlorobenzene	ND	0.50	ug/L
Hexachlorobutadiene	ND	0.14	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.12	ug/L

IT CORPORATION

Client Sample ID: 18708-1439

GC/MS Volatiles

Lot-Sample #...: M9J060185-004 **Work Order #...:** D3ALK101 **Matrix.....:** AIR
Date Sampled...: 10/06/99 08:19 **Date Received..:** 10/06/99
Prep Date.....: 10/06/99 **Analysis Date..:** 10/06/99
Prep Batch #...: 9280185 **Analysis Time..:** 16:28
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	**1.1**	**0.0079**	**ug/L**
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.5**	**0.015**	**ug/L**
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	**0.013**	**0.0081**	**ug/L**
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	**0.010**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	**0.061**	**0.0064**	**ug/L**
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**0.034**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	**0.095**	**0.019**	**ug/L**
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1439

GC/MS Volatiles

Lot-Sample #...: M9J060185-004 Work Order #...: D3ALK101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	0.026	0.0087	ug/L
Xylenes (total)	0.13	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	0.043	0.0098	ug/L
1,3,5-Trimethylbenzene	0.014	0.0098	ug/L
1,2,4-Trimethylbenzene	0.045	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	0.20	0.036	ug/L

COMPLETED

Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
217101
FORM 0019 REV. 2-97

24SVE 15A/B 4hr.

LAB COORDINATOR: L. Brinkowski	LAB COORDINATOR'S PHONE: 949-660-1537	LAB COORDINATOR'S FAX: 949-475-2433	LABORATORY SERVICE ID: M9H270197	LABORATORY CONTACT: Quantiva	MAIL REPORT (COMPANY NAME): IT Group
PROJECT NAME: ET Toro-D065	PROJECT LOCATION: ET Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 801-590-7878	LABORATORY FAX:	RECIPIENT NAME: Dwayne Iskuka
PROJECT CONTACT: L. Brinkowski	PROJECT PHONE NUMBER:	PROJECT FAX:	LABORATORY ADDRESS: 1771 S. Grand Ave.	ADDRESS: 3347 Michelson #220	
PROJECT ADDRESS:	CITY, STATE AND ZIPCODE:	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA	CITY, STATE AND ZIPCODE: Irvine, CA 92612	
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-261-1666	PROJECT MANAGER'S FAX:			

24SVE 15A/B 4hr

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Comments: Analyze "A" first
1	18708-1371	Vapor	8-26	1500	—	3	II	5day	X	
2	18708-1372	Vapor	8-26	1505	—	3	II	5day	X	
3										
4										
5										
6										
7										
8										
9										
10										

W.S. 8-26-99

SAMPLES COLLECTED BY: Wayne Vernon
COURIER AND AIR BILL NUMBER: Courier
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Wayne Vernon	[illegible]	8/26/99		

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE 15A/B 4hr

Sample Point Location	Sample Type: G	C	F	QC
1. 24SVE15 A-influent 4hr	X			
2. ~~24SVE15~~ B-influent 4hr	X			

24SVE15B

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

341100581

IT CORPORATION

Client Sample ID: 18708-1371

GC/MS Volatiles

Lot-Sample #...: M9H270197-001 **Work Order #...:** D1TAK102 **Matrix.....:** AIR
Date Sampled...: 08/26/99 15:00 **Date Received..:** 08/26/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9243404 **Analysis Time..:** 11:08
Dilution Factor: 1
Analyst ID.....: 117751 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**7.4**	**2.0**	**ppb(v/v)**
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	**160**	**10**	**ppb(v/v)**
Chloroform	**4.5**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**3.1**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1371

GC/MS Volatiles

Lot-Sample #...: M9H270197-001 Work Order #...: D1TAK102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1372

GC/MS Volatiles

Lot-Sample #...: M9H270197-002 Work Order #...: D1TAM102 Matrix.....: AIR
Date Sampled...: 08/26/99 15:05 Date Received..: 08/26/99
Prep Date.....: 08/27/99 Analysis Date..: 08/27/99
Prep Batch #...: 9243404 Analysis Time..: 10:39
Dilution Factor: 1
Analyst ID.....: 117751 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.8**	**2.0**	**ppb(v/v)**
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	**110**	**10**	**ppb(v/v)**
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	**4.2**	**2.0**	**ppb(v/v)**
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1372

GC/MS Volatiles

Lot-Sample #...: M9H270197-002 **Work Order #...:** D1TAM102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	**2.1**	**2.0**	**ppb(v/v)**
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1371

GC/MS Volatiles

Lot-Sample #...: M9H270197-001 **Work Order #...:** D1TAK101 **Matrix.....:** AIR
Date Sampled...: 08/26/99 15:00 **Date Received..:** 08/26/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9243405 **Analysis Time..:** 11:08
Dilution Factor: 1
Analyst ID.....: 117751 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.056**	**0.015**	**ug/L**
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	**0.46**	**0.029**	**ug/L**
Chloroform	**0.022**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**0.017**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1371

GC/MS Volatiles

Lot-Sample #...: M9H270197-001 Work Order #...: D1TAK101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

SEP 1'99 12:34 FR QUANTERRA-SANTA ANA 714 558 0921 TO IT GROUP IRVINE P.08

IT CORPORATION

Client Sample ID: 18708-1372

GC/MS Volatiles

Lot-Sample #...: M9H270197-002 **Work Order #...:** D1TAM101 **Matrix.....:** AIR
Date Sampled...: 08/26/99 15:05 **Date Received..:** 08/26/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9243405 **Analysis Time..:** 10:39
Dilution Factor: 1
Analyst ID.....: 117751 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.021**	**0.015**	**ug/L**
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	**0.31**	**0.029**	**ug/L**
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	**0.014**	**0.0064**	**ug/L**
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1372

GC/MS Volatiles

Lot-Sample #...: M9H270197-002 **Work Order #...:** D1TAM101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	0.0093	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

COMPLETED 7-97

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222583

24SVE15 A/B - 24hr

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-475-2433	LABORATORY SERVICE ID: M9H270284	LABORATORY CONTACT: Quantara	MAIL REPORT (COMPANY NAME): IT Group
PROJECT NAME: El Toro - D065	PROJECT LOCATION: El Toro - CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 904-590-1878	LABORATORY FAX: —	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: —	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. Grand Ave.		ADDRESS: 3347 Michelson #200
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA 92612
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-261-1661	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Comments
1	18708-1378	Vapor	8-27	1045	—	3	III	5day	X	Analyze bag "H" first
2	18708-1379	Vapor	8-27	1046	—	2	IV	5day	X	
3	18708-1380	Vapor	8-27	1050	—	3	III	5day	X	
4										
5										
6										
7										
8										
9										
10										

WS 8-27-99

SAMPLES COLLECTED BY: Wayne Jefferson
COURIER AND AIR BILL NUMBER: Courier
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Wayne Jeff	[illegible]	8/27/99		

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE15 A/B -24hr

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE15A/B Influent -24hr	X			
2. 24SVE15A/B Influent - Dup 24hr	X			X
3. 24SVE15A/B Influent-24hr	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34100620

IT CORPORATION

Client Sample ID: 18708-1378

GC/MS Volatiles

Lot-Sample #...: M9H270284-001 **Work Order #...:** D1TXV102 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:45 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242356 **Analysis Time..:** 17:08
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**5.3**	**2.0**	**ppb(v/v)**
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	**2.4**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**2.2**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1378

GC/MS Volatiles

Lot-Sample #...: M9H270284-001 **Work Order #...:** D1TXV102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1379

GC/MS Volatiles

Lot-Sample #...: M9H270284-002 **Work Order #...:** D1TXW102 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:46 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242356 **Analysis Time..:** 17:45
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**3.8**	**2.0**	**ppb(v/v)**
cetone	ND	10	ppb(v/v)
ethylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1379

GC/MS Volatiles

Lot-Sample #...: M9H270284-002 **Work Order #...:** D1TXW102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1380

GC/MS Volatiles

Lot-Sample #...: M9H270284-003 **Work Order #...:** D1V00102 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:50 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242356 **Analysis Time..:** 18:14
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
:etone	ND	10	ppb(v/v)
ethylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1380

GC/MS Volatiles

Lot-Sample #...: M9H270284-003 **Work Order #...:** D1V00102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1378

GC/MS Volatiles

Lot-Sample #...: M9H270284-001 **Work Order #...:** D1TXV101 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:45 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242357 **Analysis Time..:** 17:08
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.041**	**0.015**	**ug/L**
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	**0.012**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**0.012**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1378

GC/MS Volatiles

Lot-Sample #...: M9H270284-001 **Work Order #...:** D1TXV101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1379

GC/MS Volatiles

Lot-Sample #...: M9H270284-002 **Work Order #...:** D1TXW101 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:46 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242357 **Analysis Time..:** 17:45
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.029**	**0.015**	**ug/L**
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1379

GC/MS Volatiles

Lot-Sample #...: M9H270284-002 **Work Order #...:** D1TXW101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1380

GC/MS Volatiles

Lot-Sample #...: M9H270284-003 **Work Order #...:** D1V00101 **Matrix.....:** AIR
Date Sampled...: 08/27/99 10:50 **Date Received..:** 08/27/99
Prep Date.....: 08/27/99 **Analysis Date..:** 08/27/99
Prep Batch #...: 9242357 **Analysis Time..:** 18:14
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1380

GC/MS Volatiles

Lot-Sample #...: M9H270284-003 **Work Order #...:** D1V00101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

OHM ES II SI

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

2/5VE15A/B-5day 222584

FORM 0019 REV. 2-97

CHEM LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 919-660-2537	LAB COORDINATOR'S FAX: 919-475-5433	LABORATORY SERVICE ID: MAH310166	LABORATORY CONTACT: Quontura	MAIL REPORT (COMPANY NAME): IT
PROJECT NAME: PCAS ETWO-D068	PROJECT LOCATION: MCAS El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-256-8610	LABORATORY FAX: —	RECIPIENT NAME: Duayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: 919-451-1665	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. Grand	ADDRESS: 3347 Michelson, Suite 200	
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA	CITY, STATE AND ZIPCODE: Irvine, CA	
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 919-660-5446	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T	Analyses TO-14	Comments
1	18708-1385	vapor	8/31	0920	—	3	3	5day	X	
2	18708-1386	vapor	8/31	0924	—	3	3	5day	X	
3										
4										
5										
6										
7										
8										
9										
10										

SAMPLES COLLECTED BY: Lisa Bienkowski

COURIER AND AIR BILL NUMBER: COURIER

COOLER TEMPERATURES UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Lisa Bienkowski	[illegible]	8/31/98	1040	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

2/5VE15 5day

Sample Point Location	Sample Type G	C	F	QC
1. 2/5VE15A Influent 5day	X			
2. 2/5VE15B Influent 5day	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34100630

IT CORPORATION

Client Sample ID: 18708-1385

GC/MS Volatiles

Lot-Sample #...: M9H310166-001 **Work Order #...:** D1XNA102 **Matrix.....:** AIR
Date Sampled...: 08/31/99 09:20 **Date Received..:** 08/31/99
Prep Date.....: 08/31/99 **Analysis Date..:** 08/31/99
Prep Batch #...: 9244273 **Analysis Time..:** 15:22
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**6.8**	**2.0**	**ppb(v/v)**
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	**4.6**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**5.4**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1385

GC/MS Volatiles

Lot-Sample #...: M9H310166-001 **Work Order #...:** D1XNA102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1386

GC/MS Volatiles

Lot-Sample #...: M9H310166-002 **Work Order #...:** D1XND102 **Matrix.....:** AIR
Date Sampled...: 08/31/99 09:24 **Date Received..:** 08/31/99
Prep Date.....: 08/31/99 **Analysis Date..:** 08/31/99
Prep Batch #...: 9244273 **Analysis Time..:** 16:56
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1386

GC/MS Volatiles

Lot-Sample #...: M9H310166-002 **Work Order #...:** D1XND102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

SEP 7'99 16:29 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.06

IT CORPORATION

Client Sample ID: 18708-1385

GC/MS Volatiles

Lot-Sample #...: M9H310166-001 **Work Order #...:** D1XNA101 **Matrix.....:** AIR
Date Sampled...: 08/31/99 09:20 **Date Received..:** 08/31/99
Prep Date.....: 08/31/99 **Analysis Date..:** 08/31/99
Prep Batch #...: 9244291 **Analysis Time..:** 15:22
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.052**	**0.015**	**ug/L**
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	**0.023**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**0.029**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1385

GC/MS Volatiles

Lot-Sample #...: M9H310166-001 Work Order #...: D1KNA101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

SEP 7'99 16:29 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.08

IT CORPORATION

Client Sample ID: 18708-1386

GC/MS Volatiles

Lot-Sample #...: M9H310166-002 **Work Order #...:** D1XND101 **Matrix.....:** AIR
Date Sampled...: 08/31/99 09:24 **Date Received..:** 08/31/99
Prep Date.....: 08/31/99 **Analysis Date..:** 08/31/99
Prep Batch #...: 9244291 **Analysis Time..:** 16:56
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1386

GC/MS Volatiles

Lot-Sample #...: M9H310166-002 **Work Order #...:** D1XND101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

GW/WTLL 1 LD 1997

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

245VE15/AB-7day 218462

FORM 0019 REV. 2-97

OHM LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-1060-7537	LAB COORDINATOR'S FAX: 949-475-5133	LABORATORY SERVICE ID: M9L020166	LABORATORY CONTACT: Quantera	MAIL REPORT (COMPANY NAME): IT
PROJECT NAME: MASE/Toro	PROJECT LOCATION: El Toro - D065	PROJECT NUMBER: 187708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: —	RESIDENT NAME: Duwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: 805-986-0023	PROJECT FAX: —	LABORATORY ADDRESS: 1221 Grand		ADDRESS: 3347 Michelson
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-1060-5446	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date (1999)	Time	Preserved	# of Cont.	QC Level	T.A.T	Analyses TO-14	Comments
1	187708-1392	V	9-2	0849	—	3	3	5day	X	
2	187708-1393	V	9-2	0850	—	2	4	5day	X	
3	187708-1394	V	9-2	0850	—	3	3	5day	X	
4										
5										
6										
7										
8										
9										
10										

Bagela

SAMPLES COLLECTED BY:	COURIER AND AIR BILL NUMBER: CARRIER			COOLER TEMPERATURE UPON RECEIPT:
RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
		9/2/99	945	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

245VE15A/B 7day

Sample Point Location	Sample Type G	C	F	Q
1. 245VE15A Influent 7day	X			
2. 245VE15A Influent 7day (DUP)	X			X
3. 245VE15B Influent 7day	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34/00626

IT CORPORATION

Client Sample ID: 18708-1392

GC/MS Volatiles

Lot-Sample #...: M9I020166-001 **Work Order #...:** D22HP102 **Matrix.....:** AIR
Date Sampled...: 09/02/99 08:49 **Date Received..:** 09/02/99
Prep Date.....: 09/02/99 **Analysis Date..:** 09/02/99
Prep Batch #...: 9250331 **Analysis Time..:** 18:10
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**6.1**	**2.0**	**ppb(v/v)**
:etone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	**5.3**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**5.3**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	**7.0**	**5.0**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**2.1**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1392

GC/MS Volatiles

Lot-Sample #...: M9I020166-001 Work Order #...: D22HP102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1393

GC/MS Volatiles

Lot-Sample #...: M9I020166-002 Work Order #...: D22HT102 Matrix.....: AIR
Date Sampled...: 09/02/99 08:50 Date Received..: 09/02/99
Prep Date.....: 09/02/99 Analysis Date..: 09/02/99
Prep Batch #...: 9250331 Analysis Time..: 18:41
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**5.7**	**2.0**	**ppb(v/v)**
:tone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	**4.5**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**3.8**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	**6.4**	**5.0**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1393

GC/MS Volatiles

Lot-Sample #...: M9I020166-002 **Work Order #...:** D22HT102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

SEP 9'99 14:26 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.06

IT CORPORATION

Client Sample ID: 18708-1394

GC/MS Volatiles

Lot-Sample #...: M9I020166-003 Work Order #...: D22HW102 Matrix.....: AIR
Date Sampled...: 09/02/99 08:56 Date Received..: 09/02/99
Prep Date.....: 09/02/99 Analysis Date..: 09/02/99
Prep Batch #...: 9250331 Analysis Time..: 19:09
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1394

GC/MS Volatiles

Lot-Sample #...: M9I020166-003 Work Order #...: D22HW102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

SEP 9'99 14:27 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.08

IT CORPORATION

Client Sample ID: 18708-1392

GC/MS Volatiles

Lot-Sample #...: M9I020166-001 Work Order #...: D22HP101 Matrix.....: AIR
Date Sampled...: 09/02/99 08:49 Date Received..: 09/02/99
Prep Date.....: 09/02/99 Analysis Date..: 09/02/99
Prep Batch #...: 9250333 Analysis Time..: 18:10
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.047**	**0.015**	**ug/L**
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	**0.026**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**0.029**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	**0.027**	**0.019**	**ug/L**
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.014**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1392

GC/MS Volatiles

Lot-Sample #...: M9I020166-001 Work Order #...: D22HP101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1393

GC/MS Volatiles

Lot-Sample #...: M9I020166-002 Work Order #...: D22HT101 Matrix.....: AIR
Date Sampled...: 09/02/99 08:50 Date Received..: 09/02/99
Prep Date.....: 09/02/99 Analysis Date..: 09/02/99
Prep Batch #...: 9250333 Analysis Time..: 18:41
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.044**	**0.015**	**ug/L**
tone	ND	0.024	ug/L
hylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	**0.022**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**0.021**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	**0.024**	**0.019**	**ug/L**
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1393

GC/MS Volatiles

Lot-Sample #...: M9I020166-002 **Work Order #...:** D22HT101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1394

GC/MS Volatiles

Lot-Sample #...: M9I020166-003 Work Order #...: D22HW101 Matrix.....: AIR
Date Sampled...: 09/02/99 08:56 Date Received..: 09/02/99
Prep Date.....: 09/02/99 Analysis Date..: 09/02/99
Prep Batch #...: 9250333 Analysis Time..: 19:09
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1394

GC/MS Volatiles

Lot-Sample #...: M9I020166-003 **Work Order #...:** D22HW101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

COMPLETED 1/20/99

HM Remediation Services Corp
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

2HSVE15A/B - 14 day

LABORATORY COPY 222593

FORM 0069 REV. 2-97

CHM LAB COORDINATOR: L Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID	LABORATORY CONTACT: Quantera	MAIL REPORT (COMPANY NAME): JIT
PROJECT NAME: El Toro-D065	PROJECT LOCATION: TCA3 El Toro, CA	PROJECT NUMBER: 185708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: —	RECEIPT NAME: Duane Jehda
PROJECT CONTACT: L Bienkowski	PROJECT MGR. PHONE: 949-451-1665	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. Grand	ADDRESS: 3947 Midway	
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA	CITY, STATE AND ZIPCODE: Irvine, CA	
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-660-7537	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: 8-14							Comments
1	185708-1407	vapor	9-8	0730	—	3	III	5day	X							
2	185708-1408	vapor	9-8	0735	—	3	III	5day	X							
3																
4																
5																
6																
7																
8																
9																
10																

W.S. 9/8/99

SAMPLES COLLECTED BY:	ORDERED AND AUTHORIZED BY:	ORDER TRANSMITTED UPON RECEIPT:
W. Jefferson	Owner	

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLES CONDITION UPON RECEIPT
Way-Yen Jeff		9/10/99		

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

2HSVE15A/B
14 day

Sample Point Location	Sample Type: G	C	F	QC
1. 2HSVE15A Effluent 14 day	X			
2. 2HSVE15B Effluent 14 day	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

SEP. 8. 1999 9:08AM NO. 1736 P. 4

IT CORPORATION

Client Sample ID: 18708-1407

GC/MS Volatiles

Lot-Sample #...: M9I080254-001 **Work Order #...:** D27QW102 **Matrix.....:** AIR
Date Sampled...: 09/08/99 07:30 **Date Received..:** 09/08/99
Prep Date.....: 09/09/99 **Analysis Date..:** 09/09/99
Prep Batch #...: 9254109 **Analysis Time..:** 16:50
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**3.1**	**2.0**	**ppb(v/v)**
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	**5.2**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**3.8**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1407

GC/MS Volatiles

Lot-Sample #...: M9I080254-001 **Work Order #...:** D27QW102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1408

GC/MS Volatiles

Lot-Sample #...: M9I080254-002 **Work Order #...:** D27QX102 **Matrix.....:** AIR
Date Sampled...: 09/08/99 07:35 **Date Received..:** 09/08/99
Prep Date.....: 09/09/99 **Analysis Date..:** 09/09/99
Prep Batch #...: 9254109 **Analysis Time..:** 16:22
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1408

GC/MS Volatiles

Lot-Sample #...: M9I080254-002 **Work Order #...:** D27QX102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1407

GC/MS Volatiles

Lot-Sample #...: M9I080254-001 **Work Order #...:** D27QW101 **Matrix.....:** AIR
Date Sampled...: 09/08/99 07:30 **Date Received..:** 09/08/99
Prep Date.....: 09/09/99 **Analysis Date..:** 09/09/99
Prep Batch #...: 9254110 **Analysis Time..:** 16:50
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.024**	**0.015**	**ug/L**
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	**0.025**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**0.021**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1407

GC/MS Volatiles

Lot-Sample #...: M9I080254-001 **Work Order #...:** D27QW101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1408

GC/MS Volatiles

Lot-Sample #...: M9I080254-002 Work Order #...: D27QX101 Matrix.....: AIR
Date Sampled...: 09/08/99 07:35 Date Received..: 09/08/99
Prep Date.....: 09/09/99 Analysis Date..: 09/09/99
Prep Batch #...: 9254110 Analysis Time..: 16:22
Dilution Factor: 1
Analyst ID.....: 004648 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1408

GC/MS Volatiles

Lot-Sample #...: M9I080254-002 **Work Order #...:** D27QX101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

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OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222596

24SVE15A/B - 21 day

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID:	LABORATORY CONTACT: Quantera	MAIL REPORT (COMPANY NAME): IT
PROJECT NAME: El Toro - D0165	PROJECT LOCATION: NCAS El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8160	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: 949-451-1665	PROJECT FAX:	LABORATORY ADDRESS: 1721 Grand		ADDRESS: 3347 Michelson
PROJECT ADDRESS:	CITY, STATE AND ZIPCODE:	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-660-5446	PROJECT MANAGER'S FAX:			

Analyze by "A" first

Item	Sample Identifier	Matrix	1999 Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Comments
1	18708-1414	Vapor	9-15	0805	—	3	III	5 day	X	
2	18708-1415	Vapor	9-15	0806	—	2	IV	5 day	X	
3	18708-1416	Vapor	9-15	0810	—	3	III	5 day	X	
4										
5										
6										
7										
8										
9										
10										

9-15-99

W.J.

SAMPLES COLLECTED BY: W. Jefferson

COURIER AND AIR BILL NUMBER: Courier

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Wayne Jeff	Frank	9-15	9:25	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE15A/B -21 day

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE15A - ~~Ambient~~ Influent - 21day	X			
2. 24SVE15A - ~~Influent~~ (DUP) - 21day	X			X
3. 24SVE15B - Influent 21day	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34100648

IT CORPORATION

Client Sample ID: 18708-1414

GC/MS Volatiles

Lot-Sample #...: M9I150158-001 Work Order #...: D2FXN102 Matrix.....: AIR
Date Sampled...: 09/15/99 08:05 Date Received..: 09/15/99
Prep Date.....: 09/16/99 Analysis Date..: 09/16/99
Prep Batch #...: 9265343 Analysis Time..: 14:13
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	**4.4**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**2.4**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1414

GC/MS Volatiles

Lot-Sample #...: M9I150158-001 Work Order #...: D2FXN102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

SEP 22'99 16:57 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.04

IT CORPORATION

Client Sample ID: 18708-1415

GC/MS Volatiles

Lot-Sample #...: M9I150158-002 **Work Order #...:** D2FXQ102 **Matrix.....:** AIR
Date Sampled...: 09/15/99 08:06 **Date Received..:** 09/15/99
Prep Date.....: 09/16/99 **Analysis Date..:** 09/16/99
Prep Batch #...: 9265343 **Analysis Time..:** 15:00
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	**4.0**	**2.0**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1415

GC/MS Volatiles

Lot-Sample #...: M9I150158-002 **Work Order #...:** D2FXQ102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1416

GC/MS Volatiles

Lot-Sample #...: M9I150158-003 Work Order #...: D2FXR102 Matrix.....: AIR
Date Sampled...: 09/15/99 08:10 Date Received..: 09/15/99
Prep Date.....: 09/16/99 Analysis Date..: 09/16/99
Prep Batch #...: 9265343 Analysis Time..: 15:33
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
etone	ND	10	ppb(v/v)
thylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1416

GC/MS Volatiles

Lot-Sample #...: M9I150158-003 Work Order #...: D2FXR102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1414

GC/MS Volatiles

Lot-Sample #...: M9I150158-001 **Work Order #...:** D2FXN101 **Matrix.....:** AIR
Date Sampled...: 09/15/99 08:05 **Date Received..:** 09/15/99
Prep Date.....: 09/16/99 **Analysis Date..:** 09/16/99
Prep Batch #...: 9265342 **Analysis Time..:** 14:13
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
etone	ND	0.024	ug/L
thylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	**0.021**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**0.013**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1414

GC/MS Volatiles

Lot-Sample #...: M9I150158-001 **Work Order #...:** D2FXN101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1415

GC/MS Volatiles

Lot-Sample #...:	M9I150158-002	**Work Order #...:**	D2FXQ101	**Matrix.....:**	AIR
Date Sampled...:	09/15/99 08:06	**Date Received..:**	09/15/99		
Prep Date.....:	09/16/99	**Analysis Date..:**	09/16/99		
Prep Batch #...:	9265342	**Analysis Time..:**	15:00		
Dilution Factor:	1				
Analyst ID.....:	007319	**Instrument ID..:**	MSA		
		Method.....:	EPA-19 TO-14		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
'etone	ND	0.024	ug/L
thylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	**0.020**	**0.0097**	**ug/L**
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1415

GC/MS Volatiles

Lot-Sample #...: M9I150158-002 **Work Order #...:** D2FXQ101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1416

GC/MS Volatiles

Lot-Sample #...: M9I150158-003 Work Order #...: D2FXR101 Matrix.....: AIR
Date Sampled...: 09/15/99 08:10 Date Received..: 09/15/99
Prep Date.....: 09/16/99 Analysis Date..: 09/16/99
Prep Batch #...: 9265342 Analysis Time..: 15:33
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
[illegible]tone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1416

GC/MS Volatiles

Lot-Sample #...: M9I150158-003 Work Order #...: D2FXR101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

SEP 22'99 16:59 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.14

COMPLETED 7/8/99

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

217081

24SVE24 24SVE18 - 4hr

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID: M9B190173	LABORATORY CONTACT: Quintana	MAIL REPORT (COMPANY NAME): IT Corp
PROJECT NAME: El Toro-DR65	PROJECT LOCATION: El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 904-590-1828	LABORATORY FAX:	RECIPIENT NAME: Duwine Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER:	PROJECT FAX:	LABORATORY ADDRESS: 1921 S. Grand	ADDRESS: 3341 Michelson #200	
PROJECT ADDRESS:	CITY, STATE AND ZIPCODE:	CLIENT: SWRIV	CITY, STATE AND ZIPCODE: Santa Ana, CA	CITY, STATE AND ZIPCODE: Irvine, CA	
PROJECT MANAGER: G. Selak	PROJECT MANAGER'S PHONE: 949-261-6441	PROJECT MANAGER'S FAX:			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: Carbon-dioxide-tank	Comments
1	18708-1307	Vapor	7-19	1334	—	2	III	5day	X		Analyze A first
2	18708-1308	Vapor	7-19	1340	—	3	III	5day	X		
3	18708-1309	Vapor	7-19	1348	—	2	III	24hr	X		
4	18708-1310	Vapor	7-19	1341	—	2	III	24hr	X	X	Analyze only if 18708-1309 is detected.
5											
6											
7											
8											
9											
10											

7/19/99

SAMPLES COLLECTED BY: Way-Lynn Jefferson

COURIER AND AIR BILL NUMBER: Courier

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Way-Lynn Jefferson	Frank B 15182	7/19/99	[illegible]	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE18-4hr SVE24

Sample Point Location	G	C	F	QC
~~18708-1307~~ Ambient 24SVE18 4hr	X			X
~~18708-1308~~ Influent 24SVE18 4hr	X			
~~18708-1309~~ Mid. Pt 24SVE18 4hr	X			
~~18708-1310~~ Effluent 24SVE18 4hr	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34100014

Quanterra Air Toxics Lab

Sample Name:	DO8CJ OHM/IT M9G190173-001	Data Analyzed:	19 Jul 99 19:59
Misc. Info:	500ml 18708-1307 TEDLAR	Method:	MSB0719
Data Name:	B2301.D	Shift Cali.File:	CC07191.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.12	ND	2.00
3) Chloromethane	-0.03	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane	0.06	ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	-0.01	ND	2.00
9) 1,1-Dichloroethene	-0.20	ND	2.00
10) Carbon Disulfid	-0.00	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.07	ND	2.00
12) Acetone	0.00	ND	10.00
13) Methylene Chloride	0.02	ND	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane	-0.03	ND	2.00
16) Vinyl Acetate	-0.32	ND ~~12.38~~ MS,RT	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	0.03	ND	10.00
19) Chloroform	0.16	ND	2.00
20) 1,1,1-Trichloroethane	-0.02	ND	2.00
21) Carbon Tetrachloride	0.07	ND	2.00
23) Benzene	-0.00	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	-0.02	ND	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane	-0.41	ND	2.00
29) c-1,3-Dichloropropene	0.33	ND	2.00
30) 4-Methyl-2-Pentanone	-0.30	ND	10.00
32) Toluene	-0.04	ND	~~2.00~~ 5.0
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	-0.21	ND	2.00
36) Tetrachloroethene	-0.02	ND	2.00
37) 2-Hexanone	-0.27	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene	-0.03	ND	2.00
41) Ethylbenzene	0.04	ND	2.00
42) p,m-Xylene	0.04	ND	2.00
43) o-Xylene	0.05	ND	2.00
44) Styrene	0.02	ND	2.00
45) Bromoform		ND	2.00

JUL 20'99 17:36 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.03

Sample Name:	DO8CJ OHM/IT M9G190173-001	Data Analyzed:	07/19/99 19:59
Misc. Info:	500ml 18708-1307 TEDLAR	Method:	MSB0719
Data Name:	B2301.D	Shift Call.File:	CC07191.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	0.41	ND	2.00
48) Benzyl Chloride	0.03	ND	10.00
49) 4-Ethyl Toluene	0.04	ND	2.00
50) 1,3,5-Trimethylbenzene	0.09	ND	2.00
51) 1,2,4-Trimethylbenzene	-0.06	ND	2.00
52) 1,3-Dichlorobenzene		ND	2.00
53) 1,4-Dichlorobenzene		ND	2.00
54) 1,2-Dichlorobenzene		ND	2.00
55) 1,2,4-Trichlorobenzene	-0.36	ND	20.00
56) Hexachlorobutadiene		ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	278765	295365	OK	7.15	7.10	OK
1,4-Difluorobenzene	705998	743956	OK	8.79	8.75	OK
Chlorobenzene-d5	661125	675958	OK	14.12	14.01	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.73	99.5
Toluene-d8	50	40.57	81.1
4-Bromofluorobenzene	50	50.17	100.3

Comments:

Foot Notes:

1st Review: 7/20/99

2nd Review: LR 7/20/99

JUL 20'99 17:37 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.04

Quanterra Air Toxics Lab

Sample Name:	D08CK-102 OHM M9G190173-2	Data Analyzed:	20 Jul 99 10:28
Misc. Info:	15 ML 18708-1308 T.BAG	Method:	MSB0720
Data Name:	B2302.D	Shift Call.File:	CC07201.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	33.33

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)		ND	66.66
3) Chloromethane		ND	133.32
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	66.66
5) Vinyl Chloride		ND	66.66
6) Bromomethane		ND	66.66
7) Chloroethane		ND	133.32
8) Trichlorofluoromethane (11)		ND	66.66
9) 1,1-Dichloroethene	-0.01	ND	66.66
10) Carbon Disulfid		ND	333.30
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.00	520.75 ✓	66.66
12) Acetone	-0.06	ND	333.30
13) Methylene Chloride	-0.03	ND	66.66
14) t-1,2-Dichloroethene		ND	66.66
15) 1,1-Dichloroethane		ND	66.66
16) Vinyl Acetate	-0.33	ND	333.30
17) c-1,2-Dichloroethene		ND	66.66
18) 2-Butanone		ND	333.30
19) Chloroform	-0.03	ND	66.66
20) 1,1,1-Trichloroethane		ND	66.66
21) Carbon Tetrachloride	0.01	ND	66.66
23) Benzene	0.22	ND	66.66
25) 1,2-Dichloroethane		ND	66.66
26) Trichloroethene	-0.01	632.30 ✓	66.66
27) 1,2-Dichloropropane		ND	66.66
28) Bromodichloromethane		ND	66.66
29) c-1,3-Dichloropropene		ND	66.66
30) 4-Methyl-2-Pentanone	-0.04	ND	333.30
32) Toluene	0.01	~~ND~~ ✓	~~66.66~~ 166.7
34) t-1,3-Dichloropropene		ND	66.66
35) 1,1,2-Trichloroethane	0.16	ND ~~86.58~~ → MS, AT	66.66
36) Tetrachloroethene	0.03	5902.94 ✓	66.66
37) 2-Hexanone		ND	999.90
38) Dibromochloromethane		ND	66.66
39) 1,2-Dibromoethane		ND	66.66
40) Chlorobenzene		ND	66.66
41) Ethylbenzene	-0.36	ND	66.66
42) p,&m-Xylene		ND	66.66
43) o-Xylene		ND	66.66
44) Styrene		ND	66.66
45) Bromoform		ND	66.66

JUL 20'99 17:37 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.05

Sample Name:	D08CK-102 OHM M9G190173-2	Data Analyzed:	07/20/99 10:28
Misc. Info:	15 ML 18708-1308 T.BAG	Method:	MSB0720
Data Name:	B2302.D	Shift Call.File:	CC07201.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	33.33

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	66.66
48) Benzyl Chloride		ND	333.30
49) 4-Ethyl Toluene	-0.01	ND	66.66
50) 1,3,5-Trimethylbenzene		ND	66.66
51) 1,2,4-Trimethylbenzene	-0.02	ND	66.66
52) 1,3-Dichlorobenzene		ND	66.66
53) 1,4-Dichlorobenzene	0.01	ND	66.66
54) 1,2-Dichlorobenzene		ND	66.66
55) 1,2,4-Trichlorobenzene	0.17	ND	666.60
56) Hexachlorobutadiene		ND	133.32

MTBE ND 333.3

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	278021	226108	OK	7.20	7.13	OK
1,4-Difluorobenzene	707187	808257	OK	8.81	8.79	OK
Chlorobenzene-d5	695650	710089	OK	14.14	14.09	OK

✓ ✓

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	33.39	66.8
Toluene-d8	50	43.63	87.3
4-Bromofluorobenzene	50	45.98	92.0

Comments:

Foot Notes:

1st Review: 7/20/99 2nd Review: LR 7/20/99

JUL 20'99 17:37 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.06

Quanterra Air Toxics Lab

Sample Name:	DO8CL OHM/IT M9G190173-003	Data Analyzed:	19 Jul 99 18:48
Misc. Info:	500ml 18708-1309 TEDLAR "B"	Method:	MSB0719
Data Name:	B2299.D	Shift Call.File:	CC07191.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.20	ND	2.00
3)	Chloromethane	-0.10	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.02	ND	2.00
9)	1,1-Dichloroethene	-0.02	ND	2.00
10)	Carbon Disulfid	-0.02	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.04	ND	2.00
12)	Acetone	0.00	ND	10.00
13)	Methylene Chloride	-0.02	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.06	ND	10.00
17)	c-1,2-Dichloroethene	0.25	ND	2.00
18)	2-Butanone	0.07	ND	10.00
19)	Chloroform	0.10	ND	2.00
20)	1,1,1-Trichloroethane	-0.01	ND	2.00
21)	Carbon Tetrachloride	0.07	ND	2.00
23)	Benzene	-0.00	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	0.03	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.54	ND	2.00
30)	4-Methyl-2-Pentanone	-0.05	ND	10.00
32)	Toluene	-0.05	ND	~~2.00~~ 5.0
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.13	ND	2.00
36)	Tetrachloroethene	-0.04	10.34 ✓	2.00
37)	2-Hexanone	-0.33	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.01	ND	2.00
42)	p&m-Xylene	0.02	ND	2.00
43)	o-Xylene	-0.00	ND	2.00
44)	Styrene	0.04	ND	2.00
45)	Bromoform		ND	2.00

JUL 20'99 17:37 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.07

Sample Name:	DO8CL OHM/IT M9G190173-003	Date Analyzed:	07/19/99 18:48
Misc. Info:	500ml 18708-1309 TEDLAR "B"	Method:	MSB0719
Data Name:	B2299.D	Shift Cali.File:	CC07191.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.47	ND	2.00
48) Benzyl Chloride	-0.08	ND	10.00
49) 4-Ethyl Toluene	0.07	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.09	ND	2.00
51) 1,2,4-Trimethylbenzene	-0.01	ND	2.00
52) 1,3-Dichlorobenzene		ND	2.00
53) 1,4-Dichlorobenzene		ND	2.00
54) 1,2-Dichlorobenzene		ND	2.00
55) 1,2,4-Trichlorobenzene	-0.26	ND	20.00
56) Hexachlorobutadiene	-0.42	ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	278765	300916	OK	7.15	7.11	OK
1,4-Difluorobenzene	705998	739874	OK	8.79	8.74	OK
Chlorobenzene-d5	661125	655963	OK ✓	14.12	13.97	OK ✓

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.30	98.6
Toluene-d8	50	40.34	80.7
4-Bromofluorobenzene	50	50.20	100.4

Comments:

Foot Notes:

1st Review: L 7/20/99

2nd Review: LR 7/20/99

JUL 20'99 17:38 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.08

Quanterra Air Toxics Lab

Sample Name:	DO8CM OHM/IT M9G190173-004	Data Analyzed:	19 Jul 99 19:18
Misc. Info:	500ml 18708-1310 TEDLAR	Method:	MSB0719
Data Name:	B2300.D	Shift Call.File:	CC07191.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.11	ND	2.00
3) Chloromethane	-0.11	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane	0.10	ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	-0.02	ND	2.00
9) 1,1-Dichloroethene	-0.28	ND	2.00
10) Carbon Disulfid	-0.04	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.06	ND	2.00
12) Acetone	-0.01	ND	10.00
13) Methylene Chloride	-0.03	ND	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane	-0.15	ND	2.00
16) Vinyl Acetate	0.37	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	0.02	ND	10.00
19) Chloroform	0.16	ND	2.00
20) 1,1,1-Trichloroethane		ND	2.00
21) Carbon Tetrachloride		ND	2.00
23) Benzene	0.02	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	0.00	ND	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane		ND	2.00
29) c-1,3-Dichloropropene		ND	2.00
30) 4-Methyl-2-Pentanone	-0.02	ND	10.00
32) Toluene	-0.04	ND	~~2.00~~ 5.0
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	0.10	ND	2.00
36) Tetrachloroethene	-0.04	11.86 ✓	2.00
37) 2-Hexanone	-0.29	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene		ND	2.00
41) Ethylbenzene	0.02	ND	2.00
42) p,m-Xylene	0.05	ND	2.00
43) o-Xylene	0.02	ND	2.00
44) Styrene	0.01	ND	2.00
45) Bromoform		ND	2.00

JUL 20'99 17:38 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.09

Sample Name:	DO8CM OHM/IT M9G190173-004	Data Analyzed:	07/19/99 19:18
Misc. Info:	500ml 18708-1310 TEDLAR	Method:	MSB0719
Data Name:	B2300.D	Shift Call.File:	CC07191.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.47	ND	2.00
48)	Benzyl Chloride	0.05	ND	10.00
49)	4-Ethyl Toluene	0.10	ND	2.00
50)	1,3,5-Trimethylbenzene	-0.06	ND	2.00
51)	1,2,4-Trimethylbenzene	0.12	ND	2.00
52)	1,3-Dichlorobenzene		ND	2.00
53)	1,4-Dichlorobenzene	0.16	ND	2.00
54)	1,2-Dichlorobenzene	-0.34	ND	2.00
55)	1,2,4-Trichlorobenzene	-0.29	ND	20.00
56)	Hexachlorobutadiene	-0.47	ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	276765	293032	OK	7.15	7.10	OK
1,4-Difluorobenzene	705998	746058	OK	8.79	8.73	OK
Chlorobenzene-d5	661125	655187	OK	14.12	13.99	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.84	97.7
Toluene-d8	50	39.13	78.3
4-Bromofluorobenzene	50	50.24	100.5

Comments:

Foot Notes:

1st Review: L 7/20/99

2nd Review: LK 7/20/99

JUL 20'99 17:38 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.10

Quanterra Air Toxics Lab

Sample Name:	DO8CJ OHM/IT M9G190173-001	Data Analyzed:	19 Jul 99 19:59
Misc. Info:	500ml 18708-1307 TEDLAR	Method:	MSB0719
Data Name:	B2301.D	Shift Cal.File:	CC07191.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.12	ND	0.0099
3)	Chloromethan	-0.03	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan	0.06	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.01	ND	0.0112
9)	1,1-Dichloroethene	-0.20	ND	0.0079
10)	Carbon Disulfide	-0.00	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.07	ND	0.0153
12)	Acetone	0.00	ND	0.0237
13)	Methylene Chloride	0.02	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.03	ND	0.0081
16)	Vinyl Acetate	-0.32	ND ~~0.0435~~ M.S. Rr	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.03	ND	0.0294
19)	Chloroform	0.16	ND	0.0097
20)	1,1,1-Trichloroethane	-0.02	ND	0.0109
21)	Carbon Tetrachloride	0.07	ND	0.0126
23)	Benzene	-0.00	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.02	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	-0.41	ND	0.0134
29)	c-1,3-Dichloropropene	0.33	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.30	ND	0.0409
32)	Toluene	-0.04	ND	~~0.0075~~ 0.0188
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	-0.21	ND	0.0109
36)	Tetrachloroethene	-0.02	ND	0.0135
37)	2-Hexanone	-0.27	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene	-0.03	ND	0.0092
41)	Ethylbenzene	0.04	ND	0.0087
42)	p,m-Xylene	0.04	ND	0.0087
43)	o-Xylene	0.05	ND	0.0087
44)	Styrene	0.02	ND	0.0085
45)	Bromoform		ND	0.0206

JUL 20'99 17:38 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.11

Sample Name:	DO8CJ OHM/IT M9G190173-001	Data Analyzed:	07/19/99 19:59
Misc. Info:	500ml 18708-1307 TEDLAR	Method:	MSB0719
Data Name:	B2301.D	Shift Call.File:	CC07191.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.41	ND	0.0137
48)	Benzyl Chloride	0.03	ND	0.0518
49)	4-Ethyl Toluene	0.04	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.09	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.06	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.36	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	278765	295365	OK	7.15	7.10	OK
1,4-Difluorobenzene	705998	743956	OK	8.79	8.75	OK
Chlorobenzene-d5	661125	675958	OK	14.12	14.01	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.73	99.5
Toluene-d8	50	40.57	81.1
4-Bromofluorobenzene	50	50.17	100.3

Comments:

Foot Notes:

1st Review: 7/20/99 2nd Review LR 7/20/99

JUL 20'99 17:39 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.12

Quanterra Air Toxics Lab

Sample Name:	D08CK-102 OHM M9G190173-2	Data Analyzed:	20 Jul 99 10:28
Misc. Info:	15 ML 16708-1308 T.BAG	Method:	MSB0720
Data Name:	B2302.D	Shift Cal.File:	CC07201.D
Data Path:	D:\GCMSB\990719\	Dilution Factor:	33.33

	Compound	dRT	Result(ug/L)		RL(ug/L)
2)	Dichlorodifluoromethane (1		ND		0.3290
3)	Chloromethan		ND		0.2748
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND		0.4650
5)	Vinyl Chloride		ND		0.1700
6)	Bromomethan		ND		0.2583
7)	Chloroethane		ND		0.3510
8)	Trichlorofluoromethane (11)		ND		0.3738
9)	1,1-Dichloroethene	-0.01	ND		0.2638
10)	Carbon Disulfide		ND		1.0359
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	3.9827	✓	0.5098
12)	Acetone	-0.06	ND		0.7903
13)	Methylene Chloride	-0.03	ND		0.2311
14)	t-1,2-Dichloroethene		ND		0.2638
15)	1,1-Dichloroethane		ND		0.2692
16)	Vinyl Acetate	-0.33	ND		1.1712
17)	c-1,2-Dichloroethene		ND		0.2638
18)	2-Butanone		ND		0.9809
19)	Chloroform	-0.03	ND		0.3248
20)	1,1,1-Trichloroethane		ND		0.3630
21)	Carbon Tetrachloride	0.01	ND		0.4185
23)	Benzene	0.22	ND		0.2125
25)	1,2-Dichloroethane		ND		0.2692
26)	Trichloroethene	-0.01	3.3910	✓	0.3575
27)	1,2-Dichloropropane		ND		0.3074
28)	Bromodichloromethane		ND		0.4458
29)	c-1,3-Dichloropropene		ND		0.3019
30)	4-Methyl-2-Pentanone	-0.04	ND		1.3625
32)	Toluene	0.01	ND		~~0.2507~~ 0.627
34)	t-1,3-Dichloropropene		ND		0.3019
35)	1,1,2-Trichloroethane	0.16	ND ~~0.4718~~	MS,RT	0.3630
36)	Tetrachloroethene	0.03	39.9570	✓	0.4512
37)	2-Hexanone		ND		4.0876
38)	Dibromochloromethane		ND		0.5667
39)	1,2-Dibromoethane		ND		0.5111
40)	Chlorobenzene		ND		0.3062
41)	Ethylbenzene	-0.36	ND		0.2888
42)	p,&m-Xylene		ND		0.2888
43)	o-Xylene		ND		0.2888
44)	Styrene		ND		0.2834
45)	Bromoform		ND		0.6877

JUL 20'99 17:39 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.13

Sample Name:	D08CK-102 OHM M9G190173-02	Data Analyzed:	07/20/99 10:28
Misc. Info:	15 ML 18708-1308 T.BAG	Method:	MSB0720
Data Name:	B2302.D	Shift Call.File:	CC07201.D
Data Path:	D:\GCMSB\990719\	Dilution Factor:	33.33

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.4567
48)	Benzyl Chloride		ND	1.7252
49)	4-Ethyl Toluene	-0.01	ND	0.3270
50)	1,3,5-Trimethylbenzene		ND	0.3270
51)	1,2,4-Trimethylbenzene	-0.02	ND	0.3270
52)	1,3-Dichlorobenzene		ND	0.4000
53)	1,4-Dichlorobenzene	0.01	ND	0.4000
54)	1,2-Dichlorobenzene		ND	0.4000
55)	1,2,4-Trichlorobenzene	0.17	ND	4.9368
56)	Hexachlorobutadiene		ND	1.4189

MT BZ ND 1.200

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	278021	226108	OK	7.20	7.13	OK
1,4-Difluorobenzene	707187	808257	OK	8.81	8.79	OK
Chlorobenzene-d5	695650	710069	OK	14.14	14.09	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	33.39	66.8
Toluene-d8	50	43.63	87.3
4-Bromofluorobenzene	50	45.98	92.0

Comments:

Foot Notes:

1st Review: L 7/20/99 2nd Review LR 7/20/99

JUL 20'99 17:39 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.14

Quanterra Air Toxics Lab

Sample Name:	DOSCL OHM/IT M9G190173-003	Data Analyzed:	19 Jul 99 18:48
Misc. Info:	500ml 18708-1309 TEDLAR "B"	Method:	MSB0719
Data Name:	B2299.D	Shift Call.File:	CC07191.D
Data Path:	D:\GCMSB\990719\	Dilution Factor:	1

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1	-0.20	ND	0.0099
3) Chloromethan	-0.10	ND	0.0082
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5) Vinyl Chloride		ND	0.0051
6) Bromomethan		ND	0.0078
7) Chloroethane		ND	0.0105
8) Trichlorofluoromethane (11)	-0.02	ND	0.0112
9) 1,1-Dichloroethene	-0.02	ND	0.0079
10) Carbon Disulfide	-0.02	ND	0.0311
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.04	ND	0.0153
12) Acetone	0.00	ND	0.0237
13) Methylene Chloride	-0.02	ND	0.0069
14) t-1,2-Dichloroethene		ND	0.0079
15) 1,1-Dichloroethane		ND	0.0081
16) Vinyl Acetate	0.08	ND	0.0351
17) c-1,2-Dichloroethene	0.25	ND	0.0079
18) 2-Butanone	0.07	ND	0.0294
19) Chloroform	0.10	ND	0.0097
20) 1,1,1-Trichloroethane	-0.01	ND	0.0109
21) Carbon Tetrachloride	0.07	ND	0.0126
23) Benzene	-0.00	ND	0.0064
25) 1,2-Dichloroethane		ND	0.0081
26) Trichloroethene	0.03	ND	0.0107
27) 1,2-Dichloropropane		ND	0.0092
28) Bromodichloromethane		ND	0.0134
29) c-1,3-Dichloropropene	0.54	ND	0.0091
30) 4-Methyl-2-Pentanone	-0.05	ND	0.0409
32) Toluene	-0.05	ND	~~0.0075~~ 0.0188
34) t-1,3-Dichloropropene		ND	0.0091
35) 1,1,2-Trichloroethane	0.13	ND	0.0109
36) Tetrachloroethene	-0.04	0.0700 ✓	0.0135
37) 2-Hexanone	-0.33	ND	0.1226
38) Dibromochloromethane		ND	0.0170
39) 1,2-Dibromoethane		ND	0.0153
40) Chlorobenzene		ND	0.0092
41) Ethylbenzene	0.01	ND	0.0087
42) p,&m-Xylene	0.02	ND	0.0087
43) o-Xylene	-0.00	ND	0.0087
44) Styrene	0.04	ND	0.0085
45) Bromoform		ND	0.0206

JUL 20'99 17:39 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.15

Sample Name:	DO8CL OHM/IT M9G190173-003	Data Analyzed:	07/19/99 18:48
Misc. Info:	500ml 18708-1309 TEDLAR "B"	Method:	MSB0719
Data Name:	B2299.D	Shift Call.File:	CC07191.D
Data Path:	D:\GCMSB\990719\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.47	ND	0.0137
48)	Benzyl Chloride	-0.08	ND	0.0518
49)	4-Ethyl Toluene	0.07	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.09	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.01	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.26	ND	0.1481
56)	Hexachlorobutadiene	-0.42	ND	0.0426
	MT BZ		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	278785	300916	OK	7.15	7.11	OK
1,4-Difluorobenzene	705998	739874	OK	8.79	8.74	OK
Chlorobenzene-d5	661125	655963	OK	14.12	13.97	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.30	98.6
Toluene-d8	50	40.34	80.7
4-Bromofluorobenzene	50	50.20	100.4

Comments:

Foot Notes:

1st Review: 7/20/99 2nd Review LK 7/20/99

JUL 20'99 17:40 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.16

Quanterra Air Toxics Lab

Sample Name:	DO8CM OHM/IT M9G190173-00	Date Analyzed:	19 Jul 99 19:18
Misc. Info:	500ml 18708-1310 TEDLAR	Method:	MSB0719
Data Name:	B2300.D	Shift Cali.File:	CC07191.D
Data Path:	D:\GCMSB\990719\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.11	ND	0.0099
3)	Chloromethan	-0.11	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan	0.10	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.02	ND	0.0112
9)	1,1-Dichloroethene	-0.28	ND	0.0079
10)	Carbon Disulfide	-0.04	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.06	ND	0.0153
12)	Acetone	-0.01	ND	0.0237
13)	Methylene Chloride	-0.03	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.15	ND	0.0081
16)	Vinyl Acetate	0.37	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.02	ND	0.0294
19)	Chloroform	0.16	ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride		ND	0.0126
23)	Benzene	0.02	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	0.00	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	-0.02	ND	0.0409
32)	Toluene	-0.04	ND	~~0.0073~~ 0.018 P
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.10	ND	0.0109
36)	Tetrachloroethene	-0.04	0.0803	0.0135
37)	2-Hexanone	-0.29	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.02	ND	0.0087
42)	p,&m-Xylene	0.05	ND	0.0087
43)	o-Xylene	0.02	ND	0.0087
44)	Styrene	0.01	ND	0.0085
45)	Bromoform		ND	0.0206

JUL 20'99 17:40 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.17

D:\GCMSB\990719\B2300.D

Sample Name:	DO8CM OHM/IT M9G190173-004	Data Analyzed:	07/19/99 19:18
Misc. Info:	500ml 18708-1310 TEDLAR	Method:	MSB0719
Data Name:	B2300.D	Shift Call.File:	CC07191.D
Data Path:	D:\GCMSB\990719\	Dilution Factor:	1

Compound	dRT	Result(ug/L)	RL(ug/L)
47) 1,1,2,2-Tetrachloroethane	-0.47	ND	0.0137
48) Benzyl Chloride	0.05	ND	0.0518
49) 4-Ethyl Toluene	0.10	ND	0.0098
50) 1,3,5-Trimethylbenzene	-0.06	ND	0.0098
51) 1,2,4-Trimethylbenzene	0.12	ND	0.0098
52) 1,3-Dichlorobenzene		ND	0.0120
53) 1,4-Dichlorobenzene	0.16	ND	0.0120
54) 1,2-Dichlorobenzene	-0.34	ND	0.0120
55) 1,2,4-Trichlorobenzene	-0.29	ND	0.1481
56) Hexachlorobutadiene	-0.47	ND	0.0426
MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	278765	293032	OK	7.15	7.10	OK
1,4-Difluorobenzene	705998	746058	OK	8.79	8.73	OK
Chlorobenzene-d5	661125	655187	OK	14.12	13.99	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.84	97.7
Toluene-d8	50	39.13	78.3
4-Bromofluorobenzene	50	50.24	100.5

Comments:

Foot Notes:

1st Review: 7/20/99 2nd Review LR 7/20/99

COMPLETED 8/8/97

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
217087
FORM 0019 REV. 2-97

24SVE18-24hr

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-660-5433	LABORATORY SERVICE ID: 49520 0187	LABORATORY CONTACT: Duwayne	MAIL REPORT (COMPANY NAME): IT Group
PROJECT NAME: El Toro - D065	PROJECT LOCATION: El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 909-590-1828	LABORATORY FAX: —	RECIPIENT NAME: Duwayne Tsuda
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: 949-451-1667	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. Grand		ADDRESS: 3347 Michelson Dr.
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-261-1661	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	1997 Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: Backwash Index	Comments: Analyze "A" backwash
1	18708-1311	Vapor	7-20	0745	—	2	III	5day	X		
2	18708-1312	Vapor	7-20	0755	—	3	III	5day	X		
3	18708-1313	Vapor	7-20	0854	—	2	IV	5day	X		
4	18708-1314	Vapor	7-20	0805	—	2	III	24hr	X		
5	18708-1315	Vapor	7-20	0815	—	2	III	24hr	X	X	Analyze Dup of 18708-1314 if detected
6											
7											
8											
9											
10											

W.D

SAMPLES COLLECTED BY: Way-Lynn Jefferson
COURIER AND AIR BILL NUMBER: Courier
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Way-Lynn Jeff	[illegible]	7/20/97	1015	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE18-24hr

Sample Point Location	Sample Type: G	C	F	QC
1. 24SVE18-24hr Ambient	X			
2. 24SVE18-24hr Influent	X			
3. 24SVE18-24hr Dup - Influent	X			X
4. 24SVE18-24hr Mid. Pt.	X			
5. 24SVE18-24hr Effluent	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34100018

IT CORPORATION

Client Sample ID: 18708-1311

GC/MS Volatiles

Lot-Sample #...: M9G200157-001 Work Order #...: D0931102 Matrix.....: AIR
Date Sampled...: 07/20/99 07:45 Date Received..: 07/20/99
Prep Date.....: 07/20/99 Analysis Date..: 07/20/99
Prep Batch #...: 9204354 Analysis Time..: 19:08
Dilution Factor: 1
Analyst ID.....: 358011 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1311

GC/MS Volatiles

Lot-Sample #...: M9G200157-001 **Work Order #...:** D0931102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

JUL 24'99 11:17 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.04

IT CORPORATION

Client Sample ID: 18708-1312

GC/MS Volatiles

Lot-Sample #...: M9G200157-002 Work Order #...: D0937102 Matrix.....: AIR
Date Sampled...: 07/20/99 07:55 Date Received..: 07/20/99
Prep Date.....: 07/20/99 Analysis Date..: 07/20/99
Prep Batch #...: 9204354 Analysis Time..: 17:43
Dilution Factor: 50
Analyst ID.....: 358011 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	100	ppb(v/v)
Chloromethane	ND	200	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	100	ppb(v/v)
Vinyl chloride	ND	100	ppb(v/v)
Bromomethane	ND	100	ppb(v/v)
Chloroethane	ND	200	ppb(v/v)
Trichlorofluoromethane	ND	100	ppb(v/v)
1,1-Dichloroethene	ND	100	ppb(v/v)
Carbon disulfide	ND	500	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**350**	**100**	**ppb(v/v)**
etone	ND	500	ppb(v/v)
Methylene chloride	ND	100	ppb(v/v)
trans-1,2-Dichloroethene	ND	100	ppb(v/v)
1,1-Dichloroethane	ND	100	ppb(v/v)
Vinyl acetate	ND	500	ppb(v/v)
cis-1,2-Dichloroethene	ND	100	ppb(v/v)
2-Butanone (MEK)	ND	500	ppb(v/v)
Chloroform	ND	100	ppb(v/v)
1,1,1-Trichloroethane	ND	100	ppb(v/v)
Carbon tetrachloride	ND	100	ppb(v/v)
Benzene	ND	100	ppb(v/v)
1,2-Dichloroethane	ND	100	ppb(v/v)
Trichloroethene	**580**	**100**	**ppb(v/v)**
1,2-Dichloropropane	ND	100	ppb(v/v)
Bromodichloromethane	ND	100	ppb(v/v)
cis-1,3-Dichloropropene	ND	100	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	500	ppb(v/v)
Toluene	ND	250	ppb(v/v)
trans-1,3-Dichloropropene	ND	100	ppb(v/v)
1,1,2-Trichloroethane	ND	100	ppb(v/v)
Tetrachloroethene	**6400**	**100**	**ppb(v/v)**
2-Hexanone	ND	1500	ppb(v/v)
Dibromochloromethane	ND	100	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	100	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1312

GC/MS Volatiles

Lot-Sample #...: M9G200157-002 Work Order #...: D0937102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	100	ppb(v/v)
Ethylbenzene	ND	100	ppb(v/v)
Xylenes (total)	ND	100	ppb(v/v)
Styrene	ND	100	ppb(v/v)
Bromoform	ND	100	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	100	ppb(v/v)
Benzyl chloride	ND	500	ppb(v/v)
4-Ethyltoluene	ND	100	ppb(v/v)
1,3,5-Trimethylbenzene	ND	100	ppb(v/v)
1,2,4-Trimethylbenzene	ND	100	ppb(v/v)
1,3-Dichlorobenzene	ND	100	ppb(v/v)
1,4-Dichlorobenzene	ND	100	ppb(v/v)
1,2-Dichlorobenzene	ND	100	ppb(v/v)
1,2,4-Trichlorobenzene	ND	1000	ppb(v/v)
Hexachlorobutadiene	ND	200	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	500	ppb(v/v)

JUL 24'99 11:17 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.06

IT CORPORATION

Client Sample ID: 18708-1313

GC/MS Volatiles

Lot-Sample #...: M9G200157-003 Work Order #...: D093A102 Matrix.....: AIR
Date Sampled...: 07/20/99 07:56 Date Received..: 07/20/99
Prep Date.....: 07/20/99 Analysis Date..: 07/20/99
Prep Batch #...: 9204430 Analysis Time..: 22:35
Dilution Factor: 50
Analyst ID.....: 341569 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	100	ppb(v/v)
Chloromethane	ND	200	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	100	ppb(v/v)
Vinyl chloride	ND	100	ppb(v/v)
Bromomethane	ND	100	ppb(v/v)
Chloroethane	ND	200	ppb(v/v)
Trichlorofluoromethane	ND	100	ppb(v/v)
1,1-Dichloroethene	ND	100	ppb(v/v)
Carbon disulfide	ND	500	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**320**	**100**	**ppb(v/v)**
Acetone	ND	500	ppb(v/v)
Methylene chloride	ND	100	ppb(v/v)
trans-1,2-Dichloroethene	ND	100	ppb(v/v)
1,1-Dichloroethane	ND	100	ppb(v/v)
Vinyl acetate	ND	500	ppb(v/v)
cis-1,2-Dichloroethene	ND	100	ppb(v/v)
2-Butanone (MEK)	ND	500	ppb(v/v)
Chloroform	ND	100	ppb(v/v)
1,1,1-Trichloroethane	ND	100	ppb(v/v)
Carbon tetrachloride	ND	100	ppb(v/v)
Benzene	ND	100	ppb(v/v)
1,2-Dichloroethane	ND	100	ppb(v/v)
Trichloroethene	**580**	**100**	**ppb(v/v)**
1,2-Dichloropropane	ND	100	ppb(v/v)
Bromodichloromethane	ND	100	ppb(v/v)
cis-1,3-Dichloropropene	ND	100	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	500	ppb(v/v)
Toluene	ND	250	ppb(v/v)
trans-1,3-Dichloropropene	ND	100	ppb(v/v)
1,1,2-Trichloroethane	ND	100	ppb(v/v)
Tetrachloroethene	**5900**	**100**	**ppb(v/v)**
2-Hexanone	ND	1500	ppb(v/v)
Dibromochloromethane	ND	100	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	100	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1313

GC/MS Volatiles

Lot-Sample #...: M9G200157-003 **Work Order #...:** D093A102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	100	ppb(v/v)
Ethylbenzene	ND	100	ppb(v/v)
Xylenes (total)	ND	100	ppb(v/v)
Styrene	ND	100	ppb(v/v)
Bromoform	ND	100	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	100	ppb(v/v)
Benzyl chloride	ND	500	ppb(v/v)
4-Ethyltoluene	ND	100	ppb(v/v)
1,3,5-Trimethylbenzene	ND	100	ppb(v/v)
1,2,4-Trimethylbenzene	ND	100	ppb(v/v)
1,3-Dichlorobenzene	ND	100	ppb(v/v)
1,4-Dichlorobenzene	ND	100	ppb(v/v)
1,2-Dichlorobenzene	ND	100	ppb(v/v)
1,2,4-Trichlorobenzene	ND	1000	ppb(v/v)
Hexachlorobutadiene	ND	200	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	500	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1314

GC/MS Volatiles

Lot-Sample #...: M9G200157-004 Work Order #...: D093C102 Matrix.....: AIR
Date Sampled...: 07/20/99 08:05 Date Received..: 07/20/99
Prep Date.....: 07/20/99 Analysis Date..: 07/20/99
Prep Batch #...: 9204354 Analysis Time..: 18:12
Dilution Factor: 1
Analyst ID.....: 358011 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	**2.1**	**2.0**	**ppb(v/v)**
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**58**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1314

GC/MS Volatiles

Lot-Sample #...: M9G200157-004 **Work Order #...:** D093C102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

JUL 23'99 15:38 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.06

IT CORPORATION

Client Sample ID: 18708-1315

GC/MS Volatiles

Lot-Sample #...: M9G200157-005 Work Order #...: D093G102 Matrix.....: AIR
Date Sampled...: 07/20/99 08:15 Date Received..: 07/20/99
Prep Date.....: 07/20/99 Analysis Date..: 07/20/99
Prep Batch #...: 9204354 Analysis Time..: 18:40
Dilution Factor: 1
Analyst ID.....: 358011 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**56**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1315

GC/MS Volatiles

Lot-Sample #...: M9G200157-005 **Work Order #...:** D093G102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb (v/v)
Ethylbenzene	ND	2.0	ppb (v/v)
Xylenes (total)	ND	2.0	ppb (v/v)
Styrene	ND	2.0	ppb (v/v)
Bromoform	ND	2.0	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb (v/v)
Benzyl chloride	ND	10	ppb (v/v)
4-Ethyltoluene	ND	2.0	ppb (v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb (v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb (v/v)
1,3-Dichlorobenzene	ND	2.0	ppb (v/v)
1,4-Dichlorobenzene	ND	2.0	ppb (v/v)
1,2-Dichlorobenzene	ND	2.0	ppb (v/v)
1,2,4-Trichlorobenzene	ND	20	ppb (v/v)
Hexachlorobutadiene	ND	4.0	ppb (v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb (v/v)

IT CORPORATION

Client Sample ID: 18708-1311

GC/MS Volatiles

Lot-Sample #...: M9G200157-001 **Work Order #...:** D0931101 **Matrix.....:** AIR
Date Sampled...: 07/20/99 07:45 **Date Received..:** 07/20/99
Prep Date.....: 07/20/99 **Analysis Date..:** 07/20/99
Prep Batch #...: 9204356 **Analysis Time..:** 19:08
Dilution Factor: 1
Analyst ID.....: 358011 **Instrument ID..:** MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1311

GC/MS Volatiles

Lot-Sample #...: M9G200157-001 Work Order #...: D0931101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1312

GC/MS Volatiles

Lot-Sample #...: M9G200157-002 Work Order #...: D0937101 Matrix.....: AIR
Date Sampled...: 07/20/99 07:55 Date Received..: 07/20/99
Prep Date.....: 07/20/99 Analysis Date..: 07/20/99
Prep Batch #...: 9204356 Analysis Time..: 17:43
Dilution Factor: 50
Analyst ID.....: 358011 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.50	ug/L
Chloromethane	ND	0.41	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.70	ug/L
Vinyl chloride	ND	0.26	ug/L
Bromomethane	ND	0.39	ug/L
Chloroethane	ND	0.55	ug/L
Trichlorofluoromethane	ND	0.55	ug/L
1,1-Dichloroethene	ND	0.40	ug/L
Carbon disulfide	ND	1.6	ug/L
1,2-Trichloro-1,2,2-trifluoroethane	**2.7**	**0.75**	**ug/L**
Acetone	ND	1.2	ug/L
Methylene chloride	ND	0.34	ug/L
trans-1,2-Dichloroethene	ND	0.40	ug/L
1,1-Dichloroethane	ND	0.40	ug/L
Vinyl acetate	ND	1.8	ug/L
cis-1,2-Dichloroethene	ND	0.40	ug/L
2-Butanone (MEK)	ND	1.4	ug/L
Chloroform	ND	0.48	ug/L
1,1,1-Trichloroethane	ND	0.55	ug/L
Carbon tetrachloride	ND	0.65	ug/L
Benzene	ND	0.32	ug/L
1,2-Dichloroethane	ND	0.40	ug/L
Trichloroethene	**3.1**	**0.55**	**ug/L**
1,2-Dichloropropane	ND	0.46	ug/L
Bromodichloromethane	ND	0.65	ug/L
cis-1,3-Dichloropropene	ND	0.46	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L
Toluene	ND	0.94	ug/L
trans-1,3-Dichloropropene	ND	0.46	ug/L
1,1,2-Trichloroethane	ND	0.55	ug/L
Tetrachloroethene	**43**	**0.70**	**ug/L**
2-Hexanone	ND	6.0	ug/L
Dibromochloromethane	ND	0.85	ug/L
1,2-Dibromoethane (EDB)	ND	0.75	ug/L

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IT CORPORATION

Client Sample ID: 18708-1312

GC/MS Volatiles

Lot-Sample #...: M9G200157-002 Work Order #...: D0937101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.46	ug/L
Ethylbenzene	ND	0.44	ug/L
Xylenes (total)	ND	0.44	ug/L
Styrene	ND	0.42	ug/L
Bromoform	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	0.70	ug/L
Benzyl chloride	ND	2.6	ug/L
4-Ethyltoluene	ND	0.49	ug/L
1,3,5-Trimethylbenzene	ND	0.49	ug/L
1,2,4-Trimethylbenzene	ND	0.49	ug/L
1,3-Dichlorobenzene	ND	0.60	ug/L
1,4-Dichlorobenzene	ND	0.60	ug/L
1,2-Dichlorobenzene	ND	0.60	ug/L
1,2,4-Trichlorobenzene	ND	7.5	ug/L
Hexachlorobutadiene	ND	2.2	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.8	ug/L

IT CORPORATION

Client Sample ID: 18708-1313

GC/MS Volatiles

Lot-Sample #...: M9G200157-003 Work Order #...: D093A101 Matrix.....: AIR
Date Sampled...: 07/20/99 07:56 Date Received..: 07/20/99
Prep Date.....: 07/20/99 Analysis Date..: 07/20/99
Prep Batch #...: 9204431 Analysis Time..: 22:35
Dilution Factor: 50
Analyst ID.....: 341569 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.50	ug/L
Chloromethane	ND	0.41	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.70	ug/L
Vinyl chloride	ND	0.26	ug/L
Bromomethane	ND	0.39	ug/L
Chloroethane	ND	0.55	ug/L
Trichlorofluoromethane	ND	0.55	ug/L
1,1-Dichloroethene	ND	0.40	ug/L
Carbon disulfide	ND	1.6	ug/L
1,2-Trichloro-1,2,2-trifluoroethane	**2.4**	**0.75**	**ug/L**
Acetone	ND	1.2	ug/L
Methylene chloride	ND	0.34	ug/L
trans-1,2-Dichloroethene	ND	0.40	ug/L
1,1-Dichloroethane	ND	0.40	ug/L
Vinyl acetate	ND	1.8	ug/L
cis-1,2-Dichloroethene	ND	0.40	ug/L
2-Butanone (MEK)	ND	1.4	ug/L
Chloroform	ND	0.48	ug/L
1,1,1-Trichloroethane	ND	0.55	ug/L
Carbon tetrachloride	ND	0.65	ug/L
Benzene	ND	0.32	ug/L
1,2-Dichloroethane	ND	0.40	ug/L
Trichloroethene	**3.1**	**0.55**	**ug/L**
1,2-Dichloropropane	ND	0.46	ug/L
Bromodichloromethane	ND	0.65	ug/L
cis-1,3-Dichloropropene	ND	0.46	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L
Toluene	ND	0.94	ug/L
trans-1,3-Dichloropropene	ND	0.46	ug/L
1,1,2-Trichloroethane	ND	0.55	ug/L
Tetrachloroethene	**40**	**0.70**	**ug/L**
2-Hexanone	ND	6.0	ug/L
Dibromochloromethane	ND	0.85	ug/L
1,2-Dibromoethane (EDB)	ND	0.75	ug/L

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IT CORPORATION

Client Sample ID: 18708-1313

GC/MS Volatiles

Lot-Sample #...: M9G200157-003 Work Order #...: D093A101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.46	ug/L
Ethylbenzene	ND	0.44	ug/L
Xylenes (total)	ND	0.44	ug/L
Styrene	ND	0.42	ug/L
Bromoform	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	0.70	ug/L
Benzyl chloride	ND	2.6	ug/L
4-Ethyltoluene	ND	0.49	ug/L
1,3,5-Trimethylbenzene	ND	0.49	ug/L
1,2,4-Trimethylbenzene	ND	0.49	ug/L
1,3-Dichlorobenzene	ND	0.60	ug/L
1,4-Dichlorobenzene	ND	0.60	ug/L
1,2-Dichlorobenzene	ND	0.60	ug/L
1,2,4-Trichlorobenzene	ND	7.5	ug/L
Hexachlorobutadiene	ND	2.2	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.8	ug/L

IT CORPORATION

Client Sample ID: 18708-1314

GC/MS Volatiles

Lot-Sample #...: M9G200157-004 Work Order #...: D093C101 Matrix.....: AIR
Date Sampled...: 07/20/99 08:05 Date Received..: 07/20/99
Prep Date.....: 07/20/99 Analysis Date..: 07/20/99
Prep Batch #...: 9204356 Analysis Time..: 18:12
Dilution Factor: 1
Analyst ID.....: 358011 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	**0.012**	**0.011**	**ug/L**
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.39**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1314

GC/MS Volatiles

Lot-Sample #...: M9G200157-004 Work Order #...: D093C101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

JUL 23'99 15:37 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.04

IT CORPORATION

Client Sample ID: 18708-1315

GC/MS Volatiles

Lot-Sample #...: M9G200157-005 Work Order #...: D093G101 Matrix.....: AIR
Date Sampled...: 07/20/99 08:15 Date Received..: 07/20/99
Prep Date.....: 07/20/99 Analysis Date..: 07/20/99
Prep Batch #...: 9204356 Analysis Time..: 18:40
Dilution Factor: 1
Analyst ID.....: 358011 Instrument ID..: MSB
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.38**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1315

GC/MS Volatiles

Lot-Sample #...: M9G200157-005 Work Order #...: D093G101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

COMPLETED

Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
217089
FORM 0019 REV. 2-97

24SVE18 -48hr.

OHM's LAB COORDINATOR: L. Bielkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-660-5433	LABORATORY SERVICE ID: 1C99/023/	LABORATORY CONTACT: Quintana	MAIL REPORT (COMPANY NAME): I T Group
PROJECT NAME: El Toro-DDo5	PROJECT LOCATION: El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 909-590-1820	LABORATORY FAX: —	RECIPIENT NAME: Duwyne Ishida
PROJECT CONTACT: L. Bielkowski	PROJECT PHONE NUMBER: 949-451-1667	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. Grand		ADDRESS: 3347 Michelson Dr.
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: G. Setlick	PROJECT MANAGER'S PHONE: 949-261-1661	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: Laboratory Index							Comments: Analyze all Dag first.
1	18708-1316	Vapor	7-21	0930	—	2	III	5day	X								
2	18708-1317	Vapor	7-21	0935	—	3	III	5day	X								
3	18708-1318	Vapor	7-21	0943	—	2	III	24hr	X								
4	18708-1319	Vapor	7-21	0948	—	2	III	24hr	X								analyze only if 18708-1318 is detected
5																	
6																	
7																	
8																	
9																	
10																	

W.S. 7/21/99

SAMPLES COLLECTED BY: Way-Lynn Jefferson
COURIER AND AIR BILL NUMBER: Courier
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Way-Lynn Jefferson	[illegible]	7/21/99	14:40	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE18-48hr

Sample Point Location	Sample Type: G	C	F	QC
1. 24SVE18-48hr ambient	X			
2. 24SVE18-48hr influent	X			
3. 24SVE18-48hr mid. pt.	X			
4. 24SVE18-48hr effluent	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

3410002/

IT CORPORATION

Client Sample ID: 18708-1316

GC/MS Volatiles

Lot-Sample #...: M9G210231-001 **Work Order #...:** D0CDC102 **Matrix.....:** AIR
Date Sampled...: 07/21/99 09:30 **Date Received..:** 07/21/99
Prep Date.....: 07/22/99 **Analysis Date..:** 07/22/99
Prep Batch #...: 9204409 **Analysis Time..:** 13:21
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1316

GC/MS Volatiles

Lot-Sample #...: M9G210231-001 **Work Order #...:** D0CDC102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1317

GC/MS Volatiles

Lot-Sample #...: M9G210231-002 **Work Order #...:** D0CDD102 **Matrix.....:** AIR
Date Sampled...: 07/21/99 09:35 **Date Received..:** 07/21/99
Prep Date.....: 07/22/99 **Analysis Date..:** 07/22/99
Prep Batch #...: 9204409 **Analysis Time..:** 13:48
Dilution Factor: 25
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	50	ppb(v/v)
Chloromethane	ND	100	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	50	ppb(v/v)
Vinyl chloride	ND	50	ppb(v/v)
Bromomethane	ND	50	ppb(v/v)
Chloroethane	ND	100	ppb(v/v)
Trichlorofluoromethane	ND	50	ppb(v/v)
1,1-Dichloroethene	ND	50	ppb(v/v)
Carbon disulfide	ND	250	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**290**	**50**	**ppb(v/v)**
Acetone	ND	250	ppb(v/v)
Methylene chloride	ND	50	ppb(v/v)
trans-1,2-Dichloroethene	ND	50	ppb(v/v)
1,1-Dichloroethane	ND	50	ppb(v/v)
Vinyl acetate	ND	250	ppb(v/v)
cis-1,2-Dichloroethene	ND	50	ppb(v/v)
2-Butanone (MEK)	ND	250	ppb(v/v)
Chloroform	ND	50	ppb(v/v)
1,1,1-Trichloroethane	ND	50	ppb(v/v)
Carbon tetrachloride	ND	50	ppb(v/v)
Benzene	ND	50	ppb(v/v)
1,2-Dichloroethane	ND	50	ppb(v/v)
Trichloroethene	**500**	**50**	**ppb(v/v)**
1,2-Dichloropropane	ND	50	ppb(v/v)
Bromodichloromethane	ND	50	ppb(v/v)
cis-1,3-Dichloropropene	ND	50	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	250	ppb(v/v)
Toluene	ND	120	ppb(v/v)
trans-1,3-Dichloropropene	ND	50	ppb(v/v)
1,1,2-Trichloroethane	ND	50	ppb(v/v)
Tetrachloroethene	**6500**	**50**	**ppb(v/v)**
2-Hexanone	ND	750	ppb(v/v)
Dibromochloromethane	ND	50	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	50	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1317

GC/MS Volatiles

Lot-Sample #...: M9G210231-002 **Work Order #...:** D0CDD102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	50	ppb(v/v)
Ethylbenzene	ND	50	ppb(v/v)
Xylenes (total)	ND	50	ppb(v/v)
Styrene	ND	50	ppb(v/v)
Bromoform	ND	50	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	50	ppb(v/v)
Benzyl chloride	ND	250	ppb(v/v)
4-Ethyltoluene	ND	50	ppb(v/v)
1,3,5-Trimethylbenzene	ND	50	ppb(v/v)
1,2,4-Trimethylbenzene	ND	50	ppb(v/v)
1,3-Dichlorobenzene	ND	50	ppb(v/v)
1,4-Dichlorobenzene	ND	50	ppb(v/v)
1,2-Dichlorobenzene	ND	50	ppb(v/v)
1,2,4-Trichlorobenzene	ND	500	ppb(v/v)
Hexachlorobutadiene	ND	100	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	250	ppb(v/v)

Quanterra Air Toxics Lab

Sample Name:	D0CDE102 OHM M9G210231-3	Data Analyzed:	21 Jul 99 22:12
Misc. Info:	500ML 18708-1318 TEDLAR	Method:	MSB0721B
Data Name:	B2343.D	Shift Cali.File:	CC07212.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	0.03	ND	2.00
3)	Chloromethane	-0.05	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)	-0.01	ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.01	ND	2.00
9)	1,1-Dichloroethene	-0.02	ND	2.00
10)	Carbon Disulfid	0.00	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	ND	2.00
12)	Acetone	0.01	ND	10.00
13)	Methylene Chloride	-0.01	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.33	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	0.03	ND	10.00
19)	Chloroform		ND	2.00
20)	1,1,1-Trichloroethane	-0.02	ND	2.00
21)	Carbon Tetrachloride	0.02	ND	2.00
23)	Benzene	-0.02	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	0.01	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene		ND	2.00
30)	4-Methyl-2-Pentanone	-0.12	ND	10.00
32)	Toluene	-0.09	ND	~~2.00~~ 5.0
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.10	ND	2.00
36)	Tetrachloroethene	0.02	13.03 ✓	2.00
37)	2-Hexanone	0.25	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.05	ND	2.00
42)	p,&m-Xylene	0.03	ND	2.00
43)	o-Xylene	-0.01	ND	2.00
44)	Styrene	0.02	ND	2.00
45)	Bromoform		ND	2.00

JUL 22'99 20:39 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.07

Sample Name:	D0CDE102 OHM M9G210231-3	Date Analyzed:	07/21/99 22:12
Misc. Info:	500ML 18708-1318 TEDLAR	Method:	MSB0721B
Data Name:	B2343.D	Shift Call.File:	CC07212.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	-0.13	ND	10.00
49)	4-Ethyl Toluene	0.01	ND	2.00
50)	1,3,5-Trimethylbenzene	0.04	ND	2.00
51)	1,2,4-Trimethylbenzene	0.07	ND	2.00
52)	1,3-Dichlorobenzene	0.31	ND	2.00
53)	1,4-Dichlorobenzene	0.04	ND	2.00
54)	1,2-Dichlorobenzene	0.10	ND	2.00
55)	1,2,4-Trichlorobenzene	0.08	ND	20.00
56)	Hexachlorobutadiene	0.07	ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	268197	301391	OK	7.09	7.12	OK
1,4-Difluorobenzene	688548	763024	OK	8.72	8.77	OK
Chlorobenzene-d5	653149	741026	OK	14.06	14.00	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.28	96.6
Toluene-d8	50	40.59	81.2
4-Bromofluorobenzene	50	49.73	99.5

Comments:

Foot Notes:

1st Review: 7/22/99

2nd Review: LR 7/22/99

JUL 22'99 20:39 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.08

Quanterra Air Toxics Lab

Sample Name:	D0CDF102 OHM M9G210231-4	Data Analyzed:	21 Jul 99 23:35
Misc. Info:	500ML 18708-1319 TEDLAR	Method:	MSB0721B
Data Name:	B2346.D	Shift Call.File:	CC07212.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.07	ND	2.00
3)	Chloromethane	-0.14	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.04	ND	2.00
9)	1,1-Dichloroethene	-0.31	ND	2.00
10)	Carbon Disulfid	-0.04	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.02	ND	2.00
12)	Acetone	0.00	ND	10.00
13)	Methylene Chloride	-0.03	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.15	ND	10.00
17)	c-1,2-Dichloroethene	0.30	ND	2.00
18)	2-Butanone		ND	10.00
19)	Chloroform	0.19	ND	2.00
20)	1,1,1-Trichloroethane		ND	2.00
21)	Carbon Tetrachloride	-0.02	ND	2.00
23)	Benzene	0.03	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.01	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene		ND	2.00
30)	4-Methyl-2-Pentanone	-0.08	ND	10.00
32)	Toluene	-0.08	ND	~~2.00~~ 5.0
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane		ND	2.00
36)	Tetrachloroethene	0.00	4.68 ✓	2.00 ✓
37)	2-Hexanone	-0.35	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.01	ND	2.00
42)	p,&m-Xylene	0.03	ND	2.00
43)	o-Xylene	0.01	ND	2.00
44)	Styrene	0.08	ND	2.00
45)	Bromoform		ND	2.00

JUL 22'99 20:39 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.09

d:\gcmsb\990719\B2346.D

Sample Name:	D0CDF102 OHM M9G210231-4	Data Analyzed:	07/21/99 23:35
Misc. Info:	500ML 18708-1319 TEDLAR	Method:	MSB0721B
Data Name:	B2346.D	Shift Call.File:	CC07212.D
Data Path:	d:\gcmsb\990719\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride		ND	10.00
49) 4-Ethyl Toluene	0.01	ND	2.00
50) 1,3,5-Trimethylbenzene	0.11	ND	2.00
51) 1,2,4-Trimethylbenzene	0.17	ND	2.00
52) 1,3-Dichlorobenzene	0.38	ND	2.00
53) 1,4-Dichlorobenzene	0.16	ND	2.00
54) 1,2-Dichlorobenzene	-0.35	ND	2.00
55) 1,2,4-Trichlorobenzene	0.16	ND	20.00
56) Hexachlorobutadiene		ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	268197	297920	OK	7.09	7.09	OK
1,4-Difluorobenzene	688548	782200	OK	8.72	8.72	OK
Chlorobenzene-d5	653149	682255	OK	14.06	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.11	92.2
Toluene-d8	50	39.40	78.8
4-Bromofluorobenzene	50	48.58	97.2

Comments:

Foot Notes:

1st Review: 7/22/99

2nd Review: LK 7/22/99

IT CORPORATION

Client Sample ID: 18708-1316

GC/MS Volatiles

Lot-Sample #...: M9G210231-001 **Work Order #...:** D0CDC101 **Matrix.....:** AIR
Date Sampled...: 07/21/99 09:30 **Date Received..:** 07/21/99
Prep Date.....: 07/22/99 **Analysis Date..:** 07/22/99
Prep Batch #...: 9204412 **Analysis Time..:** 13:21
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1316

GC/MS Volatiles

Lot-Sample #...: M9G210231-001 **Work Order #...:** D0CDC101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

JUL 24'99 10:14 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.08

IT CORPORATION

Client Sample ID: 18708-1317

GC/MS Volatiles

Lot-Sample #...: M9G210231-002 **Work Order #...:** D0CDD101 **Matrix.....:** AIR
Date Sampled...: 07/21/99 09:35 **Date Received..:** 07/21/99
Prep Date.....: 07/22/99 **Analysis Date..:** 07/22/99
Prep Batch #...: 9204412 **Analysis Time..:** 13:48
Dilution Factor: 25
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.25	ug/L
Chloromethane	ND	0.20	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.35	ug/L
Vinyl chloride	ND	0.13	ug/L
Bromomethane	ND	0.20	ug/L
Chloroethane	ND	0.28	ug/L
Trichlorofluoromethane	ND	0.28	ug/L
1,1-Dichloroethene	ND	0.20	ug/L
Carbon disulfide	ND	0.78	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.2**	**0.38**	**ug/L**
Acetone	ND	0.60	ug/L
Methylene chloride	ND	0.17	ug/L
trans-1,2-Dichloroethene	ND	0.20	ug/L
1,1-Dichloroethane	ND	0.20	ug/L
Vinyl acetate	ND	0.88	ug/L
cis-1,2-Dichloroethene	ND	0.20	ug/L
2-Butanone (MEK)	ND	0.72	ug/L
Chloroform	ND	0.24	ug/L
1,1,1-Trichloroethane	ND	0.28	ug/L
Carbon tetrachloride	ND	0.32	ug/L
Benzene	ND	0.16	ug/L
1,2-Dichloroethane	ND	0.20	ug/L
Trichloroethene	**2.7**	**0.28**	**ug/L**
1,2-Dichloropropane	ND	0.23	ug/L
Bromodichloromethane	ND	0.32	ug/L
cis-1,3-Dichloropropene	ND	0.23	ug/L
4-Methyl-2-pentanone (MIBK)	ND	1.0	ug/L
Toluene	ND	0.47	ug/L
trans-1,3-Dichloropropene	ND	0.23	ug/L
1,1,2-Trichloroethane	ND	0.28	ug/L
Tetrachloroethene	**44**	**0.35**	**ug/L**
2-Hexanone	ND	3.0	ug/L
Dibromochloromethane	ND	0.42	ug/L
1,2-Dibromoethane (EDB)	ND	0.38	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1317

GC/MS Volatiles

Lot-Sample #...: M9G210231-002 **Work Order #...:** D0CDD101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.23	ug/L
Ethylbenzene	ND	0.22	ug/L
Xylenes (total)	ND	0.22	ug/L
Styrene	ND	0.21	ug/L
Bromoform	ND	0.52	ug/L
1,1,2,2-Tetrachloroethane	ND	0.35	ug/L
Benzyl chloride	ND	1.3	ug/L
4-Ethyltoluene	ND	0.24	ug/L
1,3,5-Trimethylbenzene	ND	0.24	ug/L
1,2,4-Trimethylbenzene	ND	0.24	ug/L
1,3-Dichlorobenzene	ND	0.30	ug/L
1,4-Dichlorobenzene	ND	0.30	ug/L
1,2-Dichlorobenzene	ND	0.30	ug/L
1,2,4-Trichlorobenzene	ND	3.8	ug/L
Hexachlorobutadiene	ND	1.1	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.90	ug/L

Quanterra Air Toxics Lab

Sample Name:	D0CDE102 OHM M9G210231-3	**Data Analyzed:**	21 Jul 99 22:12
Misc. Info:	500ML 18708-1318 TEDLAR	**Method:**	MSB0721B
Data Name:	B2343.D	**Shift Call.File:**	CC07212.D
Data Path:	D:\GCMSB\990719\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	0.03	ND	0.0089
3)	Chloromethan	-0.05	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)	-0.01	ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.01	ND	0.0112
9)	1,1-Dichloroethene	-0.02	ND	0.0079
10)	Carbon Disulfide	0.00	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	ND	0.0153
12)	Acetone	0.01	ND	0.0237
13)	Methylene Chloride	-0.01	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	-0.33	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.03	ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane	-0.02	ND	0.0109
21)	Carbon Tetrachloride	0.02	ND	0.0126
23)	Benzene	-0.02	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	0.01	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	-0.12	ND	0.0409
32)	Toluene	-0.09	ND	~~0.0075~~ 0.0188
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.10	ND	0.0109
36)	Tetrachloroethene	0.02	0.0882	0.0135
37)	2-Hexanone	0.25	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.06	ND	0.0087
42)	p,&m-Xylene	0.03	ND	0.0087
43)	o-Xylene	-0.01	ND	0.0087
44)	Styrene	0.02	ND	0.0085
45)	Bromoform		ND	0.0206

JUL 22'99 20:38 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.03

Sample Name:	D0CDE102 OHM M9G210231-3	**Data Analyzed:**	07/21/99 22:12
Misc. Info:	500ML 18708-1318 TEDLAR	**Method:**	MSB0721B
Data Name:	B2343.D	**Shift Call.File:**	CC07212.D
Data Path:	D:\GCMSB\990719\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	-0.13	ND	0.0518
49)	4-Ethyl Toluene	0.01	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.04	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.07	ND	0.0098
52)	1,3-Dichlorobenzene	0.31	ND	0.0120
53)	1,4-Dichlorobenzene	0.04	ND	0.0120
54)	1,2-Dichlorobenzene	0.10	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.08	ND	0.1481
56)	Hexachlorobutadiene	0.07	ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	268197	301391	OK	7.09	7.12	OK
1,4-Difluorobenzene	688548	763024	OK	8.72	8.77	OK
Chlorobenzene-d5	653149	741026	OK	14.06	14.00	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.28	96.6
Toluene-d8	50	40.59	81.2
4-Bromofluorobenzene	50	49.73	99.5

Comments:

Foot Notes:

1st Review: 7/22 '99 2nd Review LK 7/22/99

JUL 22'99 20:38 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.04

Quanterra Air Toxics Lab

Sample Name:	D0CDF102 OHM M9G210231-4	**Data Analyzed:**	21 Jul 99 23:35
Misc. Info:	500ML 18708-1319 TEDLAR	**Method:**	MSB0721B
Data Name:	B2346.D	**Shift Call.File:**	CC07212.D
Data Path:	D:\GCMSB\990719\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.07	ND	0.0099
3)	Chloromethan	-0.14	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.04	ND	0.0112
9)	1,1-Dichloroethene	-0.31	ND	0.0079
10)	Carbon Disulfide	-0.04	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.02	ND	0.0153
12)	Acetone	0.00	ND	0.0237
13)	Methylene Chloride	-0.03	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.15	ND	0.0351
17)	c-1,2-Dichloroethene	0.30	ND	0.0079
18)	2-Butanone		ND	0.0294
19)	Chloroform	0.19	ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride	-0.02	ND	0.0126
23)	Benzene	0.03	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.01	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	-0.08	ND	0.0409
32)	Toluene	-0.08	ND	~~0.0075~~ 0.0188
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109
36)	Tetrachloroethene	0.00	0.0317	0.0135
37)	2-Hexanone	-0.36	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.01	ND	0.0087
42)	p,&m-Xylene	0.03	ND	0.0087
43)	o-Xylene	0.01	ND	0.0087
44)	Styrene	0.08	ND	0.0085
45)	Bromoform		ND	0.0206

JUL 22'99 20:38 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.05

Sample Name:	D0CDF102 OHM M9G210231-4	**Data Analyzed:**	07/21/99 23:35
Misc. Info:	500ML 18708-1319 TEDLAR	**Method:**	MSB0721B
Data Name:	B2346.D	**Shift Cali.File:**	CC07212.D
Data Path:	D:\GCMSB\990719\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride		ND	0.0518
49)	4-Ethyl Toluene	0.01	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.11	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.17	ND	0.0098
52)	1,3-Dichlorobenzene	0.38	ND	0.0120
53)	1,4-Dichlorobenzene	0.16	ND	0.0120
54)	1,2-Dichlorobenzene	-0.35	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.16	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	268197	297920	OK	7.09	7.09	OK
1,4-Difluorobenzene	688548	782200	OK	8.72	8.72	OK
Chlorobenzene-d5	653149	682255	OK	14.06	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.11	92.2
Toluene-d8	50	39.40	78.8
4-Bromofluorobenzene	50	48.58	97.2

Comments:

Foot Notes:

1st Review: 7/22/99 2nd Review LK 7/22/99

JUL 22'99 20:39 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.06

OHM Remediation Services Corp
Subsidiary of OHM Corporation
R.R. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY
217085
FORM 8015 REV. 2-97

24SVE18 - 14 days

PROJ. COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID	LABORATORY CONTACT: Quantera	MAIL REPORT (COMPANY NAME): IT Group
PROJECT NAME: El Toro - 0065	PROJECT LOCATION: El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 909-590-1878	LABORATORY FAX	RECEIPT NAME: Dwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS: 1721 S. Grand Ave.		ADDRESS: 3347 Michelson #200
PROJECT ADDRESS	CITY, STATE AND ZIP CODE	CLIENT: SWDIV	CITY, STATE AND ZIP CODE: Santa Ana, CA		CITY, STATE AND ZIP CODE: Irvine, CA 92612
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-261-1661	PROJECT MANAGER'S FAX			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses 70-74	Contingent Analyses						Comments
1	18708-1340	Vapor	8-4	0910	—	2	III	5day	X							Analyze Bag "A" first
2	18708-1341	Vapor	8-4	0813	—	3	III	5day	X							
3	18708-1342	Vapor	8-4	0818	—	2	IV	5day	X							
4	18708-1343	Vapor	8-4	0822	—	2	IV	24hr	X							
5	18708-1344	Vapor	8-4	0825	—	2	III	24hr			X					Analyze if 18708-1343 is detected.
6																
7																
8																
9																
10																

W.J. 8-4-99

SAMPLES COLLECTED BY: Wayne Sellers
COURIER AND AIR BILL NUMBER: Courier
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLES CONDITION UPON RECEIPT
Wayne Sellers		8-4-99		

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE18 - 14 days

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE18 - Ambient	X			
2. 24SVE18 - Influent	X			
3. 24SVE18 - Influent (Dup)	X			X
4. 24SVE18 - mid Pt.	X			
5. 24SVE18 - Effluent	X			

COMMENTS

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

AUG. 4. 1999 9:00AM

IT CORPORATION

Client Sample ID: 18708-1340

GC/MS Volatiles

Lot-Sample #...: M9H040146-001 **Work Order #...:** D0WF9102 **Matrix.....:** AIR
Date Sampled...: 08/04/99 08:10 **Date Received..:** 08/04/99
Prep Date.....: 08/04/99 **Analysis Date..:** 08/04/99
Prep Batch #...: 9217372 **Analysis Time..:** 15:23
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb (v/v)
Chloromethane	ND	4.0	ppb (v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb (v/v)
Vinyl chloride	ND	2.0	ppb (v/v)
Bromomethane	ND	2.0	ppb (v/v)
Chloroethane	ND	4.0	ppb (v/v)
Trichlorofluoromethane	ND	2.0	ppb (v/v)
1,1-Dichloroethene	ND	2.0	ppb (v/v)
Carbon disulfide	ND	10	ppb (v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb (v/v)
Acetone	ND	10	ppb (v/v)
thylene chloride	ND	2.0	ppb (v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb (v/v)
1,1-Dichloroethane	ND	2.0	ppb (v/v)
Vinyl acetate	ND	10	ppb (v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb (v/v)
2-Butanone (MEK)	ND	10	ppb (v/v)
Chloroform	ND	2.0	ppb (v/v)
1,1,1-Trichloroethane	ND	2.0	ppb (v/v)
Carbon tetrachloride	ND	2.0	ppb (v/v)
Benzene	ND	2.0	ppb (v/v)
1,2-Dichloroethane	ND	2.0	ppb (v/v)
Trichloroethene	ND	2.0	ppb (v/v)
1,2-Dichloropropane	ND	2.0	ppb (v/v)
Bromodichloromethane	ND	2.0	ppb (v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb (v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb (v/v)
Toluene	ND	5.0	ppb (v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb (v/v)
1,1,2-Trichloroethane	ND	2.0	ppb (v/v)
Tetrachloroethene	ND	2.0	ppb (v/v)
2-Hexanone	ND	30	ppb (v/v)
Dibromochloromethane	ND	2.0	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb (v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1340

GC/MS Volatiles

Lot-Sample #...: M9H040146-001 **Work Order #...:** D0WF9102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

AUG 5'99 15:51 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.05

IT CORPORATION

Client Sample ID: 18708-1341

GC/MS Volatiles

Lot-Sample #...: M9H040146-002 **Work Order #...:** D0WFD102 **Matrix.....:** AIR
Date Sampled...: 08/04/99 08:13 **Date Received..:** 08/04/99
Prep Date.....: 08/04/99 **Analysis Date..:** 08/04/99
Prep Batch #...: 9217372 **Analysis Time..:** 14:28
Dilution Factor: 20
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	40	ppb(v/v)
Chloromethane	ND	80	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	40	ppb(v/v)
Vinyl chloride	ND	40	ppb(v/v)
Bromomethane	ND	40	ppb(v/v)
Chloroethane	ND	80	ppb(v/v)
Trichlorofluoromethane	ND	40	ppb(v/v)
1,1-Dichloroethene	ND	40	ppb(v/v)
Carbon disulfide	ND	200	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**270**	**40**	**ppb(v/v)**
etone	ND	200	ppb(v/v)
thylene chloride	ND	40	ppb(v/v)
trans-1,2-Dichloroethene	ND	40	ppb(v/v)
1,1-Dichloroethane	ND	40	ppb(v/v)
Vinyl acetate	ND	200	ppb(v/v)
cis-1,2-Dichloroethene	ND	40	ppb(v/v)
2-Butanone (MEK)	ND	200	ppb(v/v)
Chloroform	ND	40	ppb(v/v)
1,1,1-Trichloroethane	ND	40	ppb(v/v)
Carbon tetrachloride	ND	40	ppb(v/v)
Benzene	ND	40	ppb(v/v)
1,2-Dichloroethane	ND	40	ppb(v/v)
Trichloroethene	**470**	**40**	**ppb(v/v)**
1,2-Dichloropropane	ND	40	ppb(v/v)
Bromodichloromethane	ND	40	ppb(v/v)
cis-1,3-Dichloropropene	ND	40	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	200	ppb(v/v)
Toluene	ND	100	ppb(v/v)
trans-1,3-Dichloropropene	ND	40	ppb(v/v)
1,1,2-Trichloroethane	ND	40	ppb(v/v)
Tetrachloroethene	**6100**	**40**	**ppb(v/v)**
2-Hexanone	ND	600	ppb(v/v)
Dibromochloromethane	ND	40	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	40	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1341

GC/MS Volatiles

Lot-Sample #...: M9H040146-002 **Work Order #...:** D0WFD102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	40	ppb (v/v)
Ethylbenzene	ND	40	ppb (v/v)
Xylenes (total)	ND	2.0	ppb (v/v)
Styrene	ND	40	ppb (v/v)
Bromoform	ND	40	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	40	ppb (v/v)
Benzyl chloride	ND	200	ppb (v/v)
4-Ethyltoluene	ND	40	ppb (v/v)
1,3,5-Trimethylbenzene	ND	40	ppb (v/v)
1,2,4-Trimethylbenzene	ND	40	ppb (v/v)
1,3-Dichlorobenzene	ND	40	ppb (v/v)
1,4-Dichlorobenzene	ND	40	ppb (v/v)
1,2-Dichlorobenzene	ND	40	ppb (v/v)
1,2,4-Trichlorobenzene	ND	400	ppb (v/v)
Hexachlorobutadiene	ND	80	ppb (v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb (v/v)

AUG 5'99 15:52 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.07

IT CORPORATION

Client Sample ID: 18708-1342

GC/MS Volatiles

Lot-Sample #...: M9H040146-003 **Work Order #...:** D0WFJ102 **Matrix.....:** AIR
Date Sampled...: 08/04/99 08:18 **Date Received..:** 08/04/99
Prep Date.....: 08/04/99 **Analysis Date..:** 08/04/99
Prep Batch #...: 9217372 **Analysis Time..:** 16:12
Dilution Factor: 20
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	40	ppb (v/v)
Chloromethane	ND	80	ppb (v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	40	ppb (v/v)
Vinyl chloride	ND	40	ppb (v/v)
Bromomethane	ND	40	ppb (v/v)
Chloroethane	ND	80	ppb (v/v)
Trichlorofluoromethane	ND	40	ppb (v/v)
1,1-Dichloroethene	ND	40	ppb (v/v)
Carbon disulfide	ND	200	ppb (v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**280**	**40**	**ppb (v/v)**
ɜtone	ND	200	ppb (v/v)
Methylene chloride	ND	40	ppb (v/v)
trans-1,2-Dichloroethene	ND	40	ppb (v/v)
1,1-Dichloroethane	ND	40	ppb (v/v)
Vinyl acetate	ND	200	ppb (v/v)
cis-1,2-Dichloroethene	ND	40	ppb (v/v)
2-Butanone (MEK)	ND	200	ppb (v/v)
Chloroform	ND	40	ppb (v/v)
1,1,1-Trichloroethane	ND	40	ppb (v/v)
Carbon tetrachloride	ND	40	ppb (v/v)
Benzene	ND	40	ppb (v/v)
1,2-Dichloroethane	ND	40	ppb (v/v)
Trichloroethene	**500**	**40**	**ppb (v/v)**
1,2-Dichloropropane	ND	40	ppb (v/v)
Bromodichloromethane	ND	40	ppb (v/v)
cis-1,3-Dichloropropene	ND	40	ppb (v/v)
4-Methyl-2-pentanone (MIBK)	ND	200	ppb (v/v)
Toluene	ND	100	ppb (v/v)
trans-1,3-Dichloropropene	ND	40	ppb (v/v)
1,1,2-Trichloroethane	ND	40	ppb (v/v)
Tetrachloroethene	**6600**	**40**	**ppb (v/v)**
2-Hexanone	ND	600	ppb (v/v)
Dibromochloromethane	ND	40	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	40	ppb (v/v)

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IT CORPORATION

Client Sample ID: 18708-1342

GC/MS Volatiles

Lot-Sample #...: M9H040146-003 **Work Order #...:** D0WFJ102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	40	ppb(v/v)
Ethylbenzene	ND	40	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	40	ppb(v/v)
Bromoform	ND	40	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	40	ppb(v/v)
Benzyl chloride	ND	200	ppb(v/v)
4-Ethyltoluene	ND	40	ppb(v/v)
1,3,5-Trimethylbenzene	ND	40	ppb(v/v)
1,2,4-Trimethylbenzene	ND	40	ppb(v/v)
1,3-Dichlorobenzene	ND	40	ppb(v/v)
1,4-Dichlorobenzene	ND	40	ppb(v/v)
1,2-Dichlorobenzene	ND	40	ppb(v/v)
1,2,4-Trichlorobenzene	ND	400	ppb(v/v)
Hexachlorobutadiene	ND	80	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1343

GC/MS Volatiles

Lot-Sample #...: M9H040146-004 **Work Order #...:** D0WFK102 **Matrix.....:** AIR
Date Sampled...: 08/04/99 08:22 **Date Received..:** 08/04/99
Prep Date.....: 08/04/99 **Analysis Date..:** 08/04/99
Prep Batch #...: 9217372 **Analysis Time..:** 14:00
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
etone	ND	10	ppb(v/v)
ethylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**38**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1343

GC/MS Volatiles

Lot-Sample #...: M9H040146-004 Work Order #...: D0WFK102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1344

GC/MS Volatiles

Lot-Sample #...: M9H040146-005 **Work Order #...:** D0WFL102 **Matrix.....:** AIR
Date Sampled...: 08/04/99 08:25 **Date Received..:** 08/04/99
Prep Date.....: 08/04/99 **Analysis Date..:** 08/04/99
Prep Batch #...: 9217372 **Analysis Time..:** 14:55
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
etone	ND	10	ppb(v/v)
thylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**38**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1344

GC/MS Volatiles

Lot-Sample #...: M9H040146-005 **Work Order #...:** D0WFL102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

AUG 5'99 15:53 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.13

IT CORPORATION

Client Sample ID: 18708-1340

GC/MS Volatiles

Lot-Sample #...: M9H040146-001 **Work Order #...:** D0WF9101 **Matrix.....:** AIR
Date Sampled...: 08/04/99 08:10 **Date Received..:** 08/04/99
Prep Date.....: 08/04/99 **Analysis Date..:** 08/04/99
Prep Batch #...: 9217355 **Analysis Time..:** 15:23
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
'etone	ND	0.024	ug/L
thylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1340

GC/MS Volatiles

Lot-Sample #...: M9H040146-001 Work Order #...: D0WF9101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

AUG 5'99 15:53 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.15

IT CORPORATION

Client Sample ID: 18708-1341

GC/MS Volatiles

Lot-Sample #...: M9H040146-002 **Work Order #...:** D0WFD101 **Matrix.....:** AIR
Date Sampled...: 08/04/99 08:13 **Date Received..:** 08/04/99
Prep Date.....: 08/04/99 **Analysis Date..:** 08/04/99
Prep Batch #...: 9217355 **Analysis Time..:** 14:28
Dilution Factor: 20
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.20	ug/L
Chloromethane	ND	0.16	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.28	ug/L
Vinyl chloride	ND	0.10	ug/L
Bromomethane	ND	0.16	ug/L
Chloroethane	ND	0.22	ug/L
Trichlorofluoromethane	ND	0.22	ug/L
1,1-Dichloroethene	ND	0.16	ug/L
Carbon disulfide	ND	0.62	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.0**	**0.30**	**ug/L**
Acetone	ND	0.48	ug/L
Methylene chloride	ND	0.14	ug/L
trans-1,2-Dichloroethene	ND	0.16	ug/L
1,1-Dichloroethane	ND	0.16	ug/L
Vinyl acetate	ND	0.70	ug/L
cis-1,2-Dichloroethene	ND	0.16	ug/L
2-Butanone (MEK)	ND	0.58	ug/L
Chloroform	ND	0.19	ug/L
1,1,1-Trichloroethane	ND	0.22	ug/L
Carbon tetrachloride	ND	0.26	ug/L
Benzene	ND	0.13	ug/L
1,2-Dichloroethane	ND	0.16	ug/L
Trichloroethene	**2.5**	**0.22**	**ug/L**
1,2-Dichloropropane	ND	0.18	ug/L
Bromodichloromethane	ND	0.26	ug/L
cis-1,3-Dichloropropene	ND	0.18	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.82	ug/L
Toluene	ND	0.38	ug/L
trans-1,3-Dichloropropene	ND	0.18	ug/L
1,1,2-Trichloroethane	ND	0.22	ug/L
Tetrachloroethene	**41**	**0.28**	**ug/L**
2-Hexanone	ND	2.4	ug/L
Dibromochloromethane	ND	0.34	ug/L
1,2-Dibromoethane (EDB)	ND	0.30	ug/L

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IT CORPORATION

Client Sample ID: 18708-1341

GC/MS Volatiles

Lot-Sample #...: M9H040146-002 **Work Order #...:** D0WFD101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.18	ug/L
Ethylbenzene	ND	0.17	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.17	ug/L
Bromoform	ND	0.42	ug/L
1,1,2,2-Tetrachloroethane	ND	0.28	ug/L
Benzyl chloride	ND	1.0	ug/L
4-Ethyltoluene	ND	0.20	ug/L
1,3,5-Trimethylbenzene	ND	0.20	ug/L
1,2,4-Trimethylbenzene	ND	0.20	ug/L
1,3-Dichlorobenzene	ND	0.24	ug/L
1,4-Dichlorobenzene	ND	0.24	ug/L
1,2-Dichlorobenzene	ND	0.24	ug/L
1,2,4-Trichlorobenzene	ND	3.0	ug/L
Hexachlorobutadiene	ND	0.86	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

AUG 5'99 15:54 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.17

IT CORPORATION

Client Sample ID: 18708-1342

GC/MS Volatiles

Lot-Sample #...: M9H040146-003 **Work Order #...:** D0WFJ101 **Matrix.....:** AIR
Date Sampled...: 08/04/99 08:18 **Date Received..:** 08/04/99
Prep Date.....: 08/04/99 **Analysis Date..:** 08/04/99
Prep Batch #...: 9217355 **Analysis Time..:** 16:12
Dilution Factor: 20
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.20	ug/L
Chloromethane	ND	0.16	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.28	ug/L
Vinyl chloride	ND	0.10	ug/L
Bromomethane	ND	0.16	ug/L
Chloroethane	ND	0.22	ug/L
Trichlorofluoromethane	ND	0.22	ug/L
1,1-Dichloroethene	ND	0.16	ug/L
Carbon disulfide	ND	0.62	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.1**	**0.30**	**ug/L**
Acetone	ND	0.48	ug/L
Methylene chloride	ND	0.14	ug/L
trans-1,2-Dichloroethene	ND	0.16	ug/L
1,1-Dichloroethane	ND	0.16	ug/L
Vinyl acetate	ND	0.70	ug/L
cis-1,2-Dichloroethene	ND	0.16	ug/L
2-Butanone (MEK)	ND	0.58	ug/L
Chloroform	ND	0.19	ug/L
1,1,1-Trichloroethane	ND	0.22	ug/L
Carbon tetrachloride	ND	0.26	ug/L
Benzene	ND	0.13	ug/L
1,2-Dichloroethane	ND	0.16	ug/L
Trichloroethene	**2.7**	**0.22**	**ug/L**
1,2-Dichloropropane	ND	0.18	ug/L
Bromodichloromethane	ND	0.26	ug/L
cis-1,3-Dichloropropene	ND	0.18	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.82	ug/L
Toluene	ND	0.38	ug/L
trans-1,3-Dichloropropene	ND	0.18	ug/L
1,1,2-Trichloroethane	ND	0.22	ug/L
Tetrachloroethene	**44**	**0.28**	**ug/L**
2-Hexanone	ND	2.4	ug/L
Dibromochloromethane	ND	0.34	ug/L
1,2-Dibromoethane (EDB)	ND	0.30	ug/L

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IT CORPORATION

Client Sample ID: 18708-1342

GC/MS Volatiles

Lot-Sample #...: M9H040146-003 Work Order #...: D0WFJ101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.18	ug/L
Ethylbenzene	ND	0.17	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.17	ug/L
Bromoform	ND	0.42	ug/L
1,1,2,2-Tetrachloroethane	ND	0.28	ug/L
Benzyl chloride	ND	1.0	ug/L
4-Ethyltoluene	ND	0.20	ug/L
1,3,5-Trimethylbenzene	ND	0.20	ug/L
1,2,4-Trimethylbenzene	ND	0.20	ug/L
1,3-Dichlorobenzene	ND	0.24	ug/L
1,4-Dichlorobenzene	ND	0.24	ug/L
1,2-Dichlorobenzene	ND	0.24	ug/L
1,2,4-Trichlorobenzene	ND	3.0	ug/L
Hexachlorobutadiene	ND	0.86	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

AUG 5'99 15:54 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.19

IT CORPORATION

Client Sample ID: 18708-1343

GC/MS Volatiles

Lot-Sample #...: M9H040146-004 Work Order #...: D0WFK101 Matrix.....: AIR
Date Sampled...: 08/04/99 08:22 Date Received..: 08/04/99
Prep Date.....: 08/04/99 Analysis Date..: 08/04/99
Prep Batch #...: 9217355 Analysis Time..: 14:00
Dilution Factor: 1
Analyst ID.....: 004648 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.26**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1343

GC/MS Volatiles

Lot-Sample #...: M9H040146-004 **Work Order #...:** D0WFK101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

AUG 5'99 15:55 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.21

IT CORPORATION

Client Sample ID: 18708-1344

GC/MS Volatiles

Lot-Sample #...: M9H040146-005 Work Order #...: D0WFL101 Matrix.....: AIR
Date Sampled...: 08/04/99 08:25 Date Received..: 08/04/99
Prep Date.....: 08/04/99 Analysis Date..: 08/04/99
Prep Batch #...: 9217355 Analysis Time..: 14:55
Dilution Factor: 1
Analyst ID.....: 004648 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.26**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1344

GC/MS Volatiles

Lot-Sample #...: M9H040146-005 **Work Order #...:** D0WFL101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
217097

24SVE 18 - 21 days

FORM 0019 REV. 2-97

LAB COORDINATOR: Brzykowski	LAB COORDINATOR'S PHONE: 949-660-1537	LAB COORDINATOR'S FAX: 949-475-3433	LABORATORY SERVICE ID: M9H110211	LABORATORY CONTACT: Quintana	MAIL REPORT (COMPANY NAME): IT Corp
PROJECT NAME: Tiwo - D065	PROJECT LOCATION: El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 909-591-1478	LABORATORY FAX:	RECIPIENT NAME: Dwight Estrada
PROJECT CONTACT: Brzykowski	PROJECT PHONE NUMBER:	PROJECT FAX:	LABORATORY ADDRESS: 1171 S. Grand Ave.		ADDRESS: 334, Michelson Drive
PROJECT ADDRESS:	CITY, STATE AND ZIPCODE:	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA 92612
PROJECT MANAGER: S. Sedlak	PROJECT MANAGER'S PHONE: 949-261-1661	PROJECT MANAGER'S FAX:			

Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: Continuous Hold	Comments: Analyze Bag "A" first.
18708 - 1349	Vapor	8-11	0740	—	2	III	5day	X		
18708 - 1350	Vapor	8-11	0745	—	3	III	5day	X		
18708 - 1351	Vapor	8-11	0755	—	2	III	24hr	X		
18708 - 1352	Vapor	8-11	0758	—	2	III	24hr	X		Analy. Continuous Hold 18708-1351 is selected

N.D. 8-11-99

SAMPLES COLLECTED BY: Wayne Jeffries
COURIER AND AIR BILL NUMBER: Courier
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Wayne Jeffries	Clay E. Epley	8-11-99	1100	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE 18 - 21 days

Sample Point Location	G	C	F	QC
1. 24SVE18 ambient	X			
2. 24SVE18 Influent	X			
3. 24SVE18 mid pt.	X			
4. 24SVE18 effluent	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

34100585

IT CORPORATION

Client Sample ID: 18708-1349

GC/MS Volatiles

Lot-Sample #...: M9H110211-001 **Work Order #...:** D17C9102 **Matrix.....:** AIR
Date Sampled...: 08/11/99 07:40 **Date Received..:** 08/11/99
Prep Date.....: 08/11/99 **Analysis Date..:** 08/11/99
Prep Batch #...: 9224173 **Analysis Time..:** 17:59
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1349

GC/MS Volatiles

Lot-Sample #...: M9H110211-001 **Work Order #...:** D17C9102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

AUG 12'99 16:32 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.05

IT CORPORATION

Client Sample ID: 18708-1350

GC/MS Volatiles

Lot-Sample #...: M9H110211-002 **Work Order #...:** D17D3102 **Matrix.....:** AIR
Date Sampled...: 08/11/99 07:45 **Date Received..:** 08/11/99
Prep Date.....: 08/11/99 **Analysis Date..:** 08/11/99
Prep Batch #...: 9224173 **Analysis Time..:** 18:58
Dilution Factor: 33
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	66	ppb(v/v)
Chloromethane	ND	130	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	66	ppb(v/v)
Vinyl chloride	ND	66	ppb(v/v)
Bromomethane	ND	66	ppb(v/v)
Chloroethane	ND	130	ppb(v/v)
Trichlorofluoromethane	ND	66	ppb(v/v)
1,1-Dichloroethene	ND	66	ppb(v/v)
Carbon disulfide	ND	330	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**280**	**66**	**ppb(v/v)**
Acetone	ND	330	ppb(v/v)
Methylene chloride	ND	66	ppb(v/v)
trans-1,2-Dichloroethene	ND	66	ppb(v/v)
1,1-Dichloroethane	ND	66	ppb(v/v)
Vinyl acetate	ND	330	ppb(v/v)
cis-1,2-Dichloroethene	ND	66	ppb(v/v)
2-Butanone (MEK)	ND	330	ppb(v/v)
Chloroform	ND	66	ppb(v/v)
1,1,1-Trichloroethane	ND	66	ppb(v/v)
Carbon tetrachloride	ND	66	ppb(v/v)
Benzene	ND	66	ppb(v/v)
1,2-Dichloroethane	ND	66	ppb(v/v)
Trichloroethene	**460**	**66**	**ppb(v/v)**
1,2-Dichloropropane	ND	66	ppb(v/v)
Bromodichloromethane	ND	66	ppb(v/v)
cis-1,3-Dichloropropene	ND	66	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	330	ppb(v/v)
Toluene	ND	160	ppb(v/v)
trans-1,3-Dichloropropene	ND	66	ppb(v/v)
1,1,2-Trichloroethane	ND	66	ppb(v/v)
Tetrachloroethene	**6100**	**66**	**ppb(v/v)**
2-Hexanone	ND	990	ppb(v/v)
Dibromochloromethane	ND	66	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	66	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1350

GC/MS Volatiles

Lot-Sample #...: M9H110211-002 **Work Order #...:** D17D3102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	66	ppb(v/v)
Ethylbenzene	ND	66	ppb(v/v)
Xylenes (total)	ND	66	ppb(v/v)
Styrene	ND	66	ppb(v/v)
Bromoform	ND	66	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	66	ppb(v/v)
Benzyl chloride	ND	330	ppb(v/v)
4-Ethyltoluene	ND	66	ppb(v/v)
1,3,5-Trimethylbenzene	ND	66	ppb(v/v)
1,2,4-Trimethylbenzene	ND	66	ppb(v/v)
1,3-Dichlorobenzene	ND	66	ppb(v/v)
1,4-Dichlorobenzene	ND	66	ppb(v/v)
1,2-Dichlorobenzene	ND	66	ppb(v/v)
1,2,4-Trichlorobenzene	ND	660	ppb(v/v)
Hexachlorobutadiene	ND	130	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	330	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1351

GC/MS Volatiles

Lot-Sample #...: M9H110211-003 **Work Order #...:** D17D7102 **Matrix.....:** AIR
Date Sampled...: 08/11/99 07:55 **Date Received..:** 08/11/99
Prep Date.....: 08/11/99 **Analysis Date..:** 08/11/99
Prep Batch #...: 9224173 **Analysis Time..:** 16:26
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	**4.8**	**2.0**	**ppb(v/v)**
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	**5.4**	**2.0**	**ppb(v/v)**
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**29**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1351

GC/MS Volatiles

Lot-Sample #...: M9H110211-003 **Work Order #...:** D17D7102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	**3.1**	**2.0**	**ppb(v/v)**
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1352

GC/MS Volatiles

Lot-Sample #...: M9H110211-004 **Work Order #...:** D17DD102 **Matrix.....:** AIR
Date Sampled...: 08/11/99 07:58 **Date Received..:** 08/11/99
Prep Date.....: 08/11/99 **Analysis Date..:** 08/11/99
Prep Batch #...: 9224173 **Analysis Time..:** 16:57
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**14**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1352

GC/MS Volatiles

Lot-Sample #...: M9H110211-004 Work Order #...: D17DD102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1349

GC/MS Volatiles

Lot-Sample #...: M9H110211-001 **Work Order #...:** D17C9101 **Matrix.....:** AIR
Date Sampled...: 08/11/99 07:40 **Date Received..:** 08/11/99
Prep Date.....: 08/11/99 **Analysis Date..:** 08/11/99
Prep Batch #...: 9224175 **Analysis Time..:** 17:59
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1349

GC/MS Volatiles

Lot-Sample #...: M9H110211-001 Work Order #...: D17C9101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1350

GC/MS Volatiles

Lot-Sample #...: M9H110211-002 **Work Order #...:** D17D3101 **Matrix.....:** AIR
Date Sampled...: 08/11/99 07:45 **Date Received..:** 08/11/99
Prep Date.....: 08/11/99 **Analysis Date..:** 08/11/99
Prep Batch #...: 9224175 **Analysis Time..:** 18:58
Dilution Factor: 33
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.33	ug/L
Chloromethane	ND	0.27	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.46	ug/L
Vinyl chloride	ND	0.17	ug/L
Bromomethane	ND	0.26	ug/L
Chloroethane	ND	0.36	ug/L
Trichlorofluoromethane	ND	0.36	ug/L
1,1-Dichloroethene	ND	0.26	ug/L
Carbon disulfide	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.2**	**0.50**	**ug/L**
Acetone	ND	0.79	ug/L
Methylene chloride	ND	0.23	ug/L
trans-1,2-Dichloroethene	ND	0.26	ug/L
1,1-Dichloroethane	ND	0.27	ug/L
Vinyl acetate	ND	1.2	ug/L
cis-1,2-Dichloroethene	ND	0.26	ug/L
2-Butanone (MEK)	ND	0.96	ug/L
Chloroform	ND	0.32	ug/L
1,1,1-Trichloroethane	ND	0.36	ug/L
Carbon tetrachloride	ND	0.43	ug/L
Benzene	ND	0.21	ug/L
1,2-Dichloroethane	ND	0.27	ug/L
Trichloroethene	**2.5**	**0.36**	**ug/L**
1,2-Dichloropropane	ND	0.30	ug/L
Bromodichloromethane	ND	0.43	ug/L
cis-1,3-Dichloropropene	ND	0.30	ug/L
4-Methyl-2-pentanone (MIBK)	ND	1.4	ug/L
Toluene	ND	0.62	ug/L
trans-1,3-Dichloropropene	ND	0.30	ug/L
1,1,2-Trichloroethane	ND	0.36	ug/L
Tetrachloroethene	**41**	**0.46**	**ug/L**
2-Hexanone	ND	4.0	ug/L
Dibromochloromethane	ND	0.56	ug/L
1,2-Dibromoethane (EDB)	ND	0.50	ug/L

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IT CORPORATION

Client Sample ID: 18708-1350

GC/MS Volatiles

Lot-Sample #...: M9H110211-002 **Work Order #...:** D17D3101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.30	ug/L
Ethylbenzene	ND	0.29	ug/L
Xylenes (total)	ND	0.29	ug/L
Styrene	ND	0.28	ug/L
Bromoform	ND	0.69	ug/L
1,1,2,2-Tetrachloroethane	ND	0.46	ug/L
Benzyl chloride	ND	1.7	ug/L
4-Ethyltoluene	ND	0.32	ug/L
1,3,5-Trimethylbenzene	ND	0.32	ug/L
1,2,4-Trimethylbenzene	ND	0.32	ug/L
1,3-Dichlorobenzene	ND	0.40	ug/L
1,4-Dichlorobenzene	ND	0.40	ug/L
1,2-Dichlorobenzene	ND	0.40	ug/L
1,2,4-Trichlorobenzene	ND	5.0	ug/L
Hexachlorobutadiene	ND	1.4	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.2	ug/L

IT CORPORATION

Client Sample ID: 18708-1351

GC/MS Volatiles

Lot-Sample #...: M9H110211-003 **Work Order #...:** D17D7101 **Matrix.....:** AIR
Date Sampled...: 08/11/99 07:55 **Date Received..:** 08/11/99
Prep Date.....: 08/11/99 **Analysis Date..:** 08/11/99
Prep Batch #...: 9224175 **Analysis Time..:** 16:26
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	**0.019**	**0.0079**	**ug/L**
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	**0.017**	**0.0064**	**ug/L**
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.20**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1351

GC/MS Volatiles

Lot-Sample #...: M9H110211-003 **Work Order #...:** D17D7101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	**0.013**	**0.0087**	**ug/L**
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

AUG 12'99 16:35 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.17

IT CORPORATION

Client Sample ID: 18708-1352

GC/MS Volatiles

Lot-Sample #...: M9H110211-004 **Work Order #...:** D17DD101 **Matrix.....:** AIR
Date Sampled...: 08/11/99 07:58 **Date Received..:** 08/11/99
Prep Date.....: 08/11/99 **Analysis Date..:** 08/11/99
Prep Batch #...: 9224175 **Analysis Time..:** 16:57
Dilution Factor: 1
Analyst ID.....: 004648 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.095**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1352

GC/MS Volatiles

Lot-Sample #...: M9H110211-004 **Work Order #...:** D17DD101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

COMPLETED 8/27/98

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

24SVE18- 35 day

PROJECT DATA MANAGER'S COPY
217099
FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-475-2433	LABORATORY SERVICE ID: M9H250195	LABORATORY CONTACT: Quantera	MAIL REPORT (COMPANY NAME): IT Group
PROJECT NAME: El Toro - DX65	PROJECT LOCATION: El Toro, CA	PROJECT NUMBER: 18708	LABORATORY PHONE: 909-590-1871	LABORATORY FAX:	RECIPIENT NAME: Dwayne Jolinda
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER:	PROJECT FAX:	LABORATORY ADDRESS: 1721 S. Grand Ave.		ADDRESS: 3347 Michelson Dr. #200
PROJECT ADDRESS:	CITY, STATE AND ZIPCODE:	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA 92612
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-261-1661	PROJECT MANAGER'S FAX:			

Item	Sample Identifier	Matrix	Sample Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses 70-14	Analyses Contingent Hold							Comments
																	Analyze Bag "A" first
1	18708-1357	Vapor	8-25	0811	—	2	III	5day	X								
2	18708-1358	Vapor	8-25	0845	—	3	III	5day	X								
3	18708-1359	Vapor	8-25	0820	—	2	IV	5day	X								
4	18708-1360	Vapor	8-25	0827	—	2	III	24hr	X								
5	18708-1361	Vapor	8-25	0831	—	2	III	24hr	X	X							Analyze only if 18708-1360 is tested
6																	
7																	
8																	
9																	
10																	

8-25-98

SAMPLES COLLECTED BY: Wai-Lynn Jefferson
COURIER AND AIR BILL NUMBER: courier
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Wai-Lynn Jefferson	Adrian Rodriguez	8/25/98	1030	
Adrian Rodriguez	[illegible]	8/25/98	1415	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

24SVE18-35day

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE18-~~influent~~ ambient - 35 days	X			
2. 24SVE18-~~effluent~~ influent - 35 days	X			
3. 24SVE18-~~effluent~~ CONTROL - 35 days	X			X
4. 24SVE18-~~field~~ Ph. 35 days	X			
5. 24SVE18-~~effluent~~ 35 days	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

341005T

IT CORPORATION

Client Sample ID: 18708-1357

GC/MS Volatiles

Lot-Sample #...: M9H250195-001 **Work Order #...:** D1QDT102 **Matrix.....:** AIR
Date Sampled...: 08/25/99 08:11 **Date Received..:** 08/25/99
Prep Date.....: 08/25/99 **Analysis Date..:** 08/25/99
Prep Batch #...: 9238220 **Analysis Time..:** 16:03
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	**3.3**	**2.0**	**ppb(v/v)**
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	**5.0**	**5.0**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1357

GC/MS Volatiles

Lot-Sample #...: M9H250195-001 **Work Order #...:** D1QDT102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1358

GC/MS Volatiles

Lot-Sample #...: M9H250195-002 **Work Order #...:** D1QDV102 **Matrix.....:** AIR
Date Sampled...: 08/25/99 08:15 **Date Received..:** 08/25/99
Prep Date.....: 08/25/99 **Analysis Date..:** 08/25/99
Prep Batch #...: 9238220 **Analysis Time..:** 17:39
Dilution Factor: 20
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	40	ppb(v/v)
Chloromethane	ND	80	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	40	ppb(v/v)
Vinyl chloride	ND	40	ppb(v/v)
Bromomethane	ND	40	ppb(v/v)
Chloroethane	ND	80	ppb(v/v)
Trichlorofluoromethane	ND	40	ppb(v/v)
1,1-Dichloroethene	ND	40	ppb(v/v)
Carbon disulfide	ND	200	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**140**	**40**	**ppb(v/v)**
tone	ND	200	ppb(v/v)
hylene chloride	ND	40	ppb(v/v)
trans-1,2-Dichloroethene	ND	40	ppb(v/v)
1,1-Dichloroethane	ND	40	ppb(v/v)
Vinyl acetate	ND	200	ppb(v/v)
cis-1,2-Dichloroethene	ND	40	ppb(v/v)
2-Butanone (MEK)	ND	200	ppb(v/v)
Chloroform	ND	40	ppb(v/v)
1,1,1-Trichloroethane	ND	40	ppb(v/v)
Carbon tetrachloride	ND	40	ppb(v/v)
Benzene	ND	40	ppb(v/v)
1,2-Dichloroethane	ND	40	ppb(v/v)
Trichloroethene	**350**	**40**	**ppb(v/v)**
1,2-Dichloropropane	ND	40	ppb(v/v)
Bromodichloromethane	ND	40	ppb(v/v)
cis-1,3-Dichloropropene	ND	40	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	200	ppb(v/v)
Toluene	ND	100	ppb(v/v)
trans-1,3-Dichloropropene	ND	40	ppb(v/v)
1,1,2-Trichloroethane	ND	40	ppb(v/v)
Tetrachloroethene	**5100**	**40**	**ppb(v/v)**
2-Hexanone	ND	600	ppb(v/v)
Dibromochloromethane	ND	40	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	40	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1358

GC/MS Volatiles

Lot-Sample #...: M9H250195-002 **Work Order #...:** D1QDV102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	40	ppb(v/v)
Ethylbenzene	ND	40	ppb(v/v)
Xylenes (total)	ND	40	ppb(v/v)
Styrene	ND	40	ppb(v/v)
Bromoform	ND	40	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	40	ppb(v/v)
Benzyl chloride	ND	200	ppb(v/v)
4-Ethyltoluene	ND	40	ppb(v/v)
1,3,5-Trimethylbenzene	ND	40	ppb(v/v)
1,2,4-Trimethylbenzene	ND	40	ppb(v/v)
1,3-Dichlorobenzene	ND	40	ppb(v/v)
1,4-Dichlorobenzene	ND	40	ppb(v/v)
1,2-Dichlorobenzene	ND	40	ppb(v/v)
1,2,4-Trichlorobenzene	ND	400	ppb(v/v)
Hexachlorobutadiene	ND	80	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	200	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1359

GC/MS Volatiles

Lot-Sample #...: M9H250195-003 Work Order #...: D1QDW102 Matrix.....: AIR
Date Sampled...: 08/25/99 08:20 Date Received..: 08/25/99
Prep Date.....: 08/25/99 Analysis Date..: 08/25/99
Prep Batch #...: 9238220 Analysis Time..: 18:08
Dilution Factor: 20
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	40	ppb(v/v)
Chloromethane	ND	80	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	40	ppb(v/v)
Vinyl chloride	ND	40	ppb(v/v)
Bromomethane	ND	40	ppb(v/v)
Chloroethane	ND	80	ppb(v/v)
Trichlorofluoromethane	ND	40	ppb(v/v)
1,1-Dichloroethene	ND	40	ppb(v/v)
Carbon disulfide	ND	200	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**140**	**40**	**ppb(v/v)**
tone	ND	200	ppb(v/v)
Methylene chloride	ND	40	ppb(v/v)
trans-1,2-Dichloroethene	ND	40	ppb(v/v)
1,1-Dichloroethane	ND	40	ppb(v/v)
Vinyl acetate	ND	200	ppb(v/v)
cis-1,2-Dichloroethene	ND	40	ppb(v/v)
2-Butanone (MEK)	ND	200	ppb(v/v)
Chloroform	ND	40	ppb(v/v)
1,1,1-Trichloroethane	ND	40	ppb(v/v)
Carbon tetrachloride	ND	40	ppb(v/v)
Benzene	ND	40	ppb(v/v)
1,2-Dichloroethane	ND	40	ppb(v/v)
Trichloroethene	**350**	**40**	**ppb(v/v)**
1,2-Dichloropropane	ND	40	ppb(v/v)
Bromodichloromethane	ND	40	ppb(v/v)
cis-1,3-Dichloropropene	ND	40	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	200	ppb(v/v)
Toluene	ND	100	ppb(v/v)
trans-1,3-Dichloropropene	ND	40	ppb(v/v)
1,1,2-Trichloroethane	ND	40	ppb(v/v)
Tetrachloroethene	**4900**	**40**	**ppb(v/v)**
2-Hexanone	ND	600	ppb(v/v)
Dibromochloromethane	ND	40	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	40	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1359

GC/MS Volatiles

Lot-Sample #...: M9H250195-003 Work Order #...: D1QDW102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	40	ppb(v/v)
Ethylbenzene	ND	40	ppb(v/v)
Xylenes (total)	ND	40	ppb(v/v)
Styrene	ND	40	ppb(v/v)
Bromoform	ND	40	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	40	ppb(v/v)
Benzyl chloride	ND	200	ppb(v/v)
4-Ethyltoluene	ND	40	ppb(v/v)
1,3,5-Trimethylbenzene	ND	40	ppb(v/v)
1,2,4-Trimethylbenzene	ND	40	ppb(v/v)
1,3-Dichlorobenzene	ND	40	ppb(v/v)
1,4-Dichlorobenzene	ND	40	ppb(v/v)
1,2-Dichlorobenzene	ND	40	ppb(v/v)
1,2,4-Trichlorobenzene	ND	400	ppb(v/v)
Hexachlorobutadiene	ND	80	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	200	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1360

GC/MS Volatiles

Lot-Sample #...: M9H250195-004 **Work Order #...:** D1QDX102 **Matrix.....:** AIR
Date Sampled...: 08/25/99 08:27 **Date Received..:** 08/25/99
Prep Date.....: 08/25/99 **Analysis Date..:** 08/25/99
Prep Batch #...: 9238220 **Analysis Time..:** 16:40
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	**9.9**	**2.0**	**ppb(v/v)**
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	**11**	**5.0**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**27**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1360

GC/MS Volatiles

Lot-Sample #...: M9H250195-004 **Work Order #...:** D1QDX102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	**8.2**	**2.0**	**ppb(v/v)**
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1361

GC/MS Volatiles

Lot-Sample #...: M9H250195-005 **Work Order #...:** D1QE0102 **Matrix.....:** AIR
Date Sampled...: 08/25/99 08:31 **Date Received..:** 08/25/99
Prep Date.....: 08/25/99 **Analysis Date..:** 08/25/99
Prep Batch #...: 9238220 **Analysis Time..:** 17:10
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**21**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1361

GC/MS Volatiles

Lot-Sample #...: M9H250195-005 **Work Order #...:** D1QE0102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1357

GC/MS Volatiles

Lot-Sample #...: M9H250195-001 **Work Order #...:** D1QDT101 **Matrix.....:** AIR
Date Sampled...: 08/25/99 08:11 **Date Received..:** 08/25/99
Prep Date.....: 08/25/99 **Analysis Date..:** 08/25/99
Prep Batch #...: 9238221 **Analysis Time..:** 16:03
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
etone	ND	0.024	ug/L
chylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	**0.011**	**0.0064**	**ug/L**
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	**0.019**	**0.019**	**ug/L**
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1357

GC/MS Volatiles

Lot-Sample #...: M9H250195-001 Work Order #...: D1QDT101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1358

GC/MS Volatiles

Lot-Sample #...: M9H250195-002 **Work Order #...:** D1QDV101 **Matrix.....:** AIR
Date Sampled...: 08/25/99 08:15 **Date Received..:** 08/25/99
Prep Date.....: 08/25/99 **Analysis Date..:** 08/25/99
Prep Batch #...: 9238221 **Analysis Time..:** 17:39
Dilution Factor: 20
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.20	ug/L
Chloromethane	ND	0.16	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.28	ug/L
Vinyl chloride	ND	0.10	ug/L
Bromomethane	ND	0.16	ug/L
Chloroethane	ND	0.22	ug/L
Trichlorofluoromethane	ND	0.22	ug/L
1,1-Dichloroethene	ND	0.16	ug/L
Carbon disulfide	ND	0.62	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.1**	**0.30**	**ug/L**
Acetone	ND	0.48	ug/L
Methylene chloride	ND	0.14	ug/L
trans-1,2-Dichloroethene	ND	0.16	ug/L
1,1-Dichloroethane	ND	0.16	ug/L
Vinyl acetate	ND	0.70	ug/L
cis-1,2-Dichloroethene	ND	0.16	ug/L
2-Butanone (MEK)	ND	0.58	ug/L
Chloroform	ND	0.19	ug/L
1,1,1-Trichloroethane	ND	0.22	ug/L
Carbon tetrachloride	ND	0.26	ug/L
Benzene	ND	0.13	ug/L
1,2-Dichloroethane	ND	0.16	ug/L
Trichloroethene	**1.9**	**0.22**	**ug/L**
1,2-Dichloropropane	ND	0.18	ug/L
Bromodichloromethane	ND	0.26	ug/L
cis-1,3-Dichloropropene	ND	0.18	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.82	ug/L
Toluene	ND	0.38	ug/L
trans-1,3-Dichloropropene	ND	0.18	ug/L
1,1,2-Trichloroethane	ND	0.22	ug/L
Tetrachloroethene	**34**	**0.28**	**ug/L**
2-Hexanone	ND	2.4	ug/L
Dibromochloromethane	ND	0.34	ug/L
1,2-Dibromoethane (EDB)	ND	0.30	ug/L

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IT CORPORATION

Client Sample ID: 18708-1358

GC/MS Volatiles

Lot-Sample #...: M9H250195-002 **Work Order #...:** D1QDV101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.18	ug/L
Ethylbenzene	ND	0.17	ug/L
Xylenes (total)	ND	0.17	ug/L
Styrene	ND	0.17	ug/L
Bromoform	ND	0.42	ug/L
1,1,2,2-Tetrachloroethane	ND	0.28	ug/L
Benzyl chloride	ND	1.0	ug/L
4-Ethyltoluene	ND	0.20	ug/L
1,3,5-Trimethylbenzene	ND	0.20	ug/L
1,2,4-Trimethylbenzene	ND	0.20	ug/L
1,3-Dichlorobenzene	ND	0.24	ug/L
1,4-Dichlorobenzene	ND	0.24	ug/L
1,2-Dichlorobenzene	ND	0.24	ug/L
1,2,4-Trichlorobenzene	ND	3.0	ug/L
Hexachlorobutadiene	ND	0.86	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.72	ug/L

IT CORPORATION

Client Sample ID: 18708-1359

GC/MS Volatiles

Lot-Sample #...: M9H250195-003 **Work Order #...:** D1QDW101 **Matrix.....:** AIR
Date Sampled...: 08/25/99 08:20 **Date Received..:** 08/25/99
Prep Date.....: 08/25/99 **Analysis Date..:** 08/25/99
Prep Batch #...: 9238221 **Analysis Time..:** 18:08
Dilution Factor: 20
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.20	ug/L
Chloromethane	ND	0.16	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.28	ug/L
Vinyl chloride	ND	0.10	ug/L
Bromomethane	ND	0.16	ug/L
Chloroethane	ND	0.22	ug/L
Trichlorofluoromethane	ND	0.22	ug/L
1,1-Dichloroethene	ND	0.16	ug/L
Carbon disulfide	ND	0.62	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.1**	**0.30**	**ug/L**
etone	ND	0.48	ug/L
Methylene chloride	ND	0.14	ug/L
trans-1,2-Dichloroethene	ND	0.16	ug/L
1,1-Dichloroethane	ND	0.16	ug/L
Vinyl acetate	ND	0.70	ug/L
cis-1,2-Dichloroethene	ND	0.16	ug/L
2-Butanone (MEK)	ND	0.58	ug/L
Chloroform	ND	0.19	ug/L
1,1,1-Trichloroethane	ND	0.22	ug/L
Carbon tetrachloride	ND	0.26	ug/L
Benzene	ND	0.13	ug/L
1,2-Dichloroethane	ND	0.16	ug/L
Trichloroethene	**1.9**	**0.22**	**ug/L**
1,2-Dichloropropane	ND	0.18	ug/L
Bromodichloromethane	ND	0.26	ug/L
cis-1,3-Dichloropropene	ND	0.18	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.82	ug/L
Toluene	ND	0.38	ug/L
trans-1,3-Dichloropropene	ND	0.18	ug/L
1,1,2-Trichloroethane	ND	0.22	ug/L
Tetrachloroethene	**33**	**0.28**	**ug/L**
2-Hexanone	ND	2.4	ug/L
Dibromochloromethane	ND	0.34	ug/L
1,2-Dibromoethane (EDB)	ND	0.30	ug/L

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IT CORPORATION

Client Sample ID: 18708-1359

GC/MS Volatiles

Lot-Sample #...: M9H250195-003 **Work Order #...:** D1QDW101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.18	ug/L
Ethylbenzene	ND	0.17	ug/L
Xylenes (total)	ND	0.17	ug/L
Styrene	ND	0.17	ug/L
Bromoform	ND	0.42	ug/L
1,1,2,2-Tetrachloroethane	ND	0.28	ug/L
Benzyl chloride	ND	1.0	ug/L
4-Ethyltoluene	ND	0.20	ug/L
1,3,5-Trimethylbenzene	ND	0.20	ug/L
1,2,4-Trimethylbenzene	ND	0.20	ug/L
1,3-Dichlorobenzene	ND	0.24	ug/L
1,4-Dichlorobenzene	ND	0.24	ug/L
1,2-Dichlorobenzene	ND	0.24	ug/L
1,2,4-Trichlorobenzene	ND	3.0	ug/L
Hexachlorobutadiene	ND	0.86	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.72	ug/L

IT CORPORATION

Client Sample ID: 18708-1360

GC/MS Volatiles

Lot-Sample #...: M9H250195-004 **Work Order #...:** D1QDX101 **Matrix.....:** AIR
Date Sampled...: 08/25/99 08:27 **Date Received..:** 08/25/99
Prep Date.....: 08/25/99 **Analysis Date..:** 08/25/99
Prep Batch #...: 9238221 **Analysis Time..:** 16:40
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	**0.031**	**0.0064**	**ug/L**
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	**0.041**	**0.019**	**ug/L**
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.18**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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IT CORPORATION

Client Sample ID: 18708-1360

GC/MS Volatiles

Lot-Sample #...: M9H250195-004 **Work Order #...:** D1QDX101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	**0.035**	**0.0087**	**ug/L**
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-1361

GC/MS Volatiles

Lot-Sample #...: M9H250195-005 **Work Order #...:** D1QE0101 **Matrix.....:** AIR
Date Sampled...: 08/25/99 08:31 **Date Received..:** 08/25/99
Prep Date.....: 08/25/99 **Analysis Date..:** 08/25/99
Prep Batch #...: 9238221 **Analysis Time..:** 17:10
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
etone	ND	0.024	ug/L
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	**0.14**	**0.014**	**ug/L**
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L

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AUG 27'99 10:19 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.21

IT CORPORATION

Client Sample ID: 18708-1361

GC/MS Volatiles

Lot-Sample #...: M9H250195-005 **Work Order #...:** D1QE0101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

HM Remediation Services Corp
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY 222591

245VE18 - 49 day

FORM 0019 REV. 2-97

CHAIN-OF-CUSTODY CONTACT: L. Bienkowski	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: 949-405-5433	LABORATORY SERVICE ID: M9E080285	LABORATORY CONTACT: Quantera	MAIL REPORT (COMPANY NAME): IT
PROJECT NAME: El Toro - D065	PROJECT LOCATION: MCAS El Toro	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: —	REPORT TO: Duwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT MANAGER'S PHONE: 949-451-1665	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. Grand	ADDRESS: 3347 Michelson	
PROJECT ADDRESS: —	CITY, STATE AND ZIP CODE: —	CLIENT: SWDIV	CITY, STATE AND ZIP CODE: Santa Ana, CA	CITY, STATE AND ZIP CODE: Irvine, CA	
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: 949-660-5446	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Cathodgraph-1000							Comments
																	Analyze by "A" first
1	18708-1395	Vapor	9-8	0750	—	2	III	5day	X								
2	18708-1396	Vapor	9-8	0755	—	3	III	5day	X								
3	18708-1397	Vapor	9-8	0900	—	2	III	24hr	X								
4	18708-1318	Vapor	9-8	0905	—	2	III	24hr	X	X							Analyze only if 18708-1397 has detection
5																	
6																	
7																	
8																	
9																	
10																	

WL 9/8/99

SAMPLES COLLECTED BY: W. Jefferson

COURIER AND AIRBILL NUMBER: Courier

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE CONDITION UPON RECEIPT
Wayne Jeff		9/9/99		

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

245VE18 - 49 day

Sample Point Location	Sample Type G	C	F	QC
1. 245VE18 Ambient 49 day	X			
2. 245VE18 Influent 49 day	X			
3. 245VE18 Midpoint 49 day	X			
4. 245VE18 Effluent 49 day	X			

Comments:

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

IT CORPORATION

Client Sample ID: 18708-1395

GC/MS Volatiles

Lot-Sample #...: M9I080245-001 Work Order #...: D27P0102 Matrix.....: AIR
Date Sampled...: 09/08/99 07:50 Date Received..: 09/08/99
Prep Date.....: 09/09/99 Analysis Date..: 09/09/99
Prep Batch #...: 9254109 Analysis Time..: 12:48
Dilution Factor: 1
Analyst ID.....: 004648 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1395

GC/MS Volatiles

Lot-Sample #...: M9I080245-001 Work Order #...: D27P0102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1396

GC/MS Volatiles

Lot-Sample #...: M9I080245-002 Work Order #...: D27P3102 Matrix.....: AIR
Date Sampled...: 09/08/99 07:55 Date Received..: 09/08/99
Prep Date.....: 09/09/99 Analysis Date..: 09/09/99
Prep Batch #...: 9254109 Analysis Time..: 13:19
Dilution Factor: 20
Analyst ID.....: 004648 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	40	ppb(v/v)
Chloromethane	ND	80	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	40	ppb(v/v)
Vinyl chloride	ND	40	ppb(v/v)
Bromomethane	ND	40	ppb(v/v)
Chloroethane	ND	80	ppb(v/v)
Trichlorofluoromethane	ND	40	ppb(v/v)
1,1-Dichloroethene	ND	40	ppb(v/v)
Carbon disulfide	ND	200	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**160**	**40**	**ppb(v/v)**
Acetone	ND	200	ppb(v/v)
Methylene chloride	ND	40	ppb(v/v)
trans-1,2-Dichloroethene	ND	40	ppb(v/v)
1,1-Dichloroethane	ND	40	ppb(v/v)
Vinyl acetate	ND	200	ppb(v/v)
cis-1,2-Dichloroethene	ND	40	ppb(v/v)
2-Butanone (MEK)	ND	200	ppb(v/v)
Chloroform	ND	40	ppb(v/v)
1,1,1-Trichloroethane	ND	40	ppb(v/v)
Carbon tetrachloride	ND	40	ppb(v/v)
Benzene	ND	40	ppb(v/v)
1,2-Dichloroethane	ND	40	ppb(v/v)
Trichloroethene	**370**	**40**	**ppb(v/v)**
1,2-Dichloropropane	ND	40	ppb(v/v)
Bromodichloromethane	ND	40	ppb(v/v)
cis-1,3-Dichloropropene	ND	40	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	200	ppb(v/v)
Toluene	ND	100	ppb(v/v)
trans-1,3-Dichloropropene	ND	40	ppb(v/v)
1,1,2-Trichloroethane	ND	40	ppb(v/v)
Tetrachloroethene	**5300**	**40**	**ppb(v/v)**
2-Hexanone	ND	600	ppb(v/v)
Dibromochloromethane	ND	40	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	40	ppb(v/v)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1396

GC/MS Volatiles

Lot-Sample #...: M9I080245-002 Work Order #...: D27P3102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	40	ppb(v/v)
Ethylbenzene	ND	40	ppb(v/v)
Xylenes (total)	ND	40	ppb(v/v)
Styrene	ND	40	ppb(v/v)
Bromoform	ND	40	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	40	ppb(v/v)
Benzyl chloride	ND	200	ppb(v/v)
4-Ethyltoluene	ND	40	ppb(v/v)
1,3,5-Trimethylbenzene	ND	40	ppb(v/v)
1,2,4-Trimethylbenzene	ND	40	ppb(v/v)
1,3-Dichlorobenzene	ND	40	ppb(v/v)
1,4-Dichlorobenzene	ND	40	ppb(v/v)
1,2-Dichlorobenzene	ND	40	ppb(v/v)
1,2,4-Trichlorobenzene	ND	400	ppb(v/v)
Hexachlorobutadiene	ND	80	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	200	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-1397

GC/MS Volatiles

Lot-Sample #...: M9I080245-003 Work Order #...: D27P4102 Matrix.....: AIR
Date Sampled...: 09/08/99 08:00 Date Received..: 09/08/99
Prep Date.....: 09/08/99 Analysis Date..: 09/08/99
Prep Batch #...: 9252369 Analysis Time..: 16:40
Dilution Factor: 1
Analyst ID.....: 007319 Instrument ID..: MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**49**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-1397

GC/MS Volatiles

Lot-Sample #...: M9I080245-003 Work Order #...: D27P4102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

SEP 9'99 16:44 FR QUANTERRA-SANTA ANA 714 258 0921 TO IT GROUP IRVINE P.04

Continue

IT CORPORATION

Client Sample ID: 18708-1398

GC/MS Volatiles

Lot-Sample #...: M9I080245-004 **Work Order #...:** D27P5102 **Matrix.....:** AIR
Date Sampled...: 09/08/99 08:05 **Date Received..:** 09/08/99
Prep Date.....: 09/08/99 **Analysis Date..:** 09/08/99
Prep Batch #...: 9252369 **Analysis Time..:** 17:11
Dilution Factor: 1
Analyst ID.....: 007319 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	**35**	**2.0**	**ppb(v/v)**
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)

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