Environmental
Resources
Management

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ERM®

27 September 2006

Ms. Deborah Castles
Vice President
Aegis Equity Partners
130 Webster Street, Suite 200
Oakland, California 94607

Subject: Limited Indoor Air Investigation Report
Kozel Property
1001 42nd Street
Oakland, California

Dear Ms. Castles:

ERM-West, Inc. (ERM) is pleased to provide Aegis Equity Partners (Aegis) with this *Limited Indoor Air Investigation Report* for the property located at 1001 42nd Street in Oakland, California. This indoor air investigation was conducted following a July 2006 phone conversation between Deborah Castles and ERM.

This report documents the activities conducted during the indoor air investigation and presents the findings. Figures, Tables and attachments are included at the end of this report.

PROJECT BACKGROUND

The subject property, referred to as the Kozel Property, is located at 1001 42nd Street in Oakland with a portion of the property located in Emeryville, California (Figure 1). The site is bounded by 42nd Street to the north, 41st Street to the south, Linden Street to the east, and various residential properties to the west (Figure 2). It is our understanding that Aegis is currently involved in the sale of the Kozel Property. The investigation summarized herein was completed in support of the sale of the aforementioned property.

Previous investigations indicated that historical landuse practices at the Kozel Property may have impacted site soil and groundwater. A free phase mineral spirits plume has been identified in groundwater proximate to the

site and dissolved phase mineral spirits have been detected in nearby soil borings. The objective of this investigation was to determine what, if any, impacts are present in indoor air as a result of subsurface conditions.

INDOOR AIR FIELD INVESTIGATION

The indoor air investigation was conducted to evaluate the indoor air conditions at the 1001 42nd Street property, and determine the potential for an indoor air hazard. As part of the field investigation, five indoor air samples were collected within the former office and printing building, which is approximately 16,200 square feet in size. In addition, two ambient air samples were collected outside, adjacent to the building. The sample locations, shown in Figure 2, were chosen based upon proximity to areas of known contamination, proximity to indoor plumbing fixtures and at diverse locations to obtain a representative distribution of indoor air within the building. The following paragraphs describe the field investigation activities and methodologies.

On 12 July 2006, ERM completed the indoor air sampling activities. Indoor air sampling activities were implemented in accordance with the 15 December 2004 *Interim Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* developed by the Department of Toxic Substances Control (DTSC) and the California Environmental Protection Agency (CAEPA).

The former office and printing building is currently not occupied. 48-hours prior to sample collection, the air conditioning was turned on in the building to simulate indoor air conditions during the summer, were the building active. None of the windows or doors were left open during sampling.

As outlined in the DTSC/CAEPA advisory, 6-liter Summa canisters were used for sample collection and analysis of volatile organic compounds (VOCs). Prior to sample collection, the initial vacuum in the Summa canister was measured and recorded. The flow-controller was then attached to the Summa canister. The flow controller had been preset to collect the air sample over an 8-hour period (approximately 12.5 milliliters per minute [ml/min]). A second sample was collected in parallel for analysis of total petroleum hydrocarbons as mineral spirits (TPH-ms). This sample was collected using a GilAir personal air-sampling pump, which drew the air through a 7 centimeter-long glass tube filled with activated charcoal. The GilAir pump was calibrated in

advance to collect the necessary volume of air over a 5-hour period. The maximum volume of air that can be passed through the activated charcoal is 20 liters at which point break through is possible. The lowest consistent sampling rate that could be achieved using the GilAir low-flow pump was between 0.05 and 0.06 liters per minute (L/min). As a result, a sampling period of five hours was chosen to minimize the chances of break-though during sample collection.

The Summa canisters and GilAir pumps were set-up at each sampling location, such that the sample height was approximately 3.5 feet above ground surface (ags) for the indoor air samples and 5 feet ags for the ambient air samples. The valve on the Summa canisters were then opened and the GilAir pumps turned on, beginning sample collection. After 5 hours the GilAir pumps were turned off and the glass sample tubes were capped with plastic end caps. After 8 hours or when the vacuum gauge on the Summa canister read less than 5 inches of mercury (in Hg), the valve was closed. Sampling start and finish times, and the final vacuum reading, were recorded in a field notebook. The field sampling sheets are provided as Attachment A.

Soil vapor samples were sent to Air Toxics Ltd., a California-certified laboratory in Folsom, California, for the following:

- VOCs analysis by United States Environmental Protection Agency (USEPA) Method TO-15; and
- TPH-ms by National Institute for Occupational Safety and Health (NIOSH) Method 1550.

The sampling results are discussed below.

INDOOR AIR SAMPLING RESULTS

Analytical results for VOCs and TPH-ms in indoor air are summarized on Table 1 and the laboratory analytical reports are provided as Attachment B. For comparison purposes the Environmental Screening Levels (ESLs) and California Human Health Screening Levels (CHHSLs) for indoor air are included on Table 1. The ESLs are screening levels that were developed by the Water Board to accelerate the preparation of environmental risk assessments at sites where soil and ground water impacts are present. ESLs are not cleanup goals, do not establish policy or regulation, and are not intended to be used as a stand-alone tool for

decision making. As stated in the ESL documentation, the presence of a chemical above an ESL does not necessarily indicate that adverse impacts to human health or the environment are occurring. The ESLs are included for comparison purposes only. The CHHSLs were developed by the Department of Toxic Substances Control (DTSC) for similar purposes.

As can be seen in Table 1, thirteen VOCs were detected in the indoor air samples collected inside the former office and printing building, including freon 11, freon 12, acetone, benzene, chloromethane, chloroform, ethanol, methyl-ethyl-ketone (MEK), tetrachloroethene (PCE), 2-propanol, toluene, 1,2,4-trimethylbenzene (1,2,4-TMB) and m,p-xylenes.

As can be seen on Table 1, freon 11, freon 12, acetone, ethanol, MEK, and 2-propanol were detected in indoor air at concentrations below or comparable to concentrations detected in the ambient air samples. In addition, these compounds were not detected above the ESL for indoor air, where established. These results indicate that the presence of these compounds in indoor air is indicative of background conditions.

Benzene was detected in three indoor air samples at concentrations ranging from 0.49 and 0.53 micrograms per cubic meter of air ($\mu G/m^3$). All three detections exceed the CHHSL for benzene of 0.084 $\mu G/m^3$. However, as can be seen on Table 1, these compounds were detected just above the method detection limit, which also exceeds the CHHSL for benzene. Benzene is frequently detected above 1 $\mu G/m^3$ in ambient air in California as a result of automobile exhaust. Toluene and m,p-xylenes were detected in all five indoor air samples at concentrations well below the established ESLs and CHHSLs. These compounds were also detected in ambient air and are likely indicative of background concentrations resulting from automobile exhaust.

Chloromethane was detected in all five indoor air samples at concentrations ranging from 1.2 to 1.4 $\mu G/m^3$, all exceeding the ESL for chloromethane of 0.33 $\mu G/m^3$. As can be seen on Table 1, chloromethane was also detected in both ambient air samples at comparable concentrations and may be the result of adjacent commercial or industrial operations. Chloroform was detected in one indoor air sample, IA-2, at a concentration of 0.92 $\mu G/m^3$, which exceeds the ESL for chloroform of 0.45 $\mu G/m^3$. This detection does not appear to reflect a building-wide

condition and may be the result of building materials used in the vicinity of the sample.

1,2,4-TMB was detected in two indoor air samples, however, as can be seen on Table 1, both detections were just above the method detection limit. PCE was detected in one sample, IA-3, at a concentration of 1.6 $\mu G/m^3$, exceeding the ESL for PCE of 0.41 $\mu G/m^3$. This detection is just above the method detection limit, which also exceeds the ESL. The localized detections of 1,2,4-TMB and PCE are likely the result of building materials used in the vicinity of these samples and do not reflect a building-wide condition.

TPH-ms was not detected above the method detection limit in any of the indoor air or ambient air samples.

SUMMARY AND CONCLUSIONS

ERM conducted a limited indoor air investigation at the property located at 1020 41st Street in Emeryville, California. Five indoor air and two ambient air samples were collected for laboratory analysis. The following conclusions are drawn from the findings of this indoor air investigation:

- Low concentrations of 13 VOCs were detected in the indoor air samples and are likely reflective of background air concentrations or localized use of building materials.
- TPH-ms was non-detect in the indoor and ambient air samples, indicating that TPH-ms detected in proximate groundwater does not appear to be impacting indoor air.

ERM has appreciated the opportunity to support Aegis on this project. If you have any questions regarding this report, please feel free to contact John Cavanaugh at (925) 946-0455.

Sincerely,

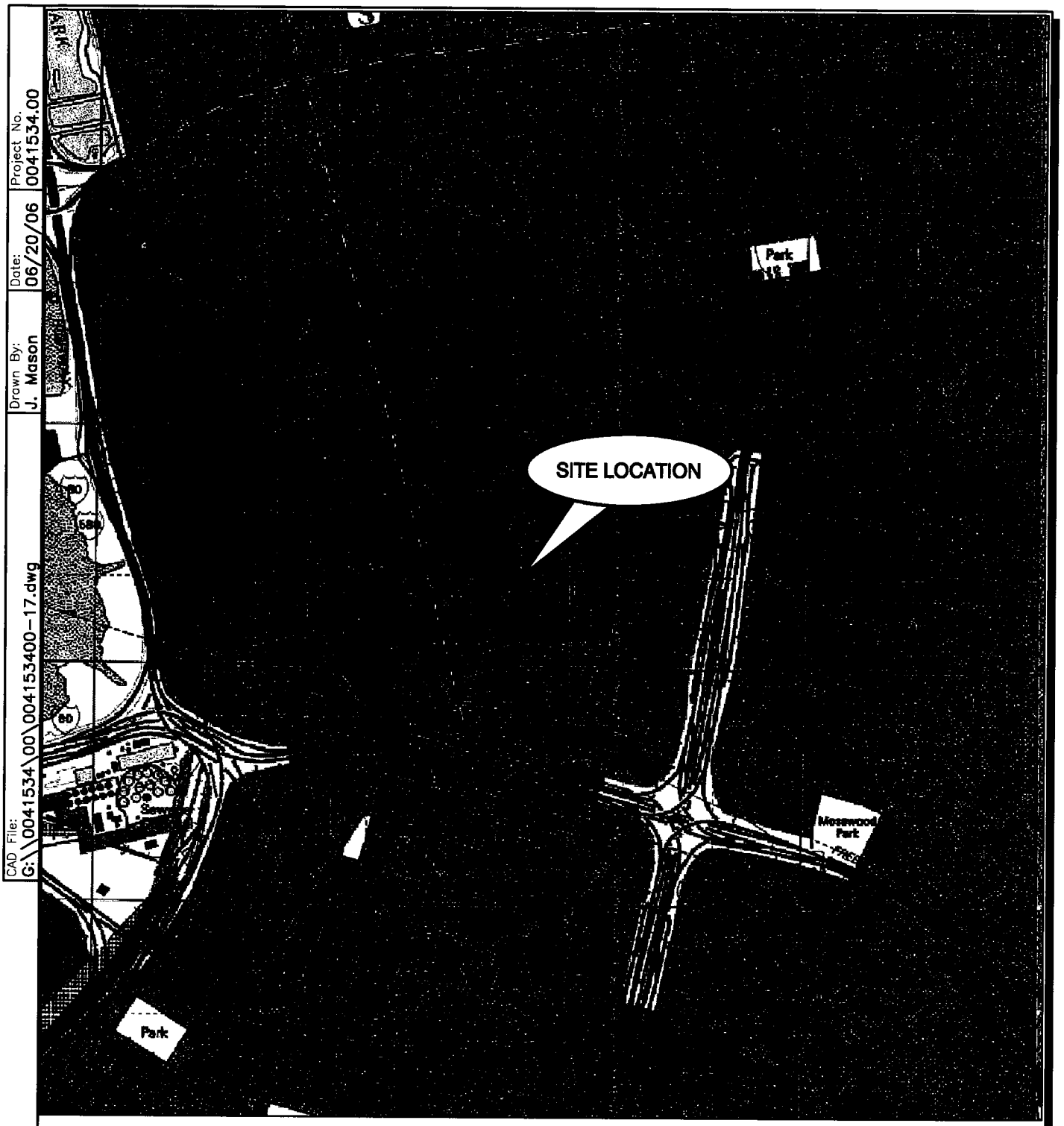
John O. Cavanaugh, P.G.
Partner-in-Charge

Rachel Sijgers
Project Geologist

JOC/rls/0051024

Enclosures: Figures 1 and 2
Tables 1
Attachment A – Field Sampling Sheet
Attachment B – Laboratory Analytical Report

Figures



SCALE 1: 24,000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

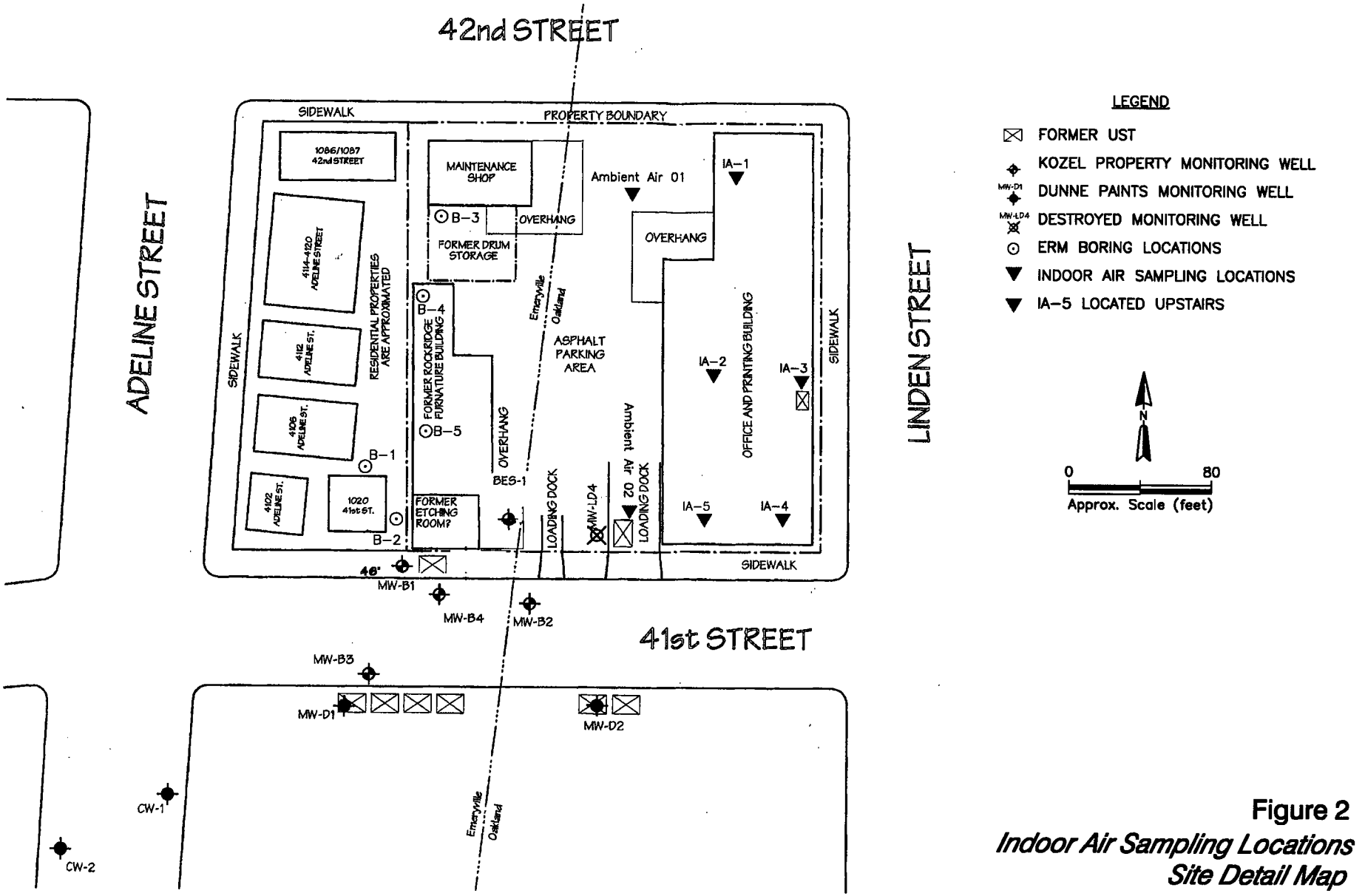
N

References:
TOPO!® Software
U.S.G.S. 7.5 Minute Series (Topographic) Quadrangle,
Oakland, California
Dated: 1980

Figure 1
Site Location Map
Kozel Property
Oakland, California

ERM 06/06

CAD File:	Drawn By:	Date:	Project No.
G:\\0041534\00\004153400-17.dwg	J. Mason	06/21/06	0041534.00



LEGEND

- FORMER UST
- KOZEL PROPERTY MONITORING WELL
- MW-D1 DUNNE PAINTS MONITORING WELL
- MW-LD4 DESTROYED MONITORING WELL
- ERM BORING LOCATIONS
- INDOOR AIR SAMPLING LOCATIONS
- IA-5 LOCATED UPSTAIRS

N

0 80

Approx. Scale (feet)

Figure 2

Indoor Air Sampling Locations
Site Detail Map
Kozel Property
Oakland, California

ERM 08/06

Tables

Table 1
VOCs and TPH Detected in Indoor Air Samples
Kozel Property
Emeryville, California

Sample ID	Sample Heigth/Depth	Sample Date	TPH Mineral Spirits (Niosh 1550, µg)	Volatile Organic Compounds (TO15, µG/m^3) Freon 11	Freon 12	Acetone	Benzene	Chloromethane	Chloroform	Ethanol	MEK	PCE	2-Propanol	Toluene	1,2,4-TMB	m,p-Xylene
ESL Indoor Air Screening Levels			--	--	--	*660*	*0.085*	*0.33*	*0.45*	--	*210*	*0.41*	--	*63*	--	*150**
CHHSL Indoor Air Human Health Screening Levels			--	--	--	--	*0.084*	--	--	--	--	*0.41*	--	*313*	--	*730*
Indoor Air Samples																
IA-1	3.5	7/12/2006	<50	**1.5**	**2.3**	**23**	<0.50	1.2	<0.77	**6.7**	**3.3**	<1.1	<1.9	**1.8**	<0.78	**0.82**
IA-2	3.5	7/12/2006	<50	**1.4**	**2.6**	**9.6**	<0.55	1.2	0.92	**5.7**	<2.5	<1.2	<2.1	**2**	<0.84	**1**
IA-3	3.5	7/12/2006	<50	**1.7**	**2.8**	**12**	0.52	1.2	<0.73	**7.5**	<2.2	1.6	**2.2**	**3.1**	**0.86**	**1.2**
IA-4	3.5	7/12/2006	<50	**1.7**	**2.5**	**11**	0.53	1.3	<0.73	**6.5**	<2.2	<1	<1.8	**2**	<0.73	**0.78**
IA-5	3.5	7/12/2006	<50	**1.7**	**2.8**	**14**	0.49	1.4	<0.74	**7.7**	<2.2	<1.0	**1.9**	**2.6**	**0.76**	**1.2**
Ambient Air Samples																
Ambient Air 01	ambient air	7/12/2006	<50	**1.5**	**2.8**	**10**	<0.56	1.2	<0.85	**6.3**	<2.6	<1.2	<2.2	**1.5**	<0.86	<0.76
Ambient Air 02	ambient air	7/12/2006	<50	**1.6**	**2.7**	**39**	<0.50	1.4	<0.76	**13**	**9.3**	<1.0	**4.6**	**2.1**	<0.76	**1**

Notes:
µG/m3 = micrograms per cubic meter of air
bgs = below ground surface
ESL = Environmental Screening Level for evaluation of potential indoor air impacts (RWQCB, February 2005). C denotes applicable ESL for carcinogenic effects, NC denotes applicable ESL for non-carcinogenic effects.
CHHSL = California Human Health Screening Levels (Department of Toxic Substances Control, January 2005).
(-) denotes no established ESL
Only detected compounds are included in this table.
Isopropyl alcohol was used for detecting leaks within the sampling system.
* = denotes Indoor Air ESL for total xylenes

Abbreviations:
PCE = Tetrachloroethene
1,2,4-TMB = 1,2,4-Trimethylbenzene
MEK = Methyl ethyl ketone

Attachment A
Field Sampling Sheets

ERM
Site: Aegis Emeryville
Emeryville, California

Date: 7/12/06
Set up Time: 0806
Weather: overcast, 60's
Samplers: RLS, CY

Sample ID #: Ambient Air 01

Location: adjacent to front gate/entry way

Sample Height: approx. 5' above ground

Initial Vacuum (inches Hg)	Sample Start Time	Sample End Time	Final Vacuum (inches Hg)
29.5	0830	1643	8

Temperature at Time of Sampling: variable
Humidity at Time of Sampling: unknown

Analysis Required	Sample Time	Summa Canister ID	Flow Controller ID
VOC full scan	8 hrs.	31430	364

Niosh 1550 (mineral spirits) 5 hrs. @ approx. 0.05 L/min.

Field Observations:

GilAir #201440 Sample start time: 0944
end time: 1440

[illegible]	.0545	01
[illegible]	.0543	02
.0535	.0541	03
.0526	.0537	04
.0520	.0534	05
.0515	.0530	06
.0507	.0527	07
.0499	.0524	08
.0494	.0520	09
.0489	.0517	10

Sampler Signature(s):

Rachel Sypo

ERM
Site: 4300 Horton Street
Emeryville, California

Date: 7/12/06
Set up Time: 0812
Weather: overcast, 60's
Samplers: RLS, CY

Sample ID #: Ambient Air 02

Location: former loading dock

Sample Height: approx. 5' above ground

Initial Vacuum (inches Hg)	Sample Start Time	Sample End Time	Final Vacuum (inches Hg)
28.5	0832	1632	4

Temperature at Time of Sampling: variable
Humidity at Time of Sampling: unknown

Analysis Required	Sample Time	Summa Canister ID	Flow Controller ID
VOC full scan	8 hrs.	1803	206

Niosh 1550 (mineral spirits) 5 hrs. @ approx. 0.05 L/min.

Field Observations:

GilAir# 201444 sample start time: 0947
sample end time: 0943

.0447	.0448	01
.0452	.0450	02
.0447	.0449	03
.0442	.0447	04
.0438	.0445	05
.0432	.0443	06
.0432	.0442	07
.0429	.0440	08
.0478	.0444	09
.0437	.0443	10

Sampler Signature(s):

Rachel Syjo

ERM Site: Acuis Emeryville Emeryville, California	Date: 7/12/96 Set up Time: 0814 Weather: overcast, 60's Samplers: RLS, CY

Sample ID #: IA-1

Location: Front lab room, adjacent to entrance ("press room")

Sample Height: approx. 3.5' above ground

Initial Vacuum (inches Hg)	Sample Start Time	Sample End Time	Final Vacuum (inches Hg)
30	0833	1635	5

Temperature at Time of Sampling: ~ 67 °F

Humidity at Time of Sampling: unknown

Analysis Required	Sample Time	Summa Canister ID	Flow Controller ID
VOC full scan	8 hrs.	3086	850
Niosh 1550 (mineral spirits)	5 hrs. @ approx. 0.06 L/min		

Field Observations:

GilAir #201486 start time: 0952
end time: 1450

.0816	.1282	02
.0808	.1124	03
.0536	.0977	04
.0613	.0904	05
.0555	.0846	06
.0539	.0802	07
.0561	.0772	08
.0528	.0745	09
.0573	.0728	10

AC running inside building, windows closed

Sampler Signature(s):

Rachel Sipps

ERM
Site: Acuis Emeryville
Emeryville, California

Date: 7/12/06
Set up Time: 0817
Weather: overcast, 60's
Samplers: RLS CY

Sample ID #: IA-2

Location: Downstairs women's bathroom

Sample Height: approx. 3.5' above ground

Initial Vacuum (inches Hg)	Sample Start Time	Sample End Time	Final Vacuum (inches Hg)
30	0835	1645	9.0

Temperature at Time of Sampling: ~ 67°F
Humidity at Time of Sampling: unknown

Analysis Required	Sample Time	Summa Canister ID	Flow Controller ID
VOC full scan	8 hrs.	1654	889

Niosh 1550 (mineral spirits) 5hrs @ approx. 0.06 L/min

Field Observations:

GilAir #201460 start time: 1000
end time: 1459

.1337	.1338	01
.0659	.0998	02
.0694	.0897	03
.0656	.0837	04
.0686	.0807	05
.0687	.0787	06
.0597	.0760	07
.0626	.0743	08
.0628	.0730	09
.0592	.0716	10

AC running inside building, windows closed

Sampler Signature(s):

Rachel Sym

FRM
Site Acals Emeryville
Emeryville, California

Date: 7/12/06
Set up Time: 0819
Weather: overcast, 60's
Samplers: RLS, CY

Sample ID #: IA-3

Location: downstairs office, facing

Sample Height: approx. 3.5' above ground.

Initial Vacuum (inches Hg)	Sample Start Time	Sample End Time	Final Vacuum (inches Hg)
30	0837	1637	5.0

Temperature at Time of Sampling: ~67°F
Humidity at Time of Sampling: unknown

Analysis Required	Sample Time	Summa Canister ID	Flow Controller ID
VOC full scan	8 hrs.	2612	342

Niosh 1550 (mineral spirits) 5 hrs. @ approx. 0.05 L/min

Field Observations:

GilAir #201461 start time: 1003
end time: 1503

.0191	.0192	01
.0513	.0352	02
.0510	.0405	03
.0505	.0430	04
.0503	.0445	05
.0502	.0454	06
.0506	.0462	07
.0503	.0467	08
.0504	.0471	09
.0504	.0474	10

AC running inside building, windows closed

Sampler Signature(s):

Rachel Sojo

[illegible] Site: Aegis Emeryville Emeryville, California	Date: 7/12/06 Set up Time: 0829 Weather: overcast, 60's Samplers: RLS, CY

Sample ID #: IA-4

Location: Large Room

Sample Height: approx. 3.5' above ground

Initial Vacuum (inches Hg)	Sample Start Time	Sample End Time	Final Vacuum (inches Hg)
30	0839	1639	4

Temperature at Time of Sampling: ~67°F

Humidity at Time of Sampling: unknown

Analysis Required	Sample Time	Summa Canister ID	Flow Controller ID
VOC full scan	8 hrs.	23923	594
Niosh 1550 (mineral spirits)	5 hrs. @ approx. 0.05 L/min.		

Field Observations:

GilAir # 201499 start time: 1006 end time: 1506

.0569	.0503	04
.0440	.0491	05
.0588	.0507	06
.0582	.0518	07
.0468	.0511	08
.0491	.0509	09
.0487	.0507	10

AC running inside building, windows closed

Sampler Signature(s):

Rachel Sijra

ERM
Site: Aegis Emeryville
Emeryville, California

Date: 7/12/06
Set up Time: 0832
Weather: overcast, 60's
Samplers: RLS, CY

Sample ID #: IA-5

Location: upstairs

Sample Height: Approx. 3.5' above ground

Initial Vacuum (inches Hg)	Sample Start Time	Sample End Time	Final Vacuum (inches Hg)
29	0845	1642	4.0

Temperature at Time of Sampling: ~67°F
Humidity at Time of Sampling: unknown

Analysis Required	Sample Time	Summa Canister ID	Flow Controller ID
VOC-full scan	8 hrs.	3085	297

Niosh 1550 (mineral spirits) 5 hrs. @ approx. 0.05 L/min.

Field Observations:

GilAir #201443 start time: 1008
end time: 1508

Flow	Average	# Samples
.0889	.0890	01
.0592	.0741	02
.0517	.0666	03
.0472	.0618	04
.0470	.0588	05
.0470	.0568	06
.0467	.0554	07
.0552	.0554	08
.0546	.0553	09
.0551	.0553	10

AC running inside building, windows closed.

Sampler Signature(s):

Rachel Seyger

Attachment B
Laboratory Analytical Report

@ AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0607260

Work Order Summary

CLIENT:	Ms. Rachel Sijgers ERM-West 1777 Botelho Drive Suite 260 Walnut Creek, CA 94596-5042	**BILL TO:**	Ms. Rachel Sijgers ERM-West 1777 Botelho Drive Suite 260 Walnut Creek, CA 94596-5042
PHONE:	925-279-3277	**P.O. #**	0041534.00
FAX:	925-946-9968	**PROJECT #**	Aegis Emeryville
DATE RECEIVED:	07/14/2006	**CONTACT:**	Nicole Danbacher
DATE COMPLETED:	07/27/2006		

FRACTION #	NAME	TEST
01A	Ambient Air 01	Modified NIOSH 1550
02A	Ambient Air 02	Modified NIOSH 1550
03A	IA-1	Modified NIOSH 1550
04A	IA-2	Modified NIOSH 1550
05A	IA-3	Modified NIOSH 1550
06A	IA-4	Modified NIOSH 1550
07A	IA-5	Modified NIOSH 1550
07AA	IA-5 Duplicate	Modified NIOSH 1550
08A	Lab Blank	Modified NIOSH 1550
09A	LCS	Modified NIOSH 1550

CERTIFIED BY: Linda J. Truman DATE: 07/27/06

Laboratory Director

Certfication numbers: 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: 07/01/05, Expiration date: 06/30/06
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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

LABORATORY NARRATIVE
Modified NIOSH 1550
ERM-West
Workorder# 0607260

Seven NIOSH Charcoal Tube samples were received on July 14, 2006. The laboratory performed the analysis via Modified NIOSH Method 1550. The method involves solvent desorption of the sample tubes using carbon disulfide, followed by separation and analysis using GC/FID.

Method modifications taken to run these samples include:

Requirement	*NIOSH 1550*	*ATL Modifications*
Correct sample results for background contamination found in Method Blank	(Steps 14 and 15) Calculate target analyte mass in front and back end media by subtracting background contamination reported front and back sections of the Method Blank.	Background subtraction of target analyte found in Method Blank is not performed.
Initial Calibration	Calibrate daily with at least six working standards over the working range.	Validate linearity of Initial Calibration by bracketing analyses with Continuing Calibration Verification .standards +/- 25% D
Verification of calibration and desorption efficiency	Analyze three quality control blind spikes and three analyst spikes to insure that the calibration graph and DE graph are in control	Analyze bracketing CCV standards and extracted batch independent source Laboratory Control Sample to insure that the calibration graph and DE graph are in control
Calculations	Determine the mass, mg (corrected for Desorption Efficiency) of analyte	Desorption efficiency study is performed for each lot of sorbent tube media. Results are not corrected for desorption efficiency unless requested by the client.
Target Compounds	Includes C5-C16 petroleum products.	Expanded to also include diesel range organics (C7-C24).

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The front and back portions of each tube were analyzed separately to monitor for possible breakthrough. No breakthrough was observed.

Sample results were not corrected for desorption efficiency.

Definition of Data Qualifying Flags

Seven 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 not 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

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

Summary of Detected Compounds
MODIFIED NIOSH 1550 GC/FID

Client Sample ID: Ambient Air 01

Lab ID#: 0607260-01A
No Detections Were Found.

Client Sample ID: Ambient Air 02

Lab ID#: 0607260-02A
No Detections Were Found.

Client Sample ID: IA-1

Lab ID#: 0607260-03A
No Detections Were Found.

Client Sample ID: IA-2

Lab ID#: 0607260-04A
No Detections Were Found.

Client Sample ID: IA-3

Lab ID#: 0607260-05A
No Detections Were Found.

Client Sample ID: IA-4

Lab ID#: 0607260-06A
No Detections Were Found.

Client Sample ID: IA-5

Lab ID#: 0607260-07A
No Detections Were Found.

Client Sample ID: IA-5 Duplicate

Lab ID#: 0607260-07AA
No Detections Were Found.

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Ambient Air 01

Lab ID#: 0607260-01A

MODIFIED NIOSH 1550 GC/FID

File Name:	x072112	Date of Collection: 7/12/06
Dil. Factor:	1.00	Date of Analysis: 7/21/06 11:44 AM
		Date of Extraction: 7/21/06

Compound	Rpt. Limit (ug)	Amount (ug)
Mineral Spirits	50	Not Detected

Container Type: NIOSH Charcoal Tube

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Ambient Air 02

Lab ID#: 0607260-02A

MODIFIED NIOSH 1550 GC/FID

File Name:	x072114	Date of Collection: 7/12/06
Dil. Factor:	1.00	Date of Analysis: 7/21/06 12:18 PM
		Date of Extraction: 7/21/06

Compound	Rpt. Limit (ug)	Amount (ug)
Mineral Spirits	50	Not Detected

Container Type: NIOSH Charcoal Tube

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-1

Lab ID#: 0607260-03A

MODIFIED NIOSH 1550 GC/FID

File Name:	x072116	Date of Collection: 7/12/06	
Dil. Factor:	1.00	Date of Analysis: 7/21/06 01:02 PM	
		Date of Extraction: 7/21/06	

Compound	Rpt. Limit (ug)	Amount (ug)
Mineral Spirits	50	Not Detected

Container Type: NIOSH Charcoal Tube

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-2

Lab ID#: 0607260-04A

MODIFIED NIOSH 1550 GC/FID

File Name:	x072118	Date of Collection:	7/12/06
Dil. Factor:	1.00	Date of Analysis:	7/21/06 01:37 PM
		Date of Extraction:	7/21/06

Compound	Rpt. Limit (ug)	Amount (ug)
Mineral Spirits	50	Not Detected

Container Type: NIOSH Charcoal Tube

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-3

Lab ID#: 0607260-05A

MODIFIED NIOSH 1550 GC/FID

File Name:	x072120	Date of Collection: 7/12/06	
Dil. Factor:	1.00	Date of Analysis: 7/21/06 02:11 PM	
		Date of Extraction: 7/21/06	

Compound	Rpt. Limit (ug)	Amount (ug)
Mineral Spirits	50	Not Detected

Container Type: NIOSH Charcoal Tube

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-4

Lab ID#: 0607260-06A

MODIFIED NIOSH 1550 GC/FID

File Name:	x072122	Date of Collection:	7/12/06
Dil. Factor:	1.00	Date of Analysis:	7/21/06 02:45 PM
		Date of Extraction:	7/21/06

Compound	Rpt. Limit (ug)	Amount (ug)
Mineral Spirits	50	Not Detected

Container Type: NIOSH Charcoal Tube

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-5

Lab ID#: 0607260-07A

MODIFIED NIOSH 1550 GC/FID

File Name:	x072124	Date of Collection: 7/12/06	
Dil. Factor:	1.00	Date of Analysis: 7/21/06 03:19 PM	
		Date of Extraction: 7/21/06	

Compound	Rpt. Limit (ug)	Amount (ug)
Mineral Spirits	50	Not Detected

Container Type: NIOSH Charcoal Tube

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-5 Duplicate

Lab ID#: 0607260-07AA

MODIFIED NIOSH 1550 GC/FID

File Name:	x072125	Date of Collection:	7/12/06
Dil. Factor:	1.00	Date of Analysis:	7/21/06 03:36 PM
		Date of Extraction:	7/21/06

Compound	Rpt. Limit (ug)	Amount (ug)
Mineral Spirits	50	Not Detected

Container Type: NIOSH Charcoal Tube

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0607260-08A

MODIFIED NIOSH 1550 GC/FID

File Name:	x072111	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 7/21/06 11:27 AM	
		Date of Extraction: 7/21/06	

Compound	Rpt. Limit (ug)	Amount (ug)
Mineral Spirits	50	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0607260-09A

MODIFIED NIOSH 1550 GC/FID

File Name:	x072110	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/21/06 11:05 AM
		Date of Extraction: 7/21/06

Compound	%Recovery
Mineral Spirits	89

Container Type: NA - Not Applicable

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

Contact Person: Rachel Sijgers
Company: EPM
Email: rachel.sijgers@epm.com
Address: 1777 Botelho Dr. #260 City: Walnut Creek State: CA Zip: 94596
Phone: 925-946-0455 Fax: 925-946-9968
Collected by: (Signature) Rachel Sijgers

Project Info:
P.O. #: 0041534.00
Project #:
Project Name: Aegis Emeryville

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	Ambient Air 01		7/12/06	0944	Niosh 1550 (TPH-ms)				
02A	Ambient Air 02		7/12/06	0947	Niosh 1550 (TPH-ms)				
03A	IA-1		7/12/06	0952	Niosh 1550 (TPH-ms)				
04A	IA-2		7/12/06	1000	Niosh 1550 (TPH-ms)				
05A	IA-3		7/12/06	1003	Niosh 1550 (TPH-ms)				
06A	IA-4		7/12/06	1006	Niosh 1550 (TPH-ms)				
07A	IA-5		7/12/06	1008	Niosh 1550 (TPH-ms)				
				RLS					

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Rachel Sijgers	7/13/06 1600	[illegible] ATL	7/14/06 0910
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	7270 2820 3356	N/A	good	Yes No None	0607260

Form 1293 rev.10

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0607283

Work Order Summary

CLIENT:	Ms. Rachel Sijgers ERM-West 1777 Botelho Drive Suite 260 Walnut Creek, CA 94596-5042	**BILL TO:**	Ms. Rachel Sijgers ERM-West 1777 Botelho Drive Suite 260 Walnut Creek, CA 94596-5042
PHONE:	925-279-3277	**P.O. #**	0041534.00
FAX:	925-946-9968	**PROJECT #**	Aegis Emeryville
DATE RECEIVED:	07/14/2006	**CONTACT:**	Nicole Danbacher
DATE COMPLETED:	07/27/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	Ambient Air 01	Modified TO-15	7.0 "Hg
02A	Ambient Air 02	Modified TO-15	4.0 "Hg
03A	IA-1	Modified TO-15	4.5 "Hg
04A	IA-2	Modified TO-15	6.5 "Hg
05A	IA-3	Modified TO-15	3.0 "Hg
06A	IA-4	Modified TO-15	3.0 "Hg
07A	IA-5	Modified TO-15	3.5 "Hg
07AA	IA-5 Duplicate	Modified TO-15	3.5 "Hg
08A	Trip Blank	Modified TO-15	29.0 "Hg
09A	Lab Blank	Modified TO-15	NA
10A	CCV	Modified TO-15	NA
11A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda J. Fruman DATE: 07/27/06

Laboratory Director

Certfication numbers: 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: 07/01/05, Expiration date: 06/30/06
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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

LABORATORY NARRATIVE
Modified TO-15
ERM-West
Workorder# 0607283

Eight 6 Liter Summa Canister (100% Certified) samples were received on July 14, 2006. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter 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.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	*TO-15*	*ATL Modifications*
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

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 not 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

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: Ambient Air 01

Lab ID#: 0607283-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.18	0.56	0.86	2.8
Chloromethane	0.18	0.59	0.36	1.2
Freon 11	0.18	0.27	0.98	1.5
Ethanol	0.88	3.4	1.6	6.3
Acetone	0.88	4.3	2.1	10
Toluene	0.18	0.40	0.66	1.5

Client Sample ID: Ambient Air 02

Lab ID#: 0607283-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.54	0.77	2.7
Chloromethane	0.16	0.66	0.32	1.4
Freon 11	0.16	0.28	0.87	1.6
Ethanol	0.78	6.9	1.5	13
Acetone	0.78	16	1.8	39
2-Propanol	0.78	1.8	1.9	4.6
2-Butanone (Methyl Ethyl Ketone)	0.78	3.2	2.3	9.3
Toluene	0.16	0.55	0.58	2.1
m,p-Xylene	0.16	0.24	0.67	1.0

Client Sample ID: IA-1

Lab ID#: 0607283-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.47	0.78	2.3
Chloromethane	0.16	0.61	0.33	1.2
Freon 11	0.16	0.27	0.89	1.5
Ethanol	0.79	3.6	1.5	6.7
Acetone	0.79	9.6	1.9	23
2-Butanone (Methyl Ethyl Ketone)	0.79	1.1	2.3	3.3
Toluene	0.16	0.49	0.60	1.8
m,p-Xylene	0.16	0.19	0.69	0.82

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: IA-2

Lab ID#: 0607283-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.17	0.54	0.84	2.6
Chloromethane	0.17	0.60	0.35	1.2
Freon 11	0.17	0.25	0.96	1.4
Ethanol	0.86	3.0	1.6	5.7
Acetone	0.86	4.0	2.0	9.6
Chloroform	0.17	0.19	0.83	0.92
Toluene	0.17	0.52	0.64	2.0
m,p-Xylene	0.17	0.24	0.74	1.0

Client Sample ID: IA-3

Lab ID#: 0607283-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.56	0.74	2.8
Chloromethane	0.15	0.57	0.31	1.2
Freon 11	0.15	0.31	0.84	1.7
Ethanol	0.74	4.0	1.4	7.5
Acetone	0.74	5.3	1.8	12
2-Propanol	0.74	0.91	1.8	2.2
Benzene	0.15	0.16	0.48	0.52
Toluene	0.15	0.82	0.56	3.1
Tetrachloroethene	0.15	0.23	1.0	1.6
m,p-Xylene	0.15	0.28	0.65	1.2
1,2,4-Trimethylbenzene	0.15	0.17	0.73	0.86

Client Sample ID: IA-4

Lab ID#: 0607283-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.50	0.74	2.5
Chloromethane	0.15	0.62	0.31	1.3
Freon 11	0.15	0.30	0.84	1.7
Ethanol	0.74	3.4	1.4	6.5
Acetone	0.74	4.7	1.8	11
Benzene	0.15	0.17	0.48	0.53
Toluene	0.15	0.53	0.56	2.0

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: IA-4

Lab ID#: 0607283-06A

m,p-Xylene	0.15	0.18	0.65	0.78

Client Sample ID: IA-5

Lab ID#: 0607283-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.57	0.75	2.8
Chloromethane	0.15	0.70	0.31	1.4
Freon 11	0.15	0.31	0.85	1.7
Ethanol	0.76	4.1	1.4	7.7
Acetone	0.76	6.0	1.8	14
2-Propanol	0.76	0.79	1.9	1.9
Benzene	0.15	0.15	0.48	0.49
Toluene	0.15	0.70	0.57	2.6
m,p-Xylene	0.15	0.28	0.66	1.2
1,2,4-Trimethylbenzene	0.15	0.16	0.75	0.76

Client Sample ID: IA-5 Duplicate

Lab ID#: 0607283-07AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.55	0.75	2.7
Chloromethane	0.15	0.70	0.31	1.4
Freon 11	0.15	0.34	0.85	1.9
Ethanol	0.76	3.3	1.4	6.2
Acetone	0.76	6.1	1.8	14
2-Propanol	0.76	0.84	1.9	2.0
Benzene	0.15	0.18	0.48	0.59
Toluene	0.15	0.61	0.57	2.3
m,p-Xylene	0.15	0.27	0.66	1.2
1,2,4-Trimethylbenzene	0.15	0.18	0.75	0.87

Client Sample ID: Trip Blank

Lab ID#: 0607283-08A

No Detections Were Found.

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Ambient Air 01

Lab ID#: 0607283-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072516	Date of Collection: 7/12/06
Dil. Factor:	1.75	Date of Analysis: 7/25/06 09:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.18	0.56	0.86	2.8
Freon 114	0.18	Not Detected	1.2	Not Detected
Chloromethane	0.18	0.59	0.36	1.2
Vinyl Chloride	0.18	Not Detected	0.45	Not Detected
1,3-Butadiene	0.88	Not Detected	1.9	Not Detected
Bromomethane	0.18	Not Detected	0.68	Not Detected
Chloroethane	0.18	Not Detected	0.46	Not Detected
Freon 11	0.18	0.27	0.98	1.5
Ethanol	0.88	3.4	1.6	6.3
Freon 113	0.18	Not Detected	1.3	Not Detected
1,1-Dichloroethene	0.18	Not Detected	0.69	Not Detected
Acetone	0.88	4.3	2.1	10
2-Propanol	0.88	Not Detected	2.2	Not Detected
Carbon Disulfide	0.88	Not Detected	2.7	Not Detected
Methylene Chloride	0.35	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.88	Not Detected	3.2	Not Detected
trans-1,2-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Hexane	0.88	Not Detected	3.1	Not Detected
1,1-Dichloroethane	0.18	Not Detected	0.71	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.88	Not Detected	2.6	Not Detected
cis-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected
Tetrahydrofuran	0.88	Not Detected	2.6	Not Detected
Chloroform	0.18	Not Detected	0.85	Not Detected
1,1,1-Trichloroethane	0.18	Not Detected	0.95	Not Detected
Cyclohexane	0.88	Not Detected	3.0	Not Detected
Carbon Tetrachloride	0.18	Not Detected	1.1	Not Detected
Benzene	0.18	Not Detected	0.56	Not Detected
1,2-Dichloroethane	0.18	Not Detected	0.71	Not Detected
Heptane	0.88	Not Detected	3.6	Not Detected
Trichloroethene	0.18	Not Detected	0.94	Not Detected
1,2-Dichloropropane	0.18	Not Detected	0.81	Not Detected
1,4-Dioxane	0.88	Not Detected	3.2	Not Detected
Bromodichloromethane	0.88	Not Detected	5.9	Not Detected
cis-1,3-Dichloropropene	0.18	Not Detected	0.79	Not Detected
4-Methyl-2-pentanone	0.88	Not Detected	3.6	Not Detected
Toluene	0.18	0.40	0.66	1.5
trans-1,3-Dichloropropene	0.18	Not Detected	0.79	Not Detected
1,1,2-Trichloroethane	0.18	Not Detected	0.95	Not Detected
Tetrachloroethene	0.18	Not Detected	1.2	Not Detected
2-Hexanone	0.88	Not Detected	3.6	Not Detected

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Ambient Air 01

Lab ID#: 0607283-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072516	Date of Collection: 7/12/06
Dil. Factor:	1.75	Date of Analysis: 7/25/06 09:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.88	Not Detected	7.4	Not Detected
1,2-Dibromoethane (EDB)	0.18	Not Detected	1.3	Not Detected
Chlorobenzene	0.18	Not Detected	0.80	Not Detected
Ethyl Benzene	0.18	Not Detected	0.76	Not Detected
m,p-Xylene	0.18	Not Detected	0.76	Not Detected
o-Xylene	0.18	Not Detected	0.76	Not Detected
Styrene	0.18	Not Detected	0.74	Not Detected
Bromoform	0.88	Not Detected	9.0	Not Detected
Cumene	0.88	Not Detected	4.3	Not Detected
1,1,2,2-Tetrachloroethane	0.18	Not Detected	1.2	Not Detected
Propylbenzene	0.88	Not Detected	4.3	Not Detected
4-Ethyltoluene	0.88	Not Detected	4.3	Not Detected
1,3,5-Trimethylbenzene	0.18	Not Detected	0.86	Not Detected
1,2,4-Trimethylbenzene	0.18	Not Detected	0.86	Not Detected
1,3-Dichlorobenzene	0.18	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.18	Not Detected	1.0	Not Detected
alpha-Chlorotoluene	0.18	Not Detected	0.90	Not Detected
1,2-Dichlorobenzene	0.18	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.88	Not Detected	6.5	Not Detected
Hexachlorobutadiene	0.88	Not Detected	9.3	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	103	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Ambient Air 02

Lab ID#: 0607283-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072517	Date of Collection: 7/12/06
Dil. Factor:	1.55	Date of Analysis: 7/25/06 10:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.54	0.77	2.7
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	0.66	0.32	1.4
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
1,3-Butadiene	0.78	Not Detected	1.7	Not Detected
Bromomethane	0.16	Not Detected	0.60	Not Detected
Chloroethane	0.16	Not Detected	0.41	Not Detected
Freon 11	0.16	0.28	0.87	1.6
Ethanol	0.78	6.9	1.5	13
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Acetone	0.78	16	1.8	39
2-Propanol	0.78	1.8	1.9	4.6
Carbon Disulfide	0.78	Not Detected	2.4	Not Detected
Methylene Chloride	0.31	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.78	Not Detected	2.8	Not Detected
trans-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Hexane	0.78	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.63	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.78	3.2	2.3	9.3
cis-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.16	Not Detected	0.76	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.84	Not Detected
Cyclohexane	0.78	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.16	Not Detected	0.98	Not Detected
Benzene	0.16	Not Detected	0.50	Not Detected
1,2-Dichloroethane	0.16	Not Detected	0.63	Not Detected
Heptane	0.78	Not Detected	3.2	Not Detected
Trichloroethene	0.16	Not Detected	0.83	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.72	Not Detected
1,4-Dioxane	0.78	Not Detected	2.8	Not Detected
Bromodichloromethane	0.78	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.70	Not Detected
4-Methyl-2-pentanone	0.78	Not Detected	3.2	Not Detected
Toluene	0.16	0.55	0.58	2.1
trans-1,3-Dichloropropene	0.16	Not Detected	0.70	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.84	Not Detected
Tetrachloroethene	0.16	Not Detected	1.0	Not Detected
2-Hexanone	0.78	Not Detected	3.2	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Ambient Air 02

Lab ID#: 0607283-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072517	Date of Collection: 7/12/06
Dil. Factor:	1.55	Date of Analysis: 7/25/06 10:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.78	Not Detected	6.6	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.71	Not Detected
Ethyl Benzene	0.16	Not Detected	0.67	Not Detected
m,p-Xylene	0.16	0.24	0.67	1.0
o-Xylene	0.16	Not Detected	0.67	Not Detected
Styrene	0.16	Not Detected	0.66	Not Detected
Bromoform	0.78	Not Detected	8.0	Not Detected
Cumene	0.78	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.78	Not Detected	3.8	Not Detected
4-Ethyltoluene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.76	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.76	Not Detected
1,3-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.80	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
1,2,4-Trichlorobenzene	0.78	Not Detected	5.8	Not Detected
Hexachlorobutadiene	0.78	Not Detected	8.3	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-1

Lab ID#: 0607283-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072519	Date of Collection: 7/12/06
Dil. Factor:	1.58	Date of Analysis: 7/25/06 11:47 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.47	0.78	2.3
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	0.61	0.33	1.2
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
1,3-Butadiene	0.79	Not Detected	1.7	Not Detected
Bromomethane	0.16	Not Detected	0.61	Not Detected
Chloroethane	0.16	Not Detected	0.42	Not Detected
Freon 11	0.16	0.27	0.89	1.5
Ethanol	0.79	3.6	1.5	6.7
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Acetone	0.79	9.6	1.9	23
2-Propanol	0.79	Not Detected	1.9	Not Detected
Carbon Disulfide	0.79	Not Detected	2.5	Not Detected
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.79	Not Detected	2.8	Not Detected
trans-1,2-Dichloroethene	0.79	Not Detected	3.1	Not Detected
Hexane	0.79	Not Detected	2.8	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.64	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.79	1.1	2.3	3.3
cis-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Tetrahydrofuran	0.79	Not Detected	2.3	Not Detected
Chloroform	0.16	Not Detected	0.77	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Cyclohexane	0.79	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.16	Not Detected	0.99	Not Detected
Benzene	0.16	Not Detected	0.50	Not Detected
1,2-Dichloroethane	0.16	Not Detected	0.64	Not Detected
Heptane	0.79	Not Detected	3.2	Not Detected
Trichloroethene	0.16	Not Detected	0.85	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.73	Not Detected
1,4-Dioxane	0.79	Not Detected	2.8	Not Detected
Bromodichloromethane	0.79	Not Detected	5.3	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
4-Methyl-2-pentanone	0.79	Not Detected	3.2	Not Detected
Toluene	0.16	0.49	0.60	1.8
trans-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Tetrachloroethene	0.16	Not Detected	1.1	Not Detected
2-Hexanone	0.79	Not Detected	3.2	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-1

Lab ID#: 0607283-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072519	Date of Collection: 7/12/06
Dil. Factor:	1.58	Date of Analysis: 7/25/06 11:47 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.79	Not Detected	6.7	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.73	Not Detected
Ethyl Benzene	0.16	Not Detected	0.69	Not Detected
m,p-Xylene	0.16	0.19	0.69	0.82
o-Xylene	0.16	Not Detected	0.69	Not Detected
Styrene	0.16	Not Detected	0.67	Not Detected
Bromoform	0.79	Not Detected	8.2	Not Detected
Cumene	0.79	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.79	Not Detected	3.9	Not Detected
4-Ethyltoluene	0.79	Not Detected	3.9	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.78	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.78	Not Detected
1,3-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.82	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,2,4-Trichlorobenzene	0.79	Not Detected	5.9	Not Detected
Hexachlorobutadiene	0.79	Not Detected	8.4	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	102	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-2

Lab ID#: 0607283-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072520	Date of Collection: 7/12/06
Dil. Factor:	1.71	Date of Analysis: 7/26/06 12:28 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.17	0.54	0.84	2.6
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.17	0.60	0.35	1.2
Vinyl Chloride	0.17	Not Detected	0.44	Not Detected
1,3-Butadiene	0.86	Not Detected	1.9	Not Detected
Bromomethane	0.17	Not Detected	0.66	Not Detected
Chloroethane	0.17	Not Detected	0.45	Not Detected
Freon 11	0.17	0.25	0.96	1.4
Ethanol	0.86	3.0	1.6	5.7
Freon 113	0.17	Not Detected	1.3	Not Detected
1,1-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.86	4.0	2.0	9.6
2-Propanol	0.86	Not Detected	2.1	Not Detected
Carbon Disulfide	0.86	Not Detected	2.7	Not Detected
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.86	Not Detected	3.1	Not Detected
trans-1,2-Dichloroethene	0.86	Not Detected	3.4	Not Detected
Hexane	0.86	Not Detected	3.0	Not Detected
1,1-Dichloroethane	0.17	Not Detected	0.69	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.86	Not Detected	2.5	Not Detected
cis-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Tetrahydrofuran	0.86	Not Detected	2.5	Not Detected
Chloroform	0.17	0.19	0.83	0.92
1,1,1-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Cyclohexane	0.86	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.17	Not Detected	1.1	Not Detected
Benzene	0.17	Not Detected	0.55	Not Detected
1,2-Dichloroethane	0.17	Not Detected	0.69	Not Detected
Heptane	0.86	Not Detected	3.5	Not Detected
Trichloroethene	0.17	Not Detected	0.92	Not Detected
1,2-Dichloropropane	0.17	Not Detected	0.79	Not Detected
1,4-Dioxane	0.86	Not Detected	3.1	Not Detected
Bromodichloromethane	0.86	Not Detected	5.7	Not Detected
cis-1,3-Dichloropropene	0.17	Not Detected	0.78	Not Detected
4-Methyl-2-pentanone	0.86	Not Detected	3.5	Not Detected
Toluene	0.17	0.52	0.64	2.0
trans-1,3-Dichloropropene	0.17	Not Detected	0.78	Not Detected
1,1,2-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Tetrachloroethene	0.17	Not Detected	1.2	Not Detected
2-Hexanone	0.86	Not Detected	3.5	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-2

Lab ID#: 0607283-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072520	Date of Collection: 7/12/06
Dil. Factor:	1.71	Date of Analysis: 7/26/06 12:28 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.86	Not Detected	7.3	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected
Chlorobenzene	0.17	Not Detected	0.79	Not Detected
Ethyl Benzene	0.17	Not Detected	0.74	Not Detected
m,p-Xylene	0.17	0.24	0.74	1.0
o-Xylene	0.17	Not Detected	0.74	Not Detected
Styrene	0.17	Not Detected	0.73	Not Detected
Bromoform	0.86	Not Detected	8.8	Not Detected
Cumene	0.86	Not Detected	4.2	Not Detected
1,1,2,2-Tetrachloroethane	0.17	Not Detected	1.2	Not Detected
Propylbenzene	0.86	Not Detected	4.2	Not Detected
4-Ethyltoluene	0.86	Not Detected	4.2	Not Detected
1,3,5-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,2,4-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
alpha-Chlorotoluene	0.17	Not Detected	0.88	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.86	Not Detected	6.3	Not Detected
Hexachlorobutadiene	0.86	Not Detected	9.1	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-3

Lab ID#: 0607283-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072521	Date of Collection: 7/12/06
Dil. Factor:	1.49	Date of Analysis: 7/26/06 01:14 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.56	0.74	2.8
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	0.57	0.31	1.2
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	0.31	0.84	1.7
Ethanol	0.74	4.0	1.4	7.5
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	5.3	1.8	12
2-Propanol	0.74	0.91	1.8	2.2
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.74	Not Detected	2.7	Not Detected
trans-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Hexane	0.74	Not Detected	2.6	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.74	Not Detected	2.2	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.74	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	0.16	0.48	0.52
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.74	Not Detected	3.0	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.74	Not Detected	2.7	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.74	Not Detected	3.0	Not Detected
Toluene	0.15	0.82	0.56	3.1
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	0.23	1.0	1.6
2-Hexanone	0.74	Not Detected	3.0	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-3

Lab ID#: 0607283-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072521	Date of Collection: 7/12/06
Dil. Factor:	1.49	Date of Analysis: 7/26/06 01:14 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	Not Detected	0.65	Not Detected
m,p-Xylene	0.15	0.28	0.65	1.2
o-Xylene	0.15	Not Detected	0.65	Not Detected
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.74	Not Detected	7.7	Not Detected
Cumene	0.74	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.74	Not Detected	3.7	Not Detected
4-Ethyltoluene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	0.17	0.73	0.86
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	104	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-4

Lab ID#: 0607283-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072522	Date of Collection: 7/12/06
Dil. Factor:	1.49	Date of Analysis: 7/26/06 02:05 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.50	0.74	2.5
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	0.62	0.31	1.3
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	0.30	0.84	1.7
Ethanol	0.74	3.4	1.4	6.5
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	4.7	1.8	11
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.74	Not Detected	2.7	Not Detected
trans-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Hexane	0.74	Not Detected	2.6	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.74	Not Detected	2.2	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.74	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	0.17	0.48	0.53
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.74	Not Detected	3.0	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.74	Not Detected	2.7	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.74	Not Detected	3.0	Not Detected
Toluene	0.15	0.53	0.56	2.0
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected
2-Hexanone	0.74	Not Detected	3.0	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-4

Lab ID#: 0607283-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072522	Date of Collection: 7/12/06
Dil. Factor:	1.49	Date of Analysis: 7/26/06 02:05 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	Not Detected	0.65	Not Detected
m,p-Xylene	0.15	0.18	0.65	0.78
o-Xylene	0.15	Not Detected	0.65	Not Detected
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.74	Not Detected	7.7	Not Detected
Cumene	0.74	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.74	Not Detected	3.7	Not Detected
4-Ethyltoluene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	105	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-5

Lab ID#: 0607283-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072523	Date of Collection: 7/12/06
Dil. Factor:	1.52	Date of Analysis: 7/26/06 02:47 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.57	0.75	2.8
Freon 114	0.15	Not Detected	1.1	Not Detected
Chloromethane	0.15	0.70	0.31	1.4
Vinyl Chloride	0.15	Not Detected	0.39	Not Detected
1,3-Butadiene	0.76	Not Detected	1.7	Not Detected
Bromomethane	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	0.31	0.85	1.7
Ethanol	0.76	4.1	1.4	7.7
Freon 113	0.15	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Acetone	0.76	6.0	1.8	14
2-Propanol	0.76	0.79	1.9	1.9
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.76	Not Detected	2.7	Not Detected
trans-1,2-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Hexane	0.76	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.62	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.76	Not Detected	2.2	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.74	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Cyclohexane	0.76	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
Benzene	0.15	0.15	0.48	0.49
1,2-Dichloroethane	0.15	Not Detected	0.62	Not Detected
Heptane	0.76	Not Detected	3.1	Not Detected
Trichloroethene	0.15	Not Detected	0.82	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.76	Not Detected	2.7	Not Detected
Bromodichloromethane	0.76	Not Detected	5.1	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.76	Not Detected	3.1	Not Detected
Toluene	0.15	0.70	0.57	2.6
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected
2-Hexanone	0.76	Not Detected	3.1	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-5

Lab ID#: 0607283-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072523	Date of Collection:	7/12/06
Dil. Factor:	1.52	Date of Analysis:	7/26/06 02:47 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.76	Not Detected	6.5	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Ethyl Benzene	0.15	Not Detected	0.66	Not Detected
m,p-Xylene	0.15	0.28	0.66	1.2
o-Xylene	0.15	Not Detected	0.66	Not Detected
Styrene	0.15	Not Detected	0.65	Not Detected
Bromoform	0.76	Not Detected	7.8	Not Detected
Cumene	0.76	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.76	Not Detected	3.7	Not Detected
4-Ethyltoluene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,2,4-Trimethylbenzene	0.15	0.16	0.75	0.76
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	105	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-5 Duplicate

Lab ID#: 0607283-07AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072524	Date of Collection: 7/12/06
Dil. Factor:	1.52	Date of Analysis: 7/26/06 04:16 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.55	0.75	2.7
Freon 114	0.15	Not Detected	1.1	Not Detected
Chloromethane	0.15	0.70	0.31	1.4
Vinyl Chloride	0.15	Not Detected	0.39	Not Detected
1,3-Butadiene	0.76	Not Detected	1.7	Not Detected
Bromomethane	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	0.34	0.85	1.9
Ethanol	0.76	3.3	1.4	6.2
Freon 113	0.15	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Acetone	0.76	6.1	1.8	14
2-Propanol	0.76	0.84	1.9	2.0
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.76	Not Detected	2.7	Not Detected
trans-1,2-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Hexane	0.76	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.62	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.76	Not Detected	2.2	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.74	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Cyclohexane	0.76	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
Benzene	0.15	0.18	0.48	0.59
1,2-Dichloroethane	0.15	Not Detected	0.62	Not Detected
Heptane	0.76	Not Detected	3.1	Not Detected
Trichloroethene	0.15	Not Detected	0.82	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.76	Not Detected	2.7	Not Detected
Bromodichloromethane	0.76	Not Detected	5.1	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.76	Not Detected	3.1	Not Detected
Toluene	0.15	0.61	0.57	2.3
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected
2-Hexanone	0.76	Not Detected	3.1	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: IA-5 Duplicate

Lab ID#: 0607283-07AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072524	Date of Collection: 7/12/06
Dil. Factor:	1.52	Date of Analysis: 7/26/06 04:16 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.76	Not Detected	6.5	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Ethyl Benzene	0.15	Not Detected	0.66	Not Detected
m,p-Xylene	0.15	0.27	0.66	1.2
o-Xylene	0.15	Not Detected	0.66	Not Detected
Styrene	0.15	Not Detected	0.65	Not Detected
Bromoform	0.76	Not Detected	7.8	Not Detected
Cumene	0.76	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.76	Not Detected	3.7	Not Detected
4-Ethyltoluene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,2,4-Trimethylbenzene	0.15	0.18	0.75	0.87
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	103	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Trip Blank

Lab ID#: 0607283-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072527	Date of Collection: 7/12/06
Dil. Factor:	1.00	Date of Analysis: 7/26/06 06:33 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.50	Not Detected	1.8	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
2-Hexanone	0.50	Not Detected	2.0	Not Detected

Client Sample ID: Trip Blank

Lab ID#: 0607283-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072527	Date of Collection: 7/12/06
Dil. Factor:	1.00	Date of Analysis: 7/26/06 06:33 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0607283-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072504	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/25/06 01:56 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.50	Not Detected	1.8	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
2-Hexanone	0.50	Not Detected	2.0	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 0607283-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: a072504	Date of Collection: NA
Dil. Factor: 1.00	Date of Analysis: 7/25/06 01:56 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0607283-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072502	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 7/25/06 12:27 PM	

Compound	%Recovery
Freon 12	107
Freon 114	98
Chloromethane	99
Vinyl Chloride	96
1,3-Butadiene	108
Bromomethane	100
Chloroethane	119
Freon 11	111
Ethanol	81
Freon 113	99
1,1-Dichloroethene	97
Acetone	98
2-Propanol	94
Carbon Disulfide	96
Methylene Chloride	88
Methyl tert-butyl ether	75
trans-1,2-Dichloroethene	110
Hexane	107
1,1-Dichloroethane	99
2-Butanone (Methyl Ethyl Ketone)	94
cis-1,2-Dichloroethene	93
Tetrahydrofuran	95
Chloroform	98
1,1,1-Trichloroethane	103
Cyclohexane	102
Carbon Tetrachloride	120
Benzene	95
1,2-Dichloroethane	111
Heptane	104
Trichloroethene	91
1,2-Dichloropropane	98
1,4-Dioxane	108
Bromodichloromethane	116
cis-1,3-Dichloropropene	99
4-Methyl-2-pentanone	114
Toluene	96
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	104
Tetrachloroethene	104
2-Hexanone	116

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0607283-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072502	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 7/25/06 12:27 PM	

Compound	%Recovery
Dibromochloromethane	130
1,2-Dibromoethane (EDB)	101
Chlorobenzene	100
Ethyl Benzene	100
m,p-Xylene	98
o-Xylene	98
Styrene	101
Bromoform	130
Cumene	115
1,1,2,2-Tetrachloroethane	100
Propylbenzene	120
4-Ethyltoluene	121
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	101
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	98
alpha-Chlorotoluene	125
1,2-Dichlorobenzene	99
1,2,4-Trichlorobenzene	101
Hexachlorobutadiene	121

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0607283-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072503	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 7/25/06 01:05 PM	

Compound	%Recovery
Freon 12	113
Freon 114	111
Chloromethane	101
Vinyl Chloride	104
1,3-Butadiene	131
Bromomethane	110
Chloroethane	102
Freon 11	118
Ethanol	71
Freon 113	103
1,1-Dichloroethene	107
Acetone	102
2-Propanol	96
Carbon Disulfide	114
Methylene Chloride	97
Methyl tert-butyl ether	79
trans-1,2-Dichloroethene	118
Hexane	125
1,1-Dichloroethane	105
2-Butanone (Methyl Ethyl Ketone)	108
cis-1,2-Dichloroethene	97
Tetrahydrofuran	100
Chloroform	108
1,1,1-Trichloroethane	105
Cyclohexane	112
Carbon Tetrachloride	123
Benzene	103
1,2-Dichloroethane	112
Heptane	113
Trichloroethene	96
1,2-Dichloropropane	109
1,4-Dioxane	107
Bromodichloromethane	121
cis-1,3-Dichloropropene	99
4-Methyl-2-pentanone	114
Toluene	100
trans-1,3-Dichloropropene	118
1,1,2-Trichloroethane	111
Tetrachloroethene	112
2-Hexanone	118

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0607283-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	a072503	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 7/25/06 01:05 PM	

Compound	%Recovery
Dibromochloromethane	132
1,2-Dibromoethane (EDB)	110
Chlorobenzene	105
Ethyl Benzene	105
m,p-Xylene	108
o-Xylene	105
Styrene	108
Bromoform	126
Cumene	93
1,1,2,2-Tetrachloroethane	108
Propylbenzene	96
4-Ethyltoluene	102
1,3,5-Trimethylbenzene	112
1,2,4-Trimethylbenzene	106
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	104
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	102
1,2,4-Trichlorobenzene	95
Hexachlorobutadiene	110

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

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(916) 985-1000 FAX (916) 985-1020

Contact Person: Rachel Sijgers
Company: ERM — Email: rachel.sijgers@erm.com
Address: 777 Botelho Dr #260 City: Walnut Creek State: CA Zip: 94596
Phone: 925-946-0455 Fax: 925-946-9968
Collected by: (Signature) Rachel Sijgers

Project Info:
P.O. # 0041534.00
Project #
Project Name: Aegis Emeryville

Turn Around Time:
☑ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: BB
Date: 7/17/06
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final
01A	Ambient Air 01		7/12/06	0830	VOC full scan	29.5	8	7.0	5.0
02A	Ambient Air 02		7/12/06	0832	VOC full scan	28.5	4	4.0	
03A	IA-1		7/12/06	0833	VOC full scan	30	5	4.5	
04A	IA-2		7/12/06	0835	VOC full scan	30	9	6.5	
05A	IA-3		7/12/06	0837	VOC full scan	30	5	3.0	
06A	IA-4		7/12/06	0839	VOC full scan	30	4	3.0	
07A	IA-5		7/12/06	0845	VOC full scan	29	4	3.5	
08A	Trip Blank		7/12/06	0800	VOC full scan			29.0	

Relinquished by: (signature) Date/Time: Rachel Sijgers 7/13/06 1600
Received by: (signature) Date/Time: 7/14/06 0900
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	FedEx	7270 2633 3334	NA	Good	Yes No None	0607283

Form 1898 rev.10