AIR TOXICS LTD.

SAMPLE NAME: LCSD

ID#: 0305553-08AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053018	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/30/03	

Compound	%Recovery
Carbon Disulfide	110
2-Propanol	106
trans-1,2-Dichloroethene	113
Vinyl Acetate	112
2-Butanone (Methyl Ethyl Ketone)	107
Hexane	108
Tetrahydrofuran	105
Cyclohexane	106
1,4-Dioxane	108
Bromodichloromethane	106
4-Methyl-2-pentanone	106
2-Hexanone	103
Dibromochloromethane	109
Bromoform	98
4-Ethyltoluene	106
Ethanol	116
Methyl tert-butyl ether	100
Heptane	112

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

0305553

GEOFON INCORPORATED

22632 GOLDEN SPRINGS DR., SUITE 270
DIAMOND BAR, CA 91765 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

GEOFON'S LAB COORDINATOR: LEO WILLIAMSON	LAB COORDINATOR'S PHONE: 909-396-7662	LAB COORDINATOR'S FAX: 909-396-1455	LABORATORY SERVICE ID: AIR TOXICS	LABORATORY CONTACT: JENNIFFER MILLER	MAIL REPORT (COMPANY NAME): GEOFON INC
PROJECT NAME: JPL #2	PROJECT LOCATION: JPL VE-03	PROJECT NUMBER: 04-4428.10	LABORATORY PHONE: 916-985-1000	LABORATORY FAX: 916-985-1020	RECIPIENT NAME: LEO WILLIAMSON
PROJECT CONTACT: LEO WILLIAMSON	PROJECT PHONE NUMBER: 714-920-8438	PROJECT FAX: N/A	LABORATORY ADDRESS: 180 BLUE RAVINE ROAD #B		ADDRESS: 22632 GOLDEN SPRINGS DR #270
PROJECT ADDRESS: 4800 OAKGROVE DR	CITY, STATE AND ZIPCODE: PASADENA CA 91108	CLIENT: US NAVY SWDIV	CITY, STATE AND ZIPCODE: FOLSUM CA 95630		CITY, STATE AND ZIPCODE: DIAMOND BAR CA 91765
PROJECT MANAGER: ASRAR FAHEEM	PROJECT MANAGER'S PHONE: 909-396-7662	PROJECT MANAGER'S FAX: 909-396-1455			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont	QC Level	T.A.T.	Analyses TO-14							Comments
01A	VE04-A-001-001	AIR	5/28/03	1400	NONE	1*	3	NORM	X							1*L TEDLAR BAG SCREEN — A
02A	VE04-B-001-002			1405					X							SCREEN — B ~~SCREEN — C~~
03A	VE04-C-001-003			1410					X							SCREEN — C
04A	VE04-INN-001-004			1415					X							SCREEN — INFLUENT
05A	VE04-EFF-001-005			1420					X							SCREEN — EFFLUENT
6																
7																
8																
9																
10																

CUSTODY SEAL INTACT?
Y N NONE TEMP ___

SAMPLES COLLECTED BY: [signature] COURIER AND AIR BILL NUMBER: FED EX 8385-7521-7726 COOLER TEMPERATURE UPON RECEIPT

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
[signature]	Ramesh Thomas AIC	5/29/03	925	Good

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

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0305574

Work Order Summary

CLIENT:	Mr. Leo Williamson Geofon 22632 Golden Springs Dr. Suite 270 Diamond Bar, CA 91765	**BILL TO:**	Mr. Leo Williamson Geofon 22632 Golden Springs Dr. Suite 270 Diamond Bar, CA 91765
PHONE:	909-396-7662	**P.O. #**	
FAX:	909-396-1455	**PROJECT #**	04-4428.10 JPL #2
DATE RECEIVED:	5/30/03	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	6/10/03		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VE04-A-001-006	Modified TO-14A	Tedlar Bag
02A	VE04-B-001-007	Modified TO-14A	Tedlar Bag
03A	VE04-C-001-008	Modified TO-14A	Tedlar Bag
04A	VE04-INN-001-009	Modified TO-14A	Tedlar Bag
05A	VE04-EFF-001-010	Modified TO-14A	Tedlar Bag
06A	Lab Blank	Modified TO-14A	NA
07A	CCV	Modified TO-14A	NA
08A	LCS	Modified TO-14A	NA
08AA	LCSD	Modified TO-14A	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 06/10/03

Certfication numbers: AR DEQ, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/02, Expiration date: 06/30/03
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified Method TO-14A
Geofon
Workorder# 0305574

Five 1 Liter Tedlar Bag samples were received on May 30, 2003. The laboratory performed analysis via modified EPA Method TO-14A using GC/MS in the full scan mode. The method involves concentrating up to 0.5 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	*TO-14A*	*ATL Modifications*
Continuing Calibration criteria	70-130% recovery	70-130% recovery with two allowed out to 60-140%; flag and narrate outliers
Initial Calibration criteria	RSD<30%	RSD</=30%, two compounds allowed up to 40%.
Moisture control	Nafion Dryer	Multisorbent trap
Blank acceptance criteria	<0.20 ppbv	<Reporting Limit
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106

Receiving Notes

The chain of custody was not relinquished properly. The discrepancy was noted in the Login email.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: VE04-A-001-006

ID#: 0305574-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053108	Date of Collection:	5/29/03
Dil. Factor:	5.00	Date of Analysis:	5/31/03

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	2.5	12	270	1400
Freon 114	2.5	18	Not Detected	Not Detected
Chloromethane	2.5	5.2	Not Detected	Not Detected
Vinyl Chloride	2.5	6.5	Not Detected	Not Detected
Bromomethane	2.5	9.9	Not Detected	Not Detected
Chloroethane	2.5	6.7	4.2	11
Freon 11	2.5	14	2.7	16
1,1-Dichloroethene	2.5	10	Not Detected	Not Detected
Freon 113	2.5	19	26	200
Methylene Chloride	2.5	8.8	Not Detected	Not Detected
1,1-Dichloroethane	2.5	10	Not Detected	Not Detected
cis-1,2-Dichloroethene	2.5	10	Not Detected	Not Detected
Chloroform	2.5	12	13	65
1,1,1-Trichloroethane	2.5	14	4.0	22
Carbon Tetrachloride	2.5	16	12	75
Benzene	2.5	8.1	Not Detected	Not Detected
1,2-Dichloroethane	2.5	10	Not Detected	Not Detected
Trichloroethene	2.5	14	86	470
1,2-Dichloropropane	2.5	12	Not Detected	Not Detected
cis-1,3-Dichloropropene	2.5	12	Not Detected	Not Detected
Toluene	2.5	9.6	3.9	15
trans-1,3-Dichloropropene	2.5	12	Not Detected	Not Detected
1,1,2-Trichloroethane	2.5	14	Not Detected	Not Detected
Tetrachloroethene	2.5	17	6.9	48
1,2-Dibromoethane (EDB)	2.5	20	Not Detected	Not Detected
Chlorobenzene	2.5	12	Not Detected	Not Detected
Ethyl Benzene	2.5	11	Not Detected	Not Detected
m,p-Xylene	2.5	11	Not Detected	Not Detected
o-Xylene	2.5	11	Not Detected	Not Detected
Styrene	2.5	11	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	2.5	17	Not Detected	Not Detected
1,3,5-Trimethylbenzene	2.5	12	Not Detected	Not Detected
1,2,4-Trimethylbenzene	2.5	12	Not Detected	Not Detected
1,3-Dichlorobenzene	2.5	15	Not Detected	Not Detected
1,4-Dichlorobenzene	2.5	15	Not Detected	Not Detected
alpha-Chlorotoluene	2.5	13	Not Detected	Not Detected
1,2-Dichlorobenzene	2.5	15	Not Detected	Not Detected
1,2,4-Trichlorobenzene	10	75	Not Detected	Not Detected
Hexachlorobutadiene	10	110	Not Detected	Not Detected
Propylene	10	17	200	340
1,3-Butadiene	10	22	Not Detected	Not Detected
Acetone	10	24	1100 E	2700 E

AIR TOXICS LTD.

SAMPLE NAME: VE04-A-001-006

ID#: 0305574-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053108	Date of Collection:	5/29/03
Dil. Factor:	5.00	Date of Analysis:	5/31/03

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	10	32	Not Detected	Not Detected
2-Propanol	10	25	160	390
trans-1,2-Dichloroethene	10	40	Not Detected	Not Detected
Vinyl Acetate	10	36	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	10	30	370	1100
Hexane	10	36	Not Detected	Not Detected
Tetrahydrofuran	10	30	Not Detected	Not Detected
Cyclohexane	10	35	Not Detected	Not Detected
1,4-Dioxane	10	37	Not Detected	Not Detected
Bromodichloromethane	10	68	Not Detected	Not Detected
4-Methyl-2-pentanone	10	42	9.8 J	41 J
2-Hexanone	10	42	10	42
Dibromochloromethane	10	86	Not Detected	Not Detected
Bromoform	10	100	Not Detected	Not Detected
4-Ethyltoluene	10	50	Not Detected	Not Detected
Ethanol	10	19	64	120
Methyl tert-butyl ether	10	37	Not Detected	Not Detected
Heptane	10	42	18	74

E = Exceeds instrument calibration range.
J = Estimated value.
Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: VE04-B-001-007

ID#: 0305574-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053109	Date of Collection:	5/29/03
Dil. Factor:	8.00	Date of Analysis:	5/31/03

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	4.0	20	38	190
Freon 114	4.0	28	Not Detected	Not Detected
Chloromethane	4.0	8.4	Not Detected	Not Detected
Vinyl Chloride	4.0	10	4.7	12
Bromomethane	4.0	16	Not Detected	Not Detected
Chloroethane	4.0	11	6.3	17
Freon 11	4.0	23	10	59
1,1-Dichloroethene	4.0	16	29	120
Freon 113	4.0	31	210	1600
Methylene Chloride	4.0	14	Not Detected	Not Detected
1,1-Dichloroethane	4.0	16	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	16	Not Detected	Not Detected
Chloroform	4.0	20	78	390
1,1,1-Trichloroethane	4.0	22	12	65
Carbon Tetrachloride	4.0	26	110	680
Benzene	4.0	13	Not Detected	Not Detected
1,2-Dichloroethane	4.0	16	Not Detected	Not Detected
Trichloroethene	4.0	22	970	5300
1,2-Dichloropropane	4.0	19	Not Detected	Not Detected
cis-1,3-Dichloropropene	4.0	18	Not Detected	Not Detected
Toluene	4.0	15	4.2	16
trans-1,3-Dichloropropene	4.0	18	Not Detected	Not Detected
1,1,2-Trichloroethane	4.0	22	Not Detected	Not Detected
Tetrachloroethene	4.0	28	32	220
1,2-Dibromoethane (EDB)	4.0	31	Not Detected	Not Detected
Chlorobenzene	4.0	19	Not Detected	Not Detected
Ethyl Benzene	4.0	18	Not Detected	Not Detected
m,p-Xylene	4.0	18	Not Detected	Not Detected
o-Xylene	4.0	18	Not Detected	Not Detected
Styrene	4.0	17	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	4.0	28	Not Detected	Not Detected
1,3,5-Trimethylbenzene	4.0	20	Not Detected	Not Detected
1,2,4-Trimethylbenzene	4.0	20	Not Detected	Not Detected
1,3-Dichlorobenzene	4.0	24	Not Detected	Not Detected
1,4-Dichlorobenzene	4.0	24	Not Detected	Not Detected
alpha-Chlorotoluene	4.0	21	Not Detected	Not Detected
1,2-Dichlorobenzene	4.0	24	Not Detected	Not Detected
1,2,4-Trichlorobenzene	16	120	Not Detected	Not Detected
Hexachlorobutadiene	16	170	Not Detected	Not Detected
Propylene	16	28	2000 E	3500 E
1,3-Butadiene	16	36	Not Detected	Not Detected
Acetone	16	39	1800 E	4300 E

AIR TOXICS LTD.

SAMPLE NAME: VE04-B-001-007

ID#: 0305574-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053109	Date of Collection:	5/29/03
Dil. Factor:	8.00	Date of Analysis:	5/31/03

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	16	51	Not Detected	Not Detected
2-Propanol	16	40	280	700
trans-1,2-Dichloroethene	16	64	Not Detected	Not Detected
Vinyl Acetate	16	57	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	16	48	550	1600
Hexane	16	57	Not Detected	Not Detected
Tetrahydrofuran	16	48	51	150
Cyclohexane	16	56	Not Detected	Not Detected
1,4-Dioxane	16	59	Not Detected	Not Detected
Bromodichloromethane	16	110	Not Detected	Not Detected
4-Methyl-2-pentanone	16	67	Not Detected	Not Detected
2-Hexanone	16	67	Not Detected	Not Detected
Dibromochloromethane	16	140	Not Detected	Not Detected
Bromoform	16	170	Not Detected	Not Detected
4-Ethyltoluene	16	80	Not Detected	Not Detected
Ethanol	16	31	88	170
Methyl tert-butyl ether	16	59	Not Detected	Not Detected
Heptane	16	67	Not Detected	Not Detected

E = Exceeds instrument calibration range.

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: VE04-C-001-008

ID#: 0305574-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053112	Date of Collection:	5/29/03
Dil. Factor:	20.0	Date of Analysis:	5/31/03

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	10	50	120	610
Freon 114	10	71	Not Detected	Not Detected
Chloromethane	10	21	Not Detected	Not Detected
Vinyl Chloride	10	26	Not Detected	Not Detected
Bromomethane	10	39	Not Detected	Not Detected
Chloroethane	10	27	15	40
Freon 11	10	57	Not Detected	Not Detected
1,1-Dichloroethene	10	40	Not Detected	Not Detected
Freon 113	10	78	42	330
Methylene Chloride	10	35	Not Detected	Not Detected
1,1-Dichloroethane	10	41	Not Detected	Not Detected
cis-1,2-Dichloroethene	10	40	Not Detected	Not Detected
Chloroform	10	50	24	120
1,1,1-Trichloroethane	10	55	Not Detected	Not Detected
Carbon Tetrachloride	10	64	27	170
Benzene	10	32	Not Detected	Not Detected
1,2-Dichloroethane	10	41	Not Detected	Not Detected
Trichloroethene	10	55	300	1600
1,2-Dichloropropane	10	47	Not Detected	Not Detected
cis-1,3-Dichloropropene	10	46	Not Detected	Not Detected
Toluene	10	38	Not Detected	Not Detected
trans-1,3-Dichloropropene	10	46	Not Detected	Not Detected
1,1,2-Trichloroethane	10	55	Not Detected	Not Detected
Tetrachloroethene	10	69	11	78
1,2-Dibromoethane (EDB)	10	78	Not Detected	Not Detected
Chlorobenzene	10	47	Not Detected	Not Detected
Ethyl Benzene	10	44	Not Detected	Not Detected
m,p-Xylene	10	44	Not Detected	Not Detected
o-Xylene	10	44	Not Detected	Not Detected
Styrene	10	43	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	10	70	Not Detected	Not Detected
1,3,5-Trimethylbenzene	10	50	Not Detected	Not Detected
1,2,4-Trimethylbenzene	10	50	Not Detected	Not Detected
1,3-Dichlorobenzene	10	61	Not Detected	Not Detected
1,4-Dichlorobenzene	10	61	Not Detected	Not Detected
alpha-Chlorotoluene	10	53	Not Detected	Not Detected
1,2-Dichlorobenzene	10	61	Not Detected	Not Detected
1,2,4-Trichlorobenzene	40	300	Not Detected	Not Detected
Hexachlorobutadiene	40	430	Not Detected	Not Detected
Propylene	40	70	900	1600
1,3-Butadiene	40	90	Not Detected	Not Detected
Acetone	40	96	2000	4800

AIR TOXICS LTD.

SAMPLE NAME: VE04-C-001-008

ID#: 0305574-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053112	Date of Collection:	5/29/03
Dil. Factor:	20.0	Date of Analysis:	5/31/03

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	40	130	Not Detected	Not Detected
2-Propanol	40	100	290	730
trans-1,2-Dichloroethene	40	160	Not Detected	Not Detected
Vinyl Acetate	40	140	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	40	120	830	2500
Hexane	40	140	Not Detected	Not Detected
Tetrahydrofuran	40	120	760	2300
Cyclohexane	40	140	Not Detected	Not Detected
1,4-Dioxane	40	150	Not Detected	Not Detected
Bromodichloromethane	40	270	Not Detected	Not Detected
4-Methyl-2-pentanone	40	170	Not Detected	Not Detected
2-Hexanone	40	170	Not Detected	Not Detected
Dibromochloromethane	40	350	Not Detected	Not Detected
Bromoform	40	420	Not Detected	Not Detected
4-Ethyltoluene	40	200	Not Detected	Not Detected
Ethanol	40	77	91	170
Methyl tert-butyl ether	40	150	Not Detected	Not Detected
Heptane	40	170	Not Detected	Not Detected

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: VE04-INN-001-009

ID#: 0305574-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053113	Date of Collection:	5/29/03
Dil. Factor:	4.00	Date of Analysis:	5/31/03

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	2.0	10	230	1100
Freon 114	2.0	14	Not Detected	Not Detected
Chloromethane	2.0	4.2	Not Detected	Not Detected
Vinyl Chloride	2.0	5.2	Not Detected	Not Detected
Bromomethane	2.0	7.9	Not Detected	Not Detected
Chloroethane	2.0	5.4	Not Detected	Not Detected
Freon 11	2.0	11	5.8	33
1,1-Dichloroethene	2.0	8.1	12	51
Freon 113	2.0	16	93	720
Methylene Chloride	2.0	7.1	Not Detected	Not Detected
1,1-Dichloroethane	2.0	8.2	Not Detected	Not Detected
cis-1,2-Dichloroethene	2.0	8.0	Not Detected	Not Detected
Chloroform	2.0	9.9	41	200
1,1,1-Trichloroethane	2.0	11	7.6	42
Carbon Tetrachloride	2.0	13	54	340
Benzene	2.0	6.5	Not Detected	Not Detected
1,2-Dichloroethane	2.0	8.2	Not Detected	Not Detected
Trichloroethene	2.0	11	470	2600
1,2-Dichloropropane	2.0	9.4	Not Detected	Not Detected
cis-1,3-Dichloropropene	2.0	9.2	Not Detected	Not Detected
Toluene	2.0	7.6	Not Detected	Not Detected
trans-1,3-Dichloropropene	2.0	9.2	Not Detected	Not Detected
1,1,2-Trichloroethane	2.0	11	Not Detected	Not Detected
Tetrachloroethene	2.0	14	24	160
1,2-Dibromoethane (EDB)	2.0	16	Not Detected	Not Detected
Chlorobenzene	2.0	9.4	Not Detected	Not Detected
Ethyl Benzene	2.0	8.8	Not Detected	Not Detected
m,p-Xylene	2.0	8.8	Not Detected	Not Detected
o-Xylene	2.0	8.8	Not Detected	Not Detected
Styrene	2.0	8.6	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	2.0	14	Not Detected	Not Detected
1,3,5-Trimethylbenzene	2.0	10	Not Detected	Not Detected
1,2,4-Trimethylbenzene	2.0	10	Not Detected	Not Detected
1,3-Dichlorobenzene	2.0	12	Not Detected	Not Detected
1,4-Dichlorobenzene	2.0	12	Not Detected	Not Detected
alpha-Chlorotoluene	2.0	10	Not Detected	Not Detected
1,2-Dichlorobenzene	2.0	12	Not Detected	Not Detected
1,2,4-Trichlorobenzene	8.0	60	Not Detected	Not Detected
Hexachlorobutadiene	8.0	87	Not Detected	Not Detected
Propylene	8.0	14	110	190
1,3-Butadiene	8.0	18	Not Detected	Not Detected
Acetone	8.0	19	420	1000

AIR TOXICS LTD.

SAMPLE NAME: VE04-INN-001-009

ID#: 0305574-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053113	Date of Collection:	5/29/03
Dil. Factor:	4.00	Date of Analysis:	5/31/03

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	8.0	25	Not Detected	Not Detected
2-Propanol	8.0	20	66	160
trans-1,2-Dichloroethene	8.0	32	Not Detected	Not Detected
Vinyl Acetate	8.0	29	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	8.0	24	160	480
Hexane	8.0	29	Not Detected	Not Detected
Tetrahydrofuran	8.0	24	15	45
Cyclohexane	8.0	28	Not Detected	Not Detected
1,4-Dioxane	8.0	29	Not Detected	Not Detected
Bromodichloromethane	8.0	54	Not Detected	Not Detected
4-Methyl-2-pentanone	8.0	33	Not Detected	Not Detected
2-Hexanone	8.0	33	Not Detected	Not Detected
Dibromochloromethane	8.0	69	Not Detected	Not Detected
Bromoform	8.0	84	Not Detected	Not Detected
4-Ethyltoluene	8.0	40	Not Detected	Not Detected
Ethanol	8.0	15	19	37
Methyl tert-butyl ether	8.0	29	Not Detected	Not Detected
Heptane	8.0	33	Not Detected	Not Detected

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: VE04-EFF-001-010

ID#: 0305574-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053115	Date of Collection:	5/29/03
Dil. Factor:	2.00	Date of Analysis:	5/31/03

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	1.0	5.0	230	1100
Freon 114	1.0	7.1	Not Detected	Not Detected
Chloromethane	1.0	2.1	Not Detected	Not Detected
Vinyl Chloride	1.0	2.6	Not Detected	Not Detected
Bromomethane	1.0	3.9	Not Detected	Not Detected
Chloroethane	1.0	2.7	8.0	21
Freon 11	1.0	5.7	30	170
1,1-Dichloroethene	1.0	4.0	Not Detected	Not Detected
Freon 113	1.0	7.8	13	100
Methylene Chloride	1.0	3.5	1.8	6.2
1,1-Dichloroethane	1.0	4.1	Not Detected	Not Detected
cis-1,2-Dichloroethene	1.0	4.0	Not Detected	Not Detected
Chloroform	1.0	5.0	Not Detected	Not Detected
1,1,1-Trichloroethane	1.0	5.5	Not Detected	Not Detected
Carbon Tetrachloride	1.0	6.4	Not Detected	Not Detected
Benzene	1.0	3.2	Not Detected	Not Detected
1,2-Dichloroethane	1.0	4.1	Not Detected	Not Detected
Trichloroethene	1.0	5.5	Not Detected	Not Detected
1,2-Dichloropropane	1.0	4.7	Not Detected	Not Detected
cis-1,3-Dichloropropene	1.0	4.6	Not Detected	Not Detected
Toluene	1.0	3.8	1.1	4.4
trans-1,3-Dichloropropene	1.0	4.6	Not Detected	Not Detected
1,1,2-Trichloroethane	1.0	5.5	Not Detected	Not Detected
Tetrachloroethene	1.0	6.9	Not Detected	Not Detected
1,2-Dibromoethane (EDB)	1.0	7.8	Not Detected	Not Detected
Chlorobenzene	1.0	4.7	Not Detected	Not Detected
Ethyl Benzene	1.0	4.4	Not Detected	Not Detected
m,p-Xylene	1.0	4.4	Not Detected	Not Detected
o-Xylene	1.0	4.4	Not Detected	Not Detected
Styrene	1.0	4.3	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	1.0	7.0	Not Detected	Not Detected
1,3,5-Trimethylbenzene	1.0	5.0	Not Detected	Not Detected
1,2,4-Trimethylbenzene	1.0	5.0	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	6.1	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	6.1	Not Detected	Not Detected
alpha-Chlorotoluene	1.0	5.3	Not Detected	Not Detected
1,2-Dichlorobenzene	1.0	6.1	Not Detected	Not Detected
1,2,4-Trichlorobenzene	4.0	30	Not Detected	Not Detected
Hexachlorobutadiene	4.0	43	Not Detected	Not Detected
Propylene	4.0	7.0	Not Detected	Not Detected
1,3-Butadiene	4.0	9.0	Not Detected	Not Detected
Acetone	4.0	9.6	87	210

AIR TOXICS LTD.

SAMPLE NAME: VE04-EFF-001-010

ID#: 0305574-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053115	Date of Collection:	5/29/03
Dil. Factor:	2.00	Date of Analysis:	5/31/03

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	4.0	13	Not Detected	Not Detected
2-Propanol	4.0	10	22	56
trans-1,2-Dichloroethene	4.0	16	Not Detected	Not Detected
Vinyl Acetate	4.0	14	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.0	12	44	130
Hexane	4.0	14	Not Detected	Not Detected
Tetrahydrofuran	4.0	12	4.8	14
Cyclohexane	4.0	14	Not Detected	Not Detected
1,4-Dioxane	4.0	15	Not Detected	Not Detected
Bromodichloromethane	4.0	27	Not Detected	Not Detected
4-Methyl-2-pentanone	4.0	17	Not Detected	Not Detected
2-Hexanone	4.0	17	Not Detected	Not Detected
Dibromochloromethane	4.0	35	Not Detected	Not Detected
Bromoform	4.0	42	Not Detected	Not Detected
4-Ethyltoluene	4.0	20	Not Detected	Not Detected
Ethanol	4.0	7.7	8.4	16
Methyl tert-butyl ether	4.0	15	Not Detected	Not Detected
Heptane	4.0	17	Not Detected	Not Detected

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0305574-06A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053106	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/31/03	

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.50	2.5	Not Detected	Not Detected
Freon 114	0.50	3.6	Not Detected	Not Detected
Chloromethane	0.50	1.0	Not Detected	Not Detected
Vinyl Chloride	0.50	1.3	Not Detected	Not Detected
Bromomethane	0.50	2.0	Not Detected	Not Detected
Chloroethane	0.50	1.3	Not Detected	Not Detected
Freon 11	0.50	2.8	Not Detected	Not Detected
1,1-Dichloroethene	0.50	2.0	Not Detected	Not Detected
Freon 113	0.50	3.9	Not Detected	Not Detected
Methylene Chloride	0.50	1.8	Not Detected	Not Detected
1,1-Dichloroethane	0.50	2.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.50	2.0	Not Detected	Not Detected
Chloroform	0.50	2.5	Not Detected	Not Detected
1,1,1-Trichloroethane	0.50	2.8	Not Detected	Not Detected
Carbon Tetrachloride	0.50	3.2	Not Detected	Not Detected
Benzene	0.50	1.6	Not Detected	Not Detected
1,2-Dichloroethane	0.50	2.0	Not Detected	Not Detected
Trichloroethene	0.50	2.7	Not Detected	Not Detected
1,2-Dichloropropane	0.50	2.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.50	2.3	Not Detected	Not Detected
Toluene	0.50	1.9	Not Detected	Not Detected
trans-1,3-Dichloropropene	0.50	2.3	Not Detected	Not Detected
1,1,2-Trichloroethane	0.50	2.8	Not Detected	Not Detected
Tetrachloroethene	0.50	3.4	Not Detected	Not Detected
1,2-Dibromoethane (EDB)	0.50	3.9	Not Detected	Not Detected
Chlorobenzene	0.50	2.3	Not Detected	Not Detected
Ethyl Benzene	0.50	2.2	Not Detected	Not Detected
m,p-Xylene	0.50	2.2	Not Detected	Not Detected
o-Xylene	0.50	2.2	Not Detected	Not Detected
Styrene	0.50	2.2	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.50	3.5	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.50	2.5	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.50	2.5	Not Detected	Not Detected
1,3-Dichlorobenzene	0.50	3.0	Not Detected	Not Detected
1,4-Dichlorobenzene	0.50	3.0	Not Detected	Not Detected
alpha-Chlorotoluene	0.50	2.6	Not Detected	Not Detected
1,2-Dichlorobenzene	0.50	3.0	Not Detected	Not Detected
1,2,4-Trichlorobenzene	2.0	15	Not Detected	Not Detected
Hexachlorobutadiene	2.0	22	Not Detected	Not Detected
Propylene	2.0	3.5	Not Detected	Not Detected
1,3-Butadiene	2.0	4.5	Not Detected	Not Detected
Acetone	2.0	4.8	Not Detected	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0305574-06A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053106	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/31/03	

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	2.0	6.3	Not Detected	Not Detected
2-Propanol	2.0	5.0	Not Detected	Not Detected
trans-1,2-Dichloroethene	2.0	8.0	Not Detected	Not Detected
Vinyl Acetate	2.0	7.2	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	6.0	Not Detected	Not Detected
Hexane	2.0	7.2	Not Detected	Not Detected
Tetrahydrofuran	2.0	6.0	Not Detected	Not Detected
Cyclohexane	2.0	7.0	Not Detected	Not Detected
1,4-Dioxane	2.0	7.3	Not Detected	Not Detected
Bromodichloromethane	2.0	14	Not Detected	Not Detected
4-Methyl-2-pentanone	2.0	8.3	Not Detected	Not Detected
2-Hexanone	2.0	8.3	Not Detected	Not Detected
Dibromochloromethane	2.0	17	Not Detected	Not Detected
Bromoform	2.0	21	Not Detected	Not Detected
4-Ethyltoluene	2.0	10	Not Detected	Not Detected
Ethanol	2.0	3.8	Not Detected	Not Detected
Methyl tert-butyl ether	2.0	7.3	Not Detected	Not Detected
Heptane	2.0	8.3	Not Detected	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0305574-07A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053102	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/31/03	

Compound	%Recovery
Freon 12	102
Freon 114	112
Chloromethane	100
Vinyl Chloride	120
Bromomethane	116
Chloroethane	109
Freon 11	100
1,1-Dichloroethene	104
Freon 113	107
Methylene Chloride	103
1,1-Dichloroethane	104
cis-1,2-Dichloroethene	104
Chloroform	101
1,1,1-Trichloroethane	102
Carbon Tetrachloride	106
Benzene	101
1,2-Dichloroethane	112
Trichloroethene	103
1,2-Dichloropropane	106
cis-1,3-Dichloropropene	107
Toluene	105
trans-1,3-Dichloropropene	107
1,1,2-Trichloroethane	107
Tetrachloroethene	113
1,2-Dibromoethane (EDB)	106
Chlorobenzene	108
Ethyl Benzene	105
m,p-Xylene	107
o-Xylene	108
Styrene	101
1,1,2,2-Tetrachloroethane	105
1,3,5-Trimethylbenzene	116
1,2,4-Trimethylbenzene	107
1,3-Dichlorobenzene	108
1,4-Dichlorobenzene	103
alpha-Chlorotoluene	118
1,2-Dichlorobenzene	118
1,2,4-Trichlorobenzene	127
Hexachlorobutadiene	128
Propylene	111
1,3-Butadiene	98
Acetone	107

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0305574-07A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053102	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/31/03	

Compound	%Recovery
Carbon Disulfide	98
2-Propanol	100
trans-1,2-Dichloroethene	97
Vinyl Acetate	104
2-Butanone (Methyl Ethyl Ketone)	103
Hexane	101
Tetrahydrofuran	99
Cyclohexane	100
1,4-Dioxane	99
Bromodichloromethane	106
4-Methyl-2-pentanone	105
2-Hexanone	105
Dibromochloromethane	110
Bromoform	113
4-Ethyltoluene	104
Ethanol	101
Methyl tert-butyl ether	92
Heptane	110

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0305574-08A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053103	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/31/03	

Compound	%Recovery
Freon 12	99
Freon 114	116
Chloromethane	96
Vinyl Chloride	117
Bromomethane	122
Chloroethane	119
Freon 11	93
1,1-Dichloroethene	94
Freon 113	99
Methylene Chloride	96
1,1-Dichloroethane	88
cis-1,2-Dichloroethene	98
Chloroform	94
1,1,1-Trichloroethane	94
Carbon Tetrachloride	102
Benzene	104
1,2-Dichloroethane	106
Trichloroethene	106
1,2-Dichloropropane	101
cis-1,3-Dichloropropene	118
Toluene	102
trans-1,3-Dichloropropene	117
1,1,2-Trichloroethane	103
Tetrachloroethene	115
1,2-Dibromoethane (EDB)	93
Chlorobenzene	104
Ethyl Benzene	101
m,p-Xylene	96
o-Xylene	91
Styrene	109
1,1,2,2-Tetrachloroethane	91
1,3,5-Trimethylbenzene	87
1,2,4-Trimethylbenzene	81
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	85
alpha-Chlorotoluene	126
1,2-Dichlorobenzene	99
1,2,4-Trichlorobenzene	105
Hexachlorobutadiene	110
Propylene	97
1,3-Butadiene	81
Acetone	96

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0305574-08A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053103	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/31/03	

Compound	%Recovery
Carbon Disulfide	100
2-Propanol	96
trans-1,2-Dichloroethene	102
Vinyl Acetate	103
2-Butanone (Methyl Ethyl Ketone)	96
Hexane	99
Tetrahydrofuran	97
Cyclohexane	98
1,4-Dioxane	99
Bromodichloromethane	98
4-Methyl-2-pentanone	98
2-Hexanone	94
Dibromochloromethane	102
Bromoform	90
4-Ethyltoluene	96
Ethanol	106
Methyl tert-butyl ether	91
Heptane	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCSD

ID#: 0305574-08AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b053104	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 5/31/03	

Compound	%Recovery
Freon 12	103
Freon 114	124
Chloromethane	100
Vinyl Chloride	122
Bromomethane	131 Q
Chloroethane	125
Freon 11	100
1,1-Dichloroethene	99
Freon 113	106
Methylene Chloride	102
1,1-Dichloroethane	94
cis-1,2-Dichloroethene	105
Chloroform	101
1,1,1-Trichloroethane	100
Carbon Tetrachloride	109
Benzene	109
1,2-Dichloroethane	113
Trichloroethene	111
1,2-Dichloropropane	106
cis-1,3-Dichloropropene	124
Toluene	108
trans-1,3-Dichloropropene	124
1,1,2-Trichloroethane	109
Tetrachloroethene	122
1,2-Dibromoethane (EDB)	98
Chlorobenzene	109
Ethyl Benzene	106
m,p-Xylene	102
o-Xylene	98
Styrene	117
1,1,2,2-Tetrachloroethane	97
1,3,5-Trimethylbenzene	92
1,2,4-Trimethylbenzene	85
1,3-Dichlorobenzene	102
1,4-Dichlorobenzene	91
alpha-Chlorotoluene	131 Q
1,2-Dichlorobenzene	103
1,2,4-Trichlorobenzene	113
Hexachlorobutadiene	117
Propylene	102
1,3-Butadiene	86
Acetone	103

AIR TOXICS LTD.

SAMPLE NAME: LCSD

ID#: 0305574-08AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b053104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/31/03**	

Compound	%Recovery
Carbon Disulfide	107
2-Propanol	104
trans-1,2-Dichloroethene	110
Vinyl Acetate	110
2-Butanone (Methyl Ethyl Ketone)	104
Hexane	106
Tetrahydrofuran	104
Cyclohexane	105
1,4-Dioxane	105
Bromodichloromethane	103
4-Methyl-2-pentanone	104
2-Hexanone	101
Dibromochloromethane	107
Bromoform	96
4-Ethyltoluene	102
Ethanol	113
Methyl tert-butyl ether	98
Heptane	110

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

0305574

GEOFON INCORPORATED

22632 GOLDEN SPRINGS DR., SUITE 270
DIAMOND BAR, CA 91765 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

GEOFON / LAB COORDINATOR: LED WILLIAMSON	LAB COORDINATOR'S PHONE: 909-396-7662	LAB COORDINATOR'S FAX: 909-396-1455	LABORATORY SERVICED: AIR TOXICS	LABORATORY CONTACT: JENIFFER MILLER	MAIL REPORT (COMPANY NAME): GEOFON INC
PROJECT NAME: JPL #2	PROJECT LOCATION: JPL VE04	PROJECT NUMBER: 04-4428-10	LABORATORY PHONE: 916-985-1000	LABORATORY FAX: 916-985-1020	RECIPIENT NAME: LED WILLIAMSON
PROJECT CONTACT: LED WILLIAMSON	PROJECT PHONE NUMBER: 714-920-8438	PROJECT FAX: N/A	LABORATORY ADDRESS: 180 BLUE RAVINE ROAD #B	ADDRESS: 22632 GOLDEN SPRINGS DR #270	
PROJECT ADDRESS: 4800 OAK GROVE DR	CITY, STATE AND ZIPCODE: PASADENA CA 91108	CLIENT: US NAVY SWDIV	CITY, STATE AND ZIPCODE: FOLSOM CA 95630	CITY, STATE AND ZIPCODE: DIAMOND BAR CA 91765	
PROJECT MANAGER: ASKAR FAHEEM	PROJECT MANAGER'S PHONE: 909-396-7662	PROJECT MANAGER'S FAX: 909-396-1455			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14								Comments
01A 1	VE04-A-001-006	AIR	5/29/03	1010	NONE	1*	3	NORM	X								1* L TEDLAR BAG
02A 2	VE04-B-001-007			1015					X								SCREEN — A
03A 3	VE04-C-001-008			1020					X								SCREEN — B
04A 4	VE04-INN-001-009			1025					X								SCREEN — C
05A 5	VE04-EFF-001-010			1030					X								SCREEN — INFLUENT
6																	SCREEN — EFFLUENT
7																	
8																	
9																	
10																	

CUSTODY SEAL INTACT?
Y N NONE TEMP —

SAMPLES COLLECTED BY	COURIER AND AIR BILL NUMBER	COOLER TEMPERATURE UPON RECEIPT
	FED EX 8385-7521-7237	

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
	Laura L Thomas AIC	5/30/03	930	Good

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

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0306002

Work Order Summary

CLIENT:	Mr. Leo Williamson Geofon 22632 Golden Springs Dr. Suite 270 Diamond Bar, CA 91765	**BILL TO:**	Mr. Leo Williamson Geofon 22632 Golden Springs Dr. Suite 270 Diamond Bar, CA 91765
PHONE:	909-396-7662	**P.O. #**	
FAX:	909-396-1455	**PROJECT #**	04-4428.10 JPL #2
DATE RECEIVED:	6/2/03	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	6/12/03		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VE04-A-001-011	Modified TO-14A	Tedlar Bag
02A	VE04-B-001-012	Modified TO-14A	Tedlar Bag
03A	VE04-C-001-013	Modified TO-14A	Tedlar Bag
04A	VE04-INN-001-014	Modified TO-14A	Tedlar Bag
04AA	VE04-INN-001-014 Duplicate	Modified TO-14A	Tedlar Bag
05A	VE04-EFF-001-015	Modified TO-14A	Tedlar Bag
06A	Lab Blank	Modified TO-14A	NA
06B	Lab Blank	Modified TO-14A	NA
07A	CCV	Modified TO-14A	NA
07B	CCV	Modified TO-14A	NA
08A	LCS	Modified TO-14A	NA
08AA	LCSD	Modified TO-14A	NA
08B	LCS	Modified TO-14A	NA
08BB	LCSD	Modified TO-14A	NA

CERTIFIED BY: Linda L. Freeman DATE: 06/13/03

Laboratory Director

Certfication numbers: AR DEQ, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/02, Expiration date: 06/30/03
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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