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COMPLIANCE MONITORING SERVICES
2338 Frankfort Street
San Diego, California 92110
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May 10, 2005

County of San Diego Dept. of Environmental Health
Land and Water Quality Division
Site Assessment and Mitigation
PO Box 129261
San Diego, CA 92112-9261

Attn: Ms. Laurie Apecechea, Environmental Health Specialist

Subject: **Groundwater Monitoring Update Report**
SMOG Centro (former Highland Tire and Service)
404 Highland Avenue, National City, CA
DEH #H18010-002

Dear Ms. Apecechea:

On the behalf of Mrs. Helen Abbott, Compliance Monitoring Services (CMS) offers this update report and notification of our intent to continue monitoring at this time. In August 2004, CMS recommended monitoring groundwater on a quarterly basis until it is apparent the fuel contaminants are stable in the environment. CMS repeated the monitoring event in September 2004 and February 2005, and the sample concentrations of gasoline constituents (i.e., benzene) were generally equal in magnitude but do not yet define a stable or decreasing trend. CMS also used the February 2005 sampling event to screen the groundwater for naphthalene, and the results were below detection by EPA Method 8260B.

The enclosed Table 1 and Figure 2 summarize the updated groundwater monitoring data through February 2005. Copies of the field logs and laboratory analytical reports that were generated during the monitoring events conducted in September 2004 and February 2005 are attached. The three wells, MW-2, MW-3 and MW-4, were successively gauged, purged and sampled according to procedures described previously in *Site Assessment Report*. Following each of the monitoring events, CMS discharged the purged groundwater to the sanitary sewer according to batch discharge authorizations issued by the City of San Diego Metropolitan Wastewater Dept.

The groundwater data generally show higher concentrations in MW-3 and trace benzene detections in MW-2 to coincide with higher groundwater elevations during the past year of monitoring, but the change in groundwater elevation is less than 4 inches. It's also possible the groundwater concentrations are increasing due to vapor-phase migration and/or direct contact with contaminated soil at depth. CMS previously

reported soil contamination at 10 to 65 feet below ground surface, but there is a 35-foot thick clay layer that appears to separate the highest soil concentrations from the groundwater surface by almost 20 feet.

Outstanding precipitation levels this year have surely caused groundwater levels to rise throughout the County, and CMS has observed this at each of our project sites. Therefore, CMS proposes to repeat the groundwater monitoring event in June 2005, while taking this time to further evaluate the data and develop an effective Corrective Action Plan (CAP). Meanwhile, it remains unclear if soil remediation will be required to protect the groundwater beneath this site.

Please feel free to call me at (619) 276-5470 with your questions or comments in regard to this recommendation. Again, Mrs. Abbott can be reached at (435) 669-0361 should you care to speak with her directly. Thanks for your continued help with this matter.

Sincerely,
COMPLIANCE MONITORING SERVICES

D. Clinton Williams, RG #5341
Principal Geologist

REGISTERED GEOLOGIST
D. CLINTON WILLIAMS
No. 5341
Date Signed 5/10/05
STATE OF CALIFORNIA

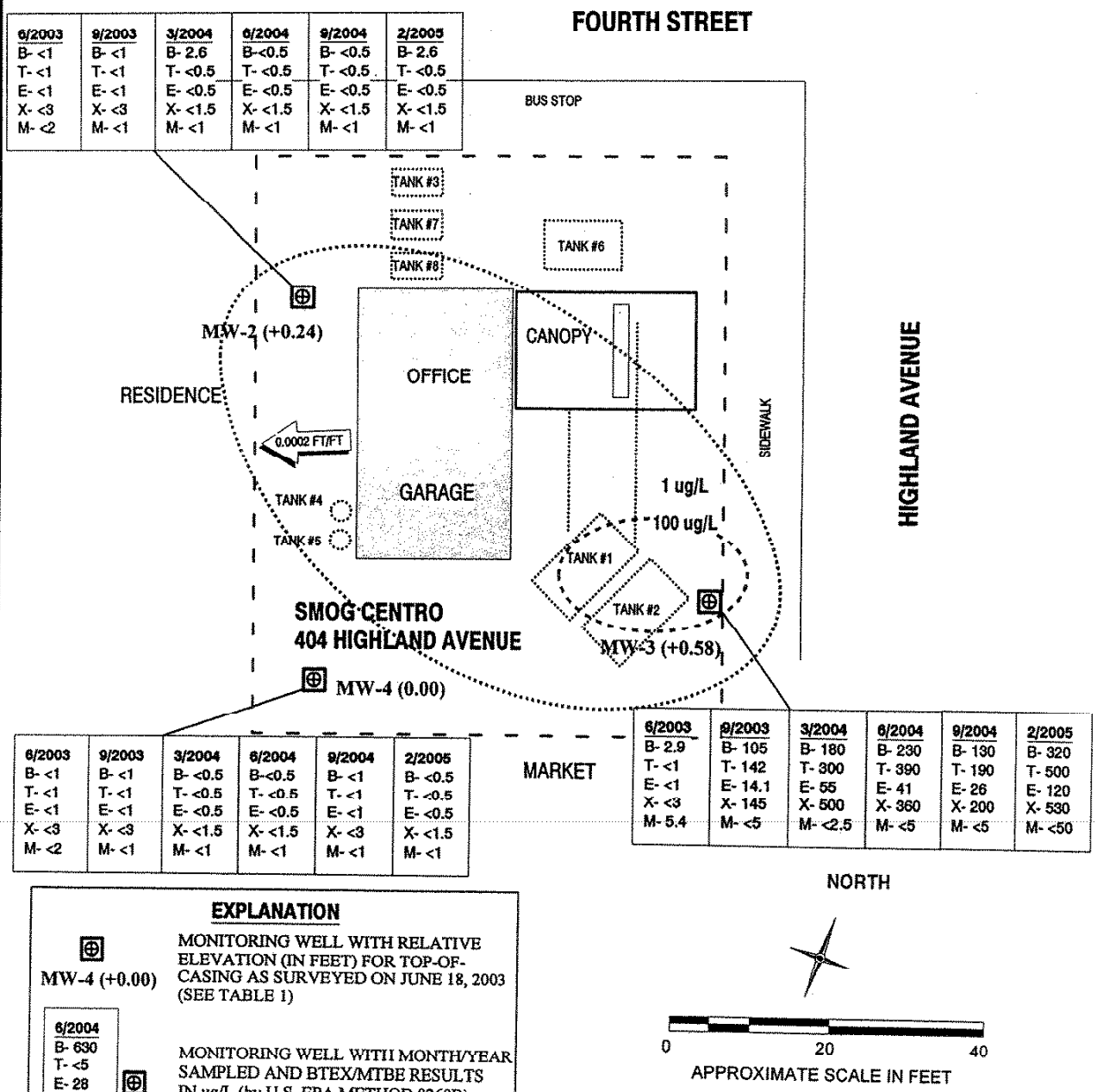
encs: Table 1 – Summary of Field and Laboratory Results
Figure 2 – Estimated Extent of Impacted Groundwater for February 2005
Field Logs and Laboratory Reports – September 2004 and February 2005 Events

cc: Mrs. Helen Abbott – Client Contact
Mr. and Mrs. Ngo – Property Owners

TABLE 1
Summary of Field and Laboratory Results
Groundwater Monitoring Wells
404 Highland Avenue, National City, California

Well ID Elevation*	Date of Measurement/ Collection	Depth to Water (ft) Below TOC	Relative Groundwater Elevation (ft)	Observable LPH? (Yes/No)	TPH	Volatile Organic Compounds									
					Gasoline (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Total Xylenes (ug/l)	MTBE (ug/l)	DIPE (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	Naphthalene (ug/l)
MW-2	5/30/2003	66.93	7.77	No	Not sampled										
	6/14/2003	66.94	7.76	No	Not sampled, well development only										
74.70	6/18/2003	66.96	7.74	No	ND(50)	ND(1)	ND(1)	ND(1)	ND(3)	ND(2)	ND(2)	ND(2)	ND(2)	ND(10)	--
	9/16/2003	67.02	7.68	No	ND(20)	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(1)	ND(1)	ND(1)	ND(50)	--
	3/15/2004	67.07	7.63	No	ND(500)	2.6	ND(0.5)	ND(0.5)	ND(1.5)	ND(1)	ND(5)	ND(5)	ND(5)	ND(25)	--
	6/29/2004	67.17	7.53	No	ND(500)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.5)	ND(1)	ND(5)	ND(5)	ND(5)	ND(25)	--
	9/23/2004	67.34	7.36	No	ND(500)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.5)	ND(1)	ND(5)	ND(5)	ND(5)	ND(25)	--
	2/16/2005	67.08	7.62	No	ND(500)	2.6	ND(0.5)	ND(0.5)	ND(1.5)	ND(1)	ND(5)	ND(5)	ND(5)	ND(25)	ND(5)
MW-3	5/30/2003	67.26	7.78	No	Not sampled										
	6/14/2003	67.28	7.76	No	Not sampled, well development only										
75.04	6/18/2003	67.30	7.74	No	163	2.9	ND(1)	ND(1)	ND(3)	5.4	ND(2)	ND(2)	ND(2)	ND(10)	--
	9/16/2003	67.35	7.69	No	1530	105	142	14.1	145	ND(5)	ND(5)	ND(5)	ND(5)	ND(250)	--
	3/15/2004	67.40	7.64	No	1400	180	300	55	500	ND(2.5)	ND(12)	ND(12)	ND(12)	ND(62)	--
	6/29/2004	67.52	7.52	No	2500	230	390	41	360	ND(5)	ND(25)	ND(25)	ND(25)	ND(120)	--
	9/23/2004	67.68	7.36	No	900	130	190	26	200	ND(5)	ND(25)	ND(25)	ND(25)	ND(120)	--
	2/16/2005	67.41	7.63	No	2500	320	500	120	530	ND(5)	ND(25)	ND(25)	ND(25)	ND(120)	ND(50)
MW-4	5/30/2003	66.69	7.77	No	Not sampled										
	6/14/2003	66.70	7.76	No	Not sampled, well development only										
74.46	6/18/2003	66.73	7.73	No	ND(50)	ND(1)	ND(1)	ND(1)	ND(3)	ND(2)	ND(2)	ND(2)	ND(2)	ND(10)	--
	9/16/2003	66.78	7.68	No	ND(20)	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(1)	ND(1)	ND(1)	ND(50)	--
	3/15/2004	66.83	7.63	No	ND(500)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.5)	ND(1)	ND(5)	ND(5)	ND(5)	ND(25)	--
	6/29/2004	66.94	7.52	No	ND(500)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.5)	ND(1)	ND(5)	ND(5)	ND(5)	ND(25)	--
	9/23/2004	67.09	7.37	No	ND(500)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.5)	ND(1)	ND(5)	ND(5)	ND(5)	ND(25)	--
	2/16/2005	66.84	7.62	No	ND(500)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.5)	ND(1)	ND(5)	ND(5)	ND(5)	ND(25)	ND(5)

Explanation:
Elevation* - top of casing surveyed on 5/30/2003 relative to an arbitrary benchmark near southwest corner of site assumed to be +75.00 feet.
LPH - Liquid-phase hydrocarbon (or "free product")
TPH - Total petroleum hydrocarbons, quantified as gasoline by EPA Method 8015M (GC-FID) or 8260B (GC/MS)
Volatile Organic Compounds by EPA Method 8260B
ug/l - Micrograms per liter
ND(1) - Not detected (less than reporting limit)
-- Not analyzed.



6/2003	9/2003	3/2004	6/2004	9/2004	2/2005
B- <1	B- <1	B- 2.6	B-<0.5	B- <0.5	B- 2.6
T- <1	T- <1	T- <0.5	T- <0.5	T- <0.5	T- <0.5
E- <1	E- <1	E- <0.5	E- <0.5	E- <0.5	E- <0.5
X- <3	X- <3	X- <1.5	X- <1.5	X- <1.5	X- <1.5
M- <2	M- <1	M- <1	M- <1	M- <1	M- <1

6/2003	9/2003	3/2004	6/2004	9/2004	2/2005
B- <1	B- <1	B- <0.5	B-<0.5	B- <1	B- <0.5
T- <1	T- <1	T- <0.5	T- <0.5	T- <1	T- <0.5
E- <1	E- <1	E- <0.5	E- <0.5	E- <1	E- <0.5
X- <3	X- <3	X- <1.5	X- <1.5	X- <3	X- <1.5
M- <2	M- <1	M- <1	M- <1	M- <1	M- <1

6/2003	9/2003	3/2004	6/2004	9/2004	2/2005
B- 2.9	B- 105	B- 180	B- 230	B- 130	B- 320
T- <1	T- 142	T- 300	T- 390	T- 190	T- 500
E- <1	E- 14.1	E- 55	E- 41	E- 26	E- 120
X- <3	X- 145	X- 500	X- 360	X- 200	X- 530
M- 5.4	M- <5	M- <2.5	M- <5	M- <5	M- <50

NORTH

0 20 40

APPROXIMATE SCALE IN FEET

EXPLANATION

MW-4 (+0.00) — MONITORING WELL WITH RELATIVE ELEVATION (IN FEET) FOR TOP-OF-CASING AS SURVEYED ON JUNE 18, 2003 (SEE TABLE 1)

6/2004
B- 630
T- <5
E- 28
X- 31/<5
M- 11

MONITORING WELL WITH MONTH/YEAR SAMPLED AND BTEX/MTBE RESULTS IN ug/L (by U.S. EPA METHOD 8260B)

CONTOUR LINE FOR BENZENE = 100 ug/L

CONTOUR LINE FOR BENZENE = 1 ug/L

TANK #6 — LOCATION AND IDENTIFICATION OF UNDERGROUND STORAGE TANKS REMOVED ON MAY 31, 2000

GENERALIZED GROUNDWATER FLOW DIRECTION AND GRADIENT (02/05)

FIGURE 2 - ESTIMATED EXTENT OF IMPACTED GROUNDWATER FEBRUARY 2005

SMOG CENTRO
404 HIGHLAND AVENUE
NATIONAL CITY, CALIFORNIA

COMPLIANCE MONITORING SERVICES

GROUNDWATER MONITORING WELL DATA SHEET

Address: 404 Highland Avenue, National City, CA

Date: 9/23/04 (0845)

Construction Data			Field Data			Elevations	
WELL ID	TD	SI	DTW	FP? (Y/N)	FPT	TOC	GW
MW-4	78.9	63.5-78.5	67.09	N	—	74.46	7.37
MW-2	74.9	59.5-74.5	67.34	N	—	74.70	7.36
MW-3	79.4	58.9-78.9	67.68	N	—	75.04	7.36

Explanation:

TD	Total depth of well below ground surface (in feet)
SI	Screened interval depth below ground surface (in feet)
DTW	Depth to water from top of casing measured with an electronic sounder (in feet)
FP?	Free product layer detected in well? (Yes/No)
FPT	Free product thickness measured with electronic interface probe (in feet)
TOC	Top of casing reference elevation +/- 0.01 feet relative to other wells (in feet)
GW	Calculated groundwater elevation relative to other wells (in feet)

Signature: Chris Kilbourne

Date 9/23/04

GROUNDWATER SAMPLE COLLECTION LOG

Project Name: SMOG Centro
Project No. ~~[illegible]~~ 204 04
Chain-of-Custody No.:

Well ID (attach map if necessary): MW-4
Sample Identification: MW4-0904
Sample Collected by: C. Williams
Checked by (Office)/Date: [illegible] 10/14/04

EQUIPMENT*

Water Level Meter ID #: Solinst - CMS #1
Purging Method/Equipment: Quick Bailer
pH/Cond. Meter ID #/Serial #: Hydac - CMS #1
Sampling Method : Disposable Bailer + Cond
Decontamination Methods: Alconox/water solution to clean, tap water rinse x2

WELL SPECIFICATIONS*

Borehole Diameter : 8 inches
Casing Inside Diameter : 2 inches
TOC Elevation : feet

MEASUREMENTS*

Depth to Water (DW) : 67.09 feet (Static Water Level)
Total Well Depth : 78.90 feet
Floating Product? : N (Y/N)
Product Thickness : — inches/ft?

PURGING REQUIREMENT ESTIMATION*

Use well specifications to obtain estimated borehole volume (BV) from table on back of this form.

11.8' BV = 9.3 gallons *(Assumes 25% porosity in filter pack.)*

PURGING AND SAMPLING INFORMATION*

Slow Recharging Well < 80 % recovery in 2 hours < Fast Recharging Well

1. Purge 1 BV, record measurements below
2. Allow 2 hours for recovery, note depth
3. Collect samples

Note: This well is assumed to be a f (slow/fast) recharging well.

1. Purge 1 BV, take measurements and record below.
2. Purge an additional 1/2 BV and record measurements below. If measurements stabilized then go to Step 3. If not, continue purging 1/2 BVs and taking measurement until 3 BVs are removed or measurements stabilize. Calculate maximum drawdown.
3. Allow 80% recovery (PR), note depth.
4. Collect samples.

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°F)	Specific Conductance (µS/cm)	pH	Water Description (Color, Turbidity, Odor, Oil)
1940	67.09	0	—	—	—	Begin purging
0951	67.3	9.5	76.0	4,800	7.1	slt turbid, no odor
1002	67.25	14.5	74.3	4,800	6.8	" "
1012	67.3	19	73.5	4,900	6.9	" "
1021	67.3	24	73.7	4,900	7.0	" "

Total Volume Purged: 24 gallons

Greatest Depth (GD) 67.3 ft (During Purging)

Depth to Water 67.1 ft (At time of Sampling)

PERCENT RECOVERY CALCULATIONS

where: PR = Percent recovery
RD = Residual drawdown; the difference between the measured depth to water prior to purging and the measured depth to water at the time of sampling.
MD = Maximum drawdown; the difference between the static water level (DW) prior to purging and the greatest depth during purging (GD).

$$PR = (1 - \frac{RD}{MD}) \times 100 = (1 - \frac{0.01}{0.21}) \times 100\% = 95\%$$

Note: Depth to water (at time of sampling) should be: GD - 80% recovery value (See table on back for 80% recovery value for calculated maximum drawdown).

SAMPLE PACKAGING*

Container Type(s) and Volume	Filtered (Y/N)	Sample Preservatives	Time Sample Collected	Analytical Parameters
3 x 40 ml VOA	N	HCl, chilled	1026	TPH(G), VOCs inc. OXYs

* SEE BACK FOR DETAILED INSTRUCTIONS

COLLECTOR'S SIGNATURE : Clint Williams Date: 9/23/04

Date 9/23/04

GROUNDWATER SAMPLE COLLECTION LOG

Project Name: SMOG Centre
Project No. ~~[illegible]~~ 204 04
Chain-of-Custody No.:

Well ID (attach map if necessary): MW-2
Sample Identification: MW2-0904
Sample Collected by: C. Williams
Checked by (Office)/Date: DJW 10/14/04

EQUIPMENT*

Water Level Meter ID #: Solinst - (MW #)
Purging Method/Equipment: Quik Bailer
pH/Cond. Meter ID #/Serial #: Hydrac - (MW #)
Sampling Method : Disposable Bailer + Cond
Decontamination Methods: Alconox/Water solution to clean, tap water rinse x2

WELL SPECIFICATIONS*

Borehole Diameter : 8 inches
Casing Inside Diameter : 2 inches
TOC Elevation : feet

MEASUREMENTS*

Depth to Water (DW) : 67.33 feet (Static Water Level)
Total Well Depth : 74.9 feet
Floating Product? : N (Y/N)
Product Thickness : — inches/ft?

PURGING REQUIREMENT ESTIMATION*

Use well specifications to obtain estimated borehole volume (BV) from table on back of this form.

7.6 BV = 5.9 gallons (*Assumes 25% porosity in filter pack.*)

PURGING AND SAMPLING INFORMATION*

Slow Recharging Well < 80 % recovery in 2 hours < Fast Recharging Well

1. Purge 1 BV, record measurements below
2. Allow 2 hours for recovery, note depth
3. Collect samples

Note: This well is assumed to be a ~~fast~~ (slow/fast) recharging well.

1. Purge 1 BV, take measurements and record below.
2. Purge an additional 1/2 BV and record measurements below. If measurements stabilized then go to Step 3. If not, continue purging 1/2 BVs and taking measurement until 3 BVs are removed or measurements stabilize. Calculate maximum drawdown.
3. Allow 80% recovery (PR), note depth.
4. Collect samples.

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°F)	Specific Conductance (µS/cm)	pH	Water Description (Color, Turbidity, Odor, Oil)
1046	67.33	0	—	—	—	begin purging
1054	67.65	6	75.8	4,900	7.2	slt turbid, no odor
1100	67.6	9	75.9	4,900	7.1	" "
1109	67.6	12	75.8	4,800	7.1	" "

Total Volume Purged: 12 gallons

Greatest Depth (GD) (During Purging) 67.65 ft

Depth to Water (At time of Sampling) 67.35 ft

PERCENT RECOVERY CALCULATIONS

where: PR = Percent recovery
RD = Residual drawdown; the difference between the measured depth to water prior to purging and the measured depth to water at the time of sampling.
MD = Maximum drawdown; the difference between the static water level (DW) prior to purging and the greatest depth during purging (GD).

$$PR = (1 - \frac{RD}{MD}) \times 100 = (1 - \frac{0.02}{0.32}) \times 100\% = 94\%$$

Note: Depth to water (at time of sampling) should be: GD - 80% recovery value (See table on back for 80% recovery value for calculated maximum drawdown).

SAMPLE PACKAGING*

Container Type(s) and Volume	Filtered (Y/N)	Sample Preservatives	Time Sample Collected	Analytical Parameters
3 x 40 ml VOA	N	HCl, chilled	1112	TPH(G), VOCs inc oxyg.

* SEE BACK FOR DETAILED INSTRUCTIONS

COLLECTOR'S SIGNATURE : [signature]

Date: 9/23/04

Date 9/23/04

GROUNDWATER SAMPLE COLLECTION LOG

Project Name: SMOG Centro
Project No. ~~[illegible]~~ 20404
Chain-of-Custody No.:

Well ID (attach map if necessary): MW-3
Sample Identification: MW3-0904
Sample Collected by: C. Williams
Checked by (Office)/Date: DMW 10/14/04

EQUIPMENT*

Water Level Meter ID #: Solinst - CMS #1
Purging Method/Equipment:
pH/Cond. Meter ID #/Serial #: Hydac - CMS #1
Sampling Method : Disposable Bailer + Cord
Decontamination Methods: Alconox/water solution to clean, tap water rinse x2

WELL SPECIFICATIONS*

Borehole Diameter : 8 inches
Casing Inside Diameter : 2 inches
TOC Elevation : feet

MEASUREMENTS*

Depth to Water (DW) : 67.66 feet (Static Water Level)
Total Well Depth : 78.4 feet
Floating Product? : N (Y/N)
Product Thickness : - inches/ft?

PURGING REQUIREMENT ESTIMATION*

Use well specifications to obtain estimated borehole volume (BV) from table on back of this form.

11.7 BV = 9 gallons (*Assumes 25% porosity in filter pack.*)

PURGING AND SAMPLING INFORMATION*

Slow Recharging Well < 80 % recovery in 2 hours < Fast Recharging Well

1. Purge 1 BV, record measurements below
2. Allow 2 hours for recovery, note depth
3. Collect samples

Note: This well is assumed to be a f (slow/fast) recharging well.

1. Purge 1 BV, take measurements and record below.
2. Purge an additional 1/2 BV and record measurements below. If measurements stabilized then go to Step 3. If not, continue purging 1/2 BVs and taking measurement until 3 BVs are removed or measurements stabilize. Calculate maximum drawdown.
3. Allow 80% recovery (PR), note depth.
4. Collect samples.

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°F)	Specific Conductance (µS/cm)	pH	Water Description (Color, Turbidity, Odor, Oil)
1141	67.66	0	—	—	—	begin purging
1151	68.05	9	75.1	4,600	7.3	slt turbid, no odor
1159	68.05	13.5	74.2	4,600	7.2	" "
1207	68.05	18	74.1	4,600	7.2	" "

Total Volume Purged: 18 gallons

Greatest Depth (GD) 68.05 ft (During Purging)

Depth to Water 67.7 ft (At time of Sampling)

PERCENT RECOVERY CALCULATIONS

where: PR = Percent recovery
RD = Residual drawdown; the difference between the measured depth to water prior to purging and the measured depth to water at the time of sampling.
MD = Maximum drawdown; the difference between the static water level (DW) prior to purging and the greatest depth during purging (GD).

$$PR = (1 - \frac{RD}{MD}) \times 100 = (1 - \frac{0.04}{0.39}) \times 100\% = 90\%$$

Note: Depth to water (at time of sampling) should be: GD - 80% recovery value (See table on back for 80% recovery value for calculated maximum drawdown).

SAMPLE PACKAGING*

Container Type(s) and Volume	Filtered (Y/N)	Sample Preservatives	Time Sample Collected	Analytical Parameters
3 x 40 ml VOA	N	HCl, chilled	1213	TPH(G), VOCs inc oxys
1 x 1 ltr poly	N	HNO_3, chilled	1213	Total Lead
1 x 0.5 ltr poly	N	chilled	1213	Flashpoint

* SEE BACK FOR DETAILED INSTRUCTIONS

COLLECTOR'S SIGNATURE : Chris M Williams Date: 9/23/04

Del Mar Analytical

17461 Dan... ..., Suite 100, Irvine, CA 92614 (949) 261 1022 FAX (949) 260-3297
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9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

LABORATORY REPORT

Prepared For: Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project: Smog Centro
20404

Sampled: 09/23/04
Received: 09/23/04
Issued: 10/12/04 09:19

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
INI1587-01	MW4-0904	Water
INI1587-02	MW2-0904	Water
INI1587-03	MW3-0904	Water

Reviewed By:

Del Mar Analytical, Irvine
Jim Hatfield
Project Manager

Del Mar Analytical

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: INI1587

Sampled: 09/23/04
Received: 09/23/04

VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INI1587-01 (MW4-0904 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	4J05018	500	ND	1	10/5/2004	10/5/2004	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*107 %*				
Sample ID: INI1587-02 (MW2-0904 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	4J05018	500	ND	1	10/5/2004	10/5/2004	
Surrogate: Dibromofluoromethane (80-120%)				*103 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				
Sample ID: INI1587-03 (MW3-0904 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	4J05018	500	**900**	1	10/5/2004	10/5/2004	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				

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2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: INI1587

Sampled: 09/23/04
Received: 09/23/04

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INI1587-01 (MW4-0904 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	4J04044	0.50	ND	1	10/4/2004	10/5/2004	
Ethylbenzene	EPA 8260B	4J04044	0.50	ND	1	10/4/2004	10/5/2004	
Toluene	EPA 8260B	4J04044	0.50	ND	1	10/4/2004	10/5/2004	
o-Xylene	EPA 8260B	4J04044	0.50	ND	1	10/4/2004	10/5/2004	
m,p-Xylenes	EPA 8260B	4J04044	1.0	ND	1	10/4/2004	10/5/2004	
Xylenes, Total	EPA 8260B	4J04044	1.5	ND	1	10/4/2004	10/5/2004	
Di-isopropyl Ether (DIPE)	EPA 8260B	4J04044	5.0	ND	1	10/4/2004	10/5/2004	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	4J04044	5.0	ND	1	10/4/2004	10/5/2004	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	4J04044	5.0	ND	1	10/4/2004	10/5/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4J04044	1.0	ND	1	10/4/2004	10/5/2004	
tert-Butanol (TBA)	EPA 8260B	4J04044	25	ND	1	10/4/2004	10/5/2004	
Surrogate: Dibromofluoromethane (80-120%)				*114 %*				
Surrogate: Toluene-d8 (80-120%)				*110 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: INI1587-02 (MW2-0904 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	4J04044	0.50	ND	1	10/4/2004	10/5/2004	
Ethylbenzene	EPA 8260B	4J04044	0.50	ND	1	10/4/2004	10/5/2004	
Toluene	EPA 8260B	4J04044	0.50	ND	1	10/4/2004	10/5/2004	
o-Xylene	EPA 8260B	4J04044	0.50	ND	1	10/4/2004	10/5/2004	
m,p-Xylenes	EPA 8260B	4J04044	1.0	ND	1	10/4/2004	10/5/2004	
Xylenes, Total	EPA 8260B	4J04044	1.5	ND	1	10/4/2004	10/5/2004	
Di-isopropyl Ether (DIPE)	EPA 8260B	4J04044	5.0	ND	1	10/4/2004	10/5/2004	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	4J04044	5.0	ND	1	10/4/2004	10/5/2004	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	4J04044	5.0	ND	1	10/4/2004	10/5/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4J04044	1.0	ND	1	10/4/2004	10/5/2004	
tert-Butanol (TBA)	EPA 8260B	4J04044	25	ND	1	10/4/2004	10/5/2004	
Surrogate: Dibromofluoromethane (80-120%)				*114 %*				
Surrogate: Toluene-d8 (80-120%)				*109 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				

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20404
Report Number: INI1587

Sampled: 09/23/04
Received: 09/23/04

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INI1587-03 (MW3-0904 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	4J05018	0.50	**130**	1	10/5/2004	10/5/2004	
Ethylbenzene	EPA 8260B	4J05018	0.50	**26**	1	10/5/2004	10/5/2004	
Toluene	EPA 8260B	4J05018	0.50	**190**	1	10/5/2004	10/5/2004	
o-Xylene	EPA 8260B	4J05018	0.50	**58**	1	10/5/2004	10/5/2004	
m,p-Xylenes	EPA 8260B	4J05018	1.0	**140**	1	10/5/2004	10/5/2004	
Xylenes, Total	EPA 8260B	4J05018	1.5	**200**	1	10/5/2004	10/5/2004	
Di-isopropyl Ether (DIPE)	EPA 8260B	4J05018	5.0	ND	1	10/5/2004	10/5/2004	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	4J05018	5.0	ND	1	10/5/2004	10/5/2004	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	4J05018	5.0	ND	1	10/5/2004	10/5/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	4J05018	1.0	ND	1	10/5/2004	10/5/2004	
tert-Butanol (TBA)	EPA 8260B	4J05018	25	ND	1	10/5/2004	10/5/2004	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INI1587-03 (MW3-0904 - Water)								
Reporting Units: mg/l								
Lead	EPA 6010B	4J01047	0.0050	ND	1	10/1/2004	10/2/2004	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INI1587-03 (MW3-0904 - Water)								
Reporting Units: °C								
Flashpoint	EPA 1010	4I28068	20	>94	1	9/28/2004	9/28/2004	

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METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4J05018 Extracted: 10/05/04										
Blank Analyzed: 10/05/04 (4J05018-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	500	ug/l							
Surrogate: Dibromofluoromethane	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
LCS Analyzed: 10/05/04 (4J05018-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	455	500	ug/l	500		91	65-125			
Surrogate: Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Matrix Spike Analyzed: 10/05/04 (4J05018-MS1)					**Source: INI1611-03**					
Volatile Fuel Hydrocarbons (C4-C12)	854	500	ug/l	1120	ND	76	60-140			
Surrogate: Dibromofluoromethane	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Matrix Spike Dup Analyzed: 10/05/04 (4J05018-MSD1)					**Source: INI1611-03**					
Volatile Fuel Hydrocarbons (C4-C12)	1060	500	ug/l	1120	ND	95	60-140	22	20	*R*
Surrogate: Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			

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METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4J04044 Extracted: 10/04/04										
Blank Analyzed: 10/04/04 (4J04044-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Xylenes, Total	ND	1.5	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	25	ug/l							
Surrogate: Dibromofluoromethane	*27.4*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
LCS Analyzed: 10/04/04 (4J04044-BS1)										
Benzene	21.6	0.50	ug/l	25.0		86	70-120			
Ethylbenzene	24.5	0.50	ug/l	25.0		98	80-120			
Toluene	25.3	0.50	ug/l	25.0		101	75-120			
o-Xylene	23.0	0.50	ug/l	25.0		92	75-125			
m,p-Xylenes	47.6	1.0	ug/l	50.0		95	75-120			
Xylenes, Total	70.6	1.5	ug/l	75.0		94	75-125			
Di-isopropyl Ether (DIPE)	23.4	5.0	ug/l	25.0		94	65-135			
Ethyl tert-Butyl Ether (ETBE)	25.3	5.0	ug/l	25.0		101	60-140			
tert-Amyl Methyl Ether (TAME)	26.4	5.0	ug/l	25.0		106	60-140			
Methyl-tert-butyl Ether (MTBE)	25.4	1.0	ug/l	25.0		102	55-145			
tert-Butanol (TBA)	113	25	ug/l	125		90	70-140			
Surrogate: Dibromofluoromethane	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: Toluene-d8	*28.0*		*ug/l*	*25.0*		*112*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			

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METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4J04044 Extracted: 10/04/04										
Matrix Spike Analyzed: 10/05/04 (4J04044-MS1)					**Source: INI1717-01**					
Benzene	22.4	0.50	ug/l	25.0	ND	90	70-120			
Ethylbenzene	23.9	0.50	ug/l	25.0	ND	96	70-130			
Toluene	26.3	0.50	ug/l	25.0	ND	105	70-120			
o-Xylene	23.3	0.50	ug/l	25.0	ND	93	65-125			
m,p-Xylenes	46.9	1.0	ug/l	50.0	ND	94	65-130			
Xylenes, Total	70.2	1.5	ug/l	75.0	ND	94	65-135			
Di-isopropyl Ether (DIPE)	26.2	5.0	ug/l	25.0	ND	105	65-140			
Ethyl tert-Butyl Ether (ETBE)	28.7	5.0	ug/l	25.0	ND	115	60-140			
tert-Amyl Methyl Ether (TAME)	30.8	5.0	ug/l	25.0	ND	123	55-145			
Methyl-tert-butyl Ether (MTBE)	32.2	1.0	ug/l	25.0	2.5	119	50-155			
tert-Butanol (TBA)	141	25	ug/l	125	20	97	65-145			
Surrogate: Dibromofluoromethane	*28.8*		*ug/l*	*25.0*		*115*	*80-120*			
Surrogate: Toluene-d8	*28.0*		*ug/l*	*25.0*		*112*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Matrix Spike Dup Analyzed: 10/05/04 (4J04044-MSD1)					**Source: INI1717-01**					
Benzene	23.0	0.50	ug/l	25.0	ND	92	70-120	3	20	
Ethylbenzene	25.4	0.50	ug/l	25.0	ND	102	70-130	6	20	
Toluene	26.8	0.50	ug/l	25.0	ND	107	70-120	2	20	
o-Xylene	24.1	0.50	ug/l	25.0	ND	96	65-125	3	20	
m,p-Xylenes	49.3	1.0	ug/l	50.0	ND	99	65-130	5	25	
Xylenes, Total	73.4	1.5	ug/l	75.0	ND	98	65-135	4	20	
Di-isopropyl Ether (DIPE)	25.2	5.0	ug/l	25.0	ND	101	65-140	4	25	
Ethyl tert-Butyl Ether (ETBE)	26.7	5.0	ug/l	25.0	ND	107	60-140	7	25	
tert-Amyl Methyl Ether (TAME)	28.5	5.0	ug/l	25.0	ND	114	55-145	8	30	
Methyl-tert-butyl Ether (MTBE)	29.5	1.0	ug/l	25.0	2.5	108	50-155	9	25	
tert-Butanol (TBA)	153	25	ug/l	125	20	106	65-145	8	25	
Surrogate: Dibromofluoromethane	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: Toluene-d8	*27.8*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			

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METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4J05018 Extracted: 10/05/04										
Blank Analyzed: 10/05/04 (4J05018-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Xylenes, Total	ND	1.5	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	25	ug/l							
Surrogate: Dibromofluoromethane	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
LCS Analyzed: 10/05/04 (4J05018-BS1)										
Benzene	20.9	0.50	ug/l	25.0		84	70-120			
Ethylbenzene	23.2	0.50	ug/l	25.0		93	80-120			
Toluene	22.9	0.50	ug/l	25.0		92	75-120			
o-Xylene	22.6	0.50	ug/l	25.0		90	75-125			
m,p-Xylenes	45.0	1.0	ug/l	50.0		90	75-120			
Xylenes, Total	67.6	1.5	ug/l	75.0		90	75-125			
Di-isopropyl Ether (DIPE)	24.0	5.0	ug/l	25.0		96	65-135			
Ethyl tert-Butyl Ether (ETBE)	24.5	5.0	ug/l	25.0		98	60-140			
tert-Amyl Methyl Ether (TAME)	25.1	5.0	ug/l	25.0		100	60-140			
Methyl-tert-butyl Ether (MTBE)	29.7	1.0	ug/l	25.0		119	55-145			
tert-Butanol (TBA)	112	25	ug/l	125		90	70-140			
Surrogate: Dibromofluoromethane	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Toluene-d8	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			

Del Mar Analytical, Irvine
Jim Hatfield
Project Manager

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Del Mar Analytical

Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: INI1587

Sampled: 09/23/04
Received: 09/23/04

METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4J05018 Extracted: 10/05/04										
Matrix Spike Analyzed: 10/05/04 (4J05018-MS1)					**Source: INI1611-03**					
Benzene	17.2	0.50	ug/l	25.0	ND	69	70-120			*M2*
Ethylbenzene	18.9	0.50	ug/l	25.0	ND	76	70-130			
Toluene	18.4	0.50	ug/l	25.0	ND	74	70-120			
o-Xylene	18.6	0.50	ug/l	25.0	ND	74	65-125			
m,p-Xylenes	37.8	1.0	ug/l	50.0	ND	76	65-130			
Xylenes, Total	56.4	1.5	ug/l	75.0	ND	75	65-135			
Di-isopropyl Ether (DIPE)	19.8	5.0	ug/l	25.0	ND	79	65-140			
Ethyl tert-Butyl Ether (ETBE)	20.1	5.0	ug/l	25.0	ND	80	60-140			
tert-Amyl Methyl Ether (TAME)	19.9	5.0	ug/l	25.0	ND	80	55-145			
Methyl-tert-butyl Ether (MTBE)	24.6	1.0	ug/l	25.0	ND	98	50-155			
tert-Butanol (TBA)	119	25	ug/l	125	ND	95	65-145			
Surrogate: Dibromofluoromethane	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Matrix Spike Dup Analyzed: 10/05/04 (4J05018-MSD1)					**Source: INI1611-03**					
Benzene	22.1	0.50	ug/l	25.0	ND	88	70-120	25	20	*R-3*
Ethylbenzene	24.5	0.50	ug/l	25.0	ND	98	70-130	26	20	*R*
Toluene	23.8	0.50	ug/l	25.0	ND	95	70-120	26	20	*R*
o-Xylene	23.6	0.50	ug/l	25.0	ND	94	65-125	24	20	*R*
m,p-Xylenes	46.1	1.0	ug/l	50.0	ND	92	65-130	20	25	
Xylenes, Total	69.7	1.5	ug/l	75.0	ND	93	65-135	21	20	*R*
Di-isopropyl Ether (DIPE)	24.4	5.0	ug/l	25.0	ND	98	65-140	21	25	
Ethyl tert-Butyl Ether (ETBE)	24.2	5.0	ug/l	25.0	ND	97	60-140	19	25	
tert-Amyl Methyl Ether (TAME)	22.8	5.0	ug/l	25.0	ND	91	55-145	14	30	
Methyl-tert-butyl Ether (MTBE)	27.0	1.0	ug/l	25.0	ND	108	50-155	9	25	
tert-Butanol (TBA)	135	25	ug/l	125	ND	108	65-145	13	25	
Surrogate: Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			

Del Mar Analytical, Irvine
Jim Hatfield
Project Manager

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Del Mar Analytical

Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: INI1587

Sampled: 09/23/04
Received: 09/23/04

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4J01047 Extracted: 10/01/04										
Blank Analyzed: 10/02/04 (4J01047-BLK1)										
Lead	ND	0.0050	mg/l							
LCS Analyzed: 10/02/04 (4J01047-BS1)										
Lead	0.969	0.0050	mg/l	1.00		97	80-120			
Matrix Spike Analyzed: 10/02/04 (4J01047-MS1)					**Source: INI1587-03**					
Lead	0.916	0.0050	mg/l	1.00	ND	92	75-125			
Matrix Spike Dup Analyzed: 10/02/04 (4J01047-MSD1)					**Source: INI1587-03**					
Lead	0.925	0.0050	mg/l	1.00	ND	92	75-125	1	20	

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Received: 09/23/04

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4I28068 Extracted: 09/28/04										
Reference Analyzed: 09/28/04 (4I28068-SRM1)										
Flashpoint	27.0	20	°C	27.0		100	96-104			

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DATA QUALIFIERS AND DEFINITIONS

>	Result is greater than the indicated value.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-3	The RPD exceeded the method control limit due to sample matrix effects.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Volatile Fuel Hydrocarbons (C4-C12):

Volatile Fuel Hydrocarbons (C4-C12) are quantitated against a gasoline standard. Quantitation begins immediately before TBA-d9.

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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 1010	Water	X	X
EPA 6010B	Water	X	X
EPA 8260B	Water	X	X
TPH by GC/MS	Water	X	X

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Jim Hatfield
Project Manager

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CHAIN OF CUSTODY FORM

JN11587

Client Name/Address: Compliance Monitoring Svcs, 2338 Frankfort St., San Diego, CA 92110

P.O. #: 20404

Project: SMOG CENTRO (Former Highland Time), 404 Highland Ave, National City, CA

Project Manager/Phone Number: Clint Williams

Phone Number: (619) 276-5470

Sampler: C. Williams

Fax Number: (619) 276-5442

ANALYSIS REQUIRED

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation	TPH(gas)-Sim ord	BTEX/Oxyg by EPA 8260B	Total Lead (6010)	Flashpoint	Special Instructions
MW4-0904	water	VOA vial	3	9/23/04 1026	HCl/Chill	X				
MW2-0904	↓	↓	↓	9/23 1112	↓	X				
MW3-0904	↓	↓	↓	9/23 1213	↓	X				
	↓	poly	1	" "	HNO3/Chill			X		Wastewater
	↓	poly	1	" "	Chill				X	Methods OK

SC 0 Nto 250 ml

Relinquished By: Clint Williams Date/Time: 9/23/04 1500
Received By: K Gunderman Date/Time: 9/23/04 1500

Relinquished By: K Gunderman Date/Time: 9/23 1835
Received By: Date/Time: 9/23 1835

Relinquished By: Date/Time:
Received By: Date/Time:

Turnaround Time: (check)
Same Day ____ 72 Hours ____
24 Hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
Intact ✓ On Ice: ✓ 6°C

VB

GROUNDWATER MONITORING WELL DATA SHEET

Address: SDG CONTRO 404 Highland Ave, National City, CA

Date: 2/16/05

Construction Data			Field Data			Elevations	
WELL ID	TD	SI	DTW	FP? (Y/N)	FPT	TOC	GW
MW-4	78.9	63.5-78.5	66.84	N	—	74.46	
MW-2	74.9	59.5-74.5	67.08	N	—	74.70	
MW-3	78.3	58.9-78.9	67.41	N	—	75.04	

Explanation:

TD	Total depth of well below ground surface (in feet)
SI	Screened interval depth below ground surface (in feet)
DTW	Depth to water from top of casing measured with an electronic sounder (in feet)
FP?	Free product layer detected in well? (Yes/No)
FPT	Free product thickness measured with electronic interface probe (in feet)
TOC	Top of casing reference elevation +/- 0.01 feet relative to other wells (in feet)
GW	Calculated groundwater elevation relative to other wells (in feet)

Signature: Chad Williams

Date 2/16/05

GROUNDWATER SAMPLE COLLECTION LOG

Project Name: SMOG Centro
Project No.
Chain-of-Custody No.:

Well ID (attach map if necessary): MW-4
Sample Identification: MW4 - 0205
Sample Collected by: C. Williams
Checked by (Office)/Date:

EQUIPMENT*

Water Level Meter ID #: Solinst - CMS #1
Purging Method/Equipment:
pH/Cond. Meter ID #/Serial #: Hydac - CMS #1
Sampling Method : Disposable Bailer + Cord
Decontamination Methods: Alconox/water solution to clean, tap water rinse x2

WELL SPECIFICATIONS*

Borehole Diameter : 8 inches
Casing Inside Diameter : 2 inches
TOC Elevation : feet

MEASUREMENTS*

Depth to Water (DW) : 66.84 feet (Static Water Level)
Total Well Depth : 78.9 feet
Floating Product? : N (Y/N)
Product Thickness : — inches/ft?

PURGING REQUIREMENT ESTIMATION*

Use well specifications to obtain estimated borehole volume (BV) from table on back of this form.

11.9' BV = 9.2 gallons (Assumes 25% porosity in filter pack.)

PURGING AND SAMPLING INFORMATION*

Slow Recharging Well < 80 % recovery in 2 hours < Fast Recharging Well

1. Purge 1 BV, record measurements below
2. Allow 2 hours for recovery, note depth
3. Collect samples

Note: This well is assumed to be a f (slow/fast) recharging well.

1. Purge 1 BV, take measurements and record below.
2. Purge an additional 1/2 BV and record measurements below. If measurements stabilized then go to Step 3. If not, continue purging 1/2 BVs and taking measurement until 3 BVs are removed or measurements stabilize. Calculate maximum drawdown.
3. Allow 80% recovery (PR), note depth.
4. Collect samples.

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°F)	Specific Conductance (µS/cm)	pH	Water Description (Color, Turbidity, Odor, Oil)
0949	—	0	—	—	—	
1001	67.01	9.5	74	6,750	6.9	begin purging
1013	67.10	14.5	73	6,700	7.1	H brn, slight turbid, no odor
1022	67.1	19	72.8	6,800	7.1	" "

Total Volume Purged: 19 gallons

Greatest Depth (GD) 67.1 ft (During Purging)

Depth to Water 67.25 ft (At time of Sampling)

PERCENT RECOVERY CALCULATIONS

where: PR = Percent recovery
RD = Residual drawdown; the difference between the measured depth to water prior to purging and the measured depth to water at the time of sampling.
MD = Maximum drawdown; the difference between the static water level (DW) prior to purging and the greatest depth during purging (GD).

$$PR = (1 - \frac{RD}{MD}) \times 100 = (1 - \frac{0.01}{0.26}) \times 100\% = 96\%$$

Note: Depth to water (at time of sampling) should be: GD - 80% recovery value (See table on back for 80% recovery value for calculated maximum drawdown).

SAMPLE PACKAGING*

Container Type(s) and Volume	Filtered (Y/N)	Sample Preservatives	Time Sample Collected	Analytical Parameters
4 x 40 ml VOA	N	HCl, chilled	1026	TPH(g), VOCs inc oxy's + naphthalene

* SEE BACK FOR DETAILED INSTRUCTIONS

COLLECTOR'S SIGNATURE : C. Williams

Date: 2/16/05

Date 2/16/05

GRO. /DWATER SAMPLE COLLECTION LOG

Project Name: SMOG Centre
Project No.
Chain-of-Custody No.:

Well ID (attach map if necessary): MW-2
Sample Identification: MW2-0205
Sample Collected by: C. Williams
Checked by (Office)/Date:

EQUIPMENT*

Water Level Meter ID #: Solinst - CMS #)
Purging Method/Equipment:
pH/Cond. Meter ID #/Serial #: Hydac - CMS #)
Sampling Method : Disposable Bailer + Cond
Decontamination Methods: Alconox/water solution to clean, tap water rinse x2

WELL SPECIFICATIONS*

Borehole Diameter : 8 inches
Casing Inside Diameter : 2 inches
TOC Elevation : feet

MEASUREMENTS*

Depth to Water (DW) : 67.08 feet (Static Water Level)
Total Well Depth : 74.9 feet
Floating Product? : (Y/N)
Product Thickness : inches/ft?

PURGING REQUIREMENT ESTIMATION*

Use well specifications to obtain estimated borehole volume (BV) from table on back of this form.

7.8 BV = 6 gallons (Assumes 25% porosity in filter pack.)

PURGING AND SAMPLING INFORMATION*

Slow Recharging Well < 80 % recovery in 2 hours < Fast Recharging Well

1. Purge 1 BV, record measurements below
2. Allow 2 hours for recovery, note depth
3. Collect samples

Note: This well is assumed to be a f (slow/fast) recharging well.

1. Purge 1 BV, take measurements and record below.
2. Purge an additional 1/2 BV and record measurements below. If measurements stabilized then go to Step 3. If not, continue purging 1/2 BVs and taking measurement until 3 BVs are removed or measurements stabilize. Calculate maximum drawdown.
3. Allow 80% recovery (PR), note depth.
4. Collect samples.

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°F)	Specific Conductance (µS/cm)	pH	Water Description (Color, Turbidity, Odor, Oil)
1057	67.08	0	–	–	–	begin purging
1101	67.3	6	74.6	6,900	7.3	lt brn, slightly turbid, no O or O
1111	67.25	9	74.4	6,900	7.3	" "
1118	67.25	12	74.3	6,800	7.3	" "

Total Volume Purged: 12 gallons

Greatest Depth (GD) (During Purging) 67.3 ft

Depth to Water 67.1 ft (At time of Sampling)

PERCENT RECOVERY CALCULATIONS

where: PR = Percent recovery
RD = Residual drawdown; the difference between the measured depth to water prior to purging and the measured depth to water at the time of sampling.
MD = Maximum drawdown; the difference between the static water level (DW) prior to purging and the greatest depth during purging (GD).

$$PR = (1 - \frac{RD}{MD}) \times 100 = (1 - \frac{0.02}{0.22}) \times 100\% = 92\%$$

Note: Depth to water (at time of sampling) should be: GD - 80% recovery value (See table on back for 80% recovery value for calculated maximum drawdown).

SAMPLE PACKAGING*

Container Type(s) and Volume	Filtered (Y/N)	Sample Preservatives	Time Sample Collected	Analytical Parameters
4 x 40 ml VOA	N	HCl, chilled	1123	TPH(g), VOCs inc OMTBE + naphthalene

* SEE BACK FOR DETAILED INSTRUCTIONS

COLLECTOR'S SIGNATURE : C. Williams Date: 2/16/05

Date 2/16/05

GROUNDWATER SAMPLE COLLECTION LOG

Project Name: SMOG Centre
Project No.
Chain-of-Custody No.:

Well ID (attach map if necessary): MW-3
Sample Identification: MW3-0205
Sample Collected by: C. Williams
Checked by (Office)/Date:

EQUIPMENT*

Water Level Meter ID #: Solinst - CMS #1
Purging Method/Equipment:
pH/Cond. Meter ID #/Serial #: Hydac - CMS #1
Sampling Method : Disposable Bailer + Cord
Decontamination Methods: Alconox/water solution to clean, tap water rinse x2

WELL SPECIFICATIONS*

Borehole Diameter : 8 inches
Casing Inside Diameter : 2 inches
TOC Elevation : feet

MEASUREMENTS*

Depth to Water (DW) : 67.41 feet (Static Water Level)
Total Well Depth : 79.3 feet
Floating Product? : N (Y/N)
Product Thickness : - inches/ft?

PURGING REQUIREMENT ESTIMATION*

Use well specifications to obtain estimated borehole volume (BV) from table on back of this form.

17.9' BV = 9.3 gallons (*Assumes 25% porosity in filter pack.*)

PURGING AND SAMPLING INFORMATION*

Slow Recharging Well < 80 % recovery in 2 hours < Fast Recharging Well

1. Purge 1 BV, record measurements below
2. Allow 2 hours for recovery, note depth
3. Collect samples

Note: This well is assumed to be a f (slow/fast) recharging well.

1. Purge 1 BV, take measurements and record below.
2. Purge an additional 1/2 BV and record measurements below. If measurements stabilized then go to Step 3. If not, continue purging 1/2 BVs and taking measurement until 3 BVs are removed or measurements stabilize. Calculate maximum drawdown.
3. Allow 80% recovery (PR), note depth.
4. Collect samples.

Time	Depth to Water (feet)	Volume Purged (gallons)	Temp. (°F)	Specific Conductance (µS/cm)	pH	Water Description (Color, Turbidity, Odor, Oil)
1310	67.41	0	-	-	-	begin purge
1322	67.6	9.5	74	7,400	7.2	H brn, slt, turbid, no O or O
1334	67.65	14.5	74.4	7,300	7.3	" "
1345	67.65	19.5	74.2	7,200	7.3	" "

Total Volume Purged: 19.5 gallons

Greatest Depth (GD) 67.65 ft (During Purging)

Depth to Water 67.43 ft (At time of Sampling)

PERCENT RECOVERY CALCULATIONS

where: PR = Percent recovery
RD = Residual drawdown; the difference between the measured depth to water prior to purging and the measured depth to water at the time of sampling.
MD = Maximum drawdown; the difference between the static water level (DW) prior to purging and the greatest depth during purging (GD).

$$PR = (1 - \frac{RD}{MD}) \times 100 = (1 - \frac{0.02}{0.26}) \times 100\% = 92\%$$

Note: Depth to water (at time of sampling) should be: GD - 80% recovery value (See table on back for 80% recovery value for calculated maximum drawdown).

SAMPLE PACKAGING*

Container Type(s) and Volume	Filtered (Y/N)	Sample Preservatives	Time Sample Collected	Analytical Parameters
4 x 40 ml VOA	N	HCl, chilled	1350	TPH(g), VOCs inc oxy's + naphthalene

* SEE BACK FOR DETAILED INSTRUCTIONS

COLLECTOR'S SIGNATURE : C. Williams Date: 2/16/05

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LABORATORY REPORT

Prepared For: Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project: Smog Centro
20404

Sampled: 02/16/05
Received: 02/17/05
Revised: 03/02/05 15:41

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT:	Samples were received intact, at 5°C, on ice and with chain of custody documentation.
HOLDING TIMES:	All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.
PRESERVATION:	Samples requiring preservation were verified prior to sample analysis.
QA/QC CRITERIA:	All analyses met method criteria, except as noted in the report with data qualifiers.
COMMENTS:	Revised Report 03-02-05 jh The 8260 list was shortened to include only BTEX, oxygenates, and naphthalene per client's request. There were detectable concentrations of non target analytes.
SUBCONTRACTED:	No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IOB1424-01	MW4-0205	Water
IOB1424-02	MW2-0205	Water
IOB1424-03	MW3-0205	Water
IOB1424-04	WW-0205	Water

Reviewed By:

Del Mar Analytical, Irvine
Jim Hatfield
Project Manager

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VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOB1424-01 (MW4-0205 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5B18015	500	ND	1	2/18/2005	2/19/2005	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				
Sample ID: IOB1424-02 (MW2-0205 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5B18015	500	ND	1	2/18/2005	2/19/2005	
Surrogate: Dibromofluoromethane (80-120%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*97 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				
Sample ID: IOB1424-03 (MW3-0205 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5B19004	2500	**2500**	5	2/19/2005	2/19/2005	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*94 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOB1424-01 (MW4-0205 - Water)								
Reporting Units: ug/l								
Naphthalene	EPA 8260B	5B18015	5.0	ND	1	2/18/2005	2/19/2005	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				
Sample ID: IOB1424-02 (MW2-0205 - Water)								
Reporting Units: ug/l								
Naphthalene	EPA 8260B	5B18015	5.0	ND	1	2/18/2005	2/19/2005	
Surrogate: Dibromofluoromethane (80-120%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*97 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				
Sample ID: IOB1424-03 (MW3-0205 - Water)								
Reporting Units: ug/l								
Naphthalene	EPA 8260B	5B24028	50	ND	10	2/24/2005	2/24/2005	
Surrogate: Dibromofluoromethane (80-120%)				*110 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				

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BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOB1424-01 (MW4-0205 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	5B18015	0.50	ND	1	2/18/2005	2/19/2005	
Ethylbenzene	EPA 8260B	5B18015	0.50	ND	1	2/18/2005	2/19/2005	
Toluene	EPA 8260B	5B18015	0.50	ND	1	2/18/2005	2/19/2005	
o-Xylene	EPA 8260B	5B18015	0.50	ND	1	2/18/2005	2/19/2005	
m,p-Xylenes	EPA 8260B	5B18015	1.0	ND	1	2/18/2005	2/19/2005	
Xylenes, Total	EPA 8260B	5B18015	1.5	ND	1	2/18/2005	2/19/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5B18015	5.0	ND	1	2/18/2005	2/19/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5B18015	5.0	ND	1	2/18/2005	2/19/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5B18015	5.0	ND	1	2/18/2005	2/19/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5B18015	1.0	ND	1	2/18/2005	2/19/2005	
tert-Butanol (TBA)	EPA 8260B	5B18015	25	ND	1	2/18/2005	2/19/2005	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				
Sample ID: IOB1424-02 (MW2-0205 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	5B18015	0.50	**2.6**	1	2/18/2005	2/19/2005	
Ethylbenzene	EPA 8260B	5B18015	0.50	ND	1	2/18/2005	2/19/2005	
Toluene	EPA 8260B	5B18015	0.50	ND	1	2/18/2005	2/19/2005	
o-Xylene	EPA 8260B	5B18015	0.50	ND	1	2/18/2005	2/19/2005	
m,p-Xylenes	EPA 8260B	5B18015	1.0	ND	1	2/18/2005	2/19/2005	
Xylenes, Total	EPA 8260B	5B18015	1.5	ND	1	2/18/2005	2/19/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5B18015	5.0	ND	1	2/18/2005	2/19/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5B18015	5.0	ND	1	2/18/2005	2/19/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5B18015	5.0	ND	1	2/18/2005	2/19/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5B18015	1.0	ND	1	2/18/2005	2/19/2005	
tert-Butanol (TBA)	EPA 8260B	5B18015	25	ND	1	2/18/2005	2/19/2005	
Surrogate: Dibromofluoromethane (80-120%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*97 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				

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20404
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BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOB1424-03 (MW3-0205 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	5B19004	2.5	**320**	5	2/19/2005	2/19/2005	
Ethylbenzene	EPA 8260B	5B19004	2.5	**120**	5	2/19/2005	2/19/2005	
Toluene	EPA 8260B	5B19004	2.5	**500**	5	2/19/2005	2/19/2005	
o-Xylene	EPA 8260B	5B19004	2.5	**140**	5	2/19/2005	2/19/2005	
m,p-Xylenes	EPA 8260B	5B19004	5.0	**390**	5	2/19/2005	2/19/2005	
Xylenes, Total	EPA 8260B	5B19004	7.5	**530**	5	2/19/2005	2/19/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5B19004	25	ND	5	2/19/2005	2/19/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5B19004	25	ND	5	2/19/2005	2/19/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5B19004	25	ND	5	2/19/2005	2/19/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5B19004	5.0	ND	5	2/19/2005	2/19/2005	
tert-Butanol (TBA)	EPA 8260B	5B19004	120	ND	5	2/19/2005	2/19/2005	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*94 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOB1424-04 (WW-0205 - Water)								
Reporting Units: mg/l								
Lead	EPA 6010B	5B23033	0.0050	ND	1	2/23/2005	2/23/2005	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOB1424-04 (WW-0205 - Water)								
Reporting Units: °C								
Flashpoint	EPA 1010	5B24089	20	>94	1	2/24/2005	2/24/2005	

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METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B18015 Extracted: 02/18/05										
Blank Analyzed: 02/18/2005 (5B18015-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	500	ug/l							
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.7*		*ug/l*	*25.0*		*95*	*80-120*			
LCS Analyzed: 02/18/2005 (5B18015-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	498	500	ug/l	500		100	65-125			
Surrogate: Dibromofluoromethane	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Matrix Spike Analyzed: 02/18/2005 (5B18015-MS1)					**Source: IOB1280-09**					
Volatile Fuel Hydrocarbons (C4-C12)	1150	500	ug/l	1120	ND	103	60-140			
Surrogate: Dibromofluoromethane	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Matrix Spike Dup Analyzed: 02/18/2005 (5B18015-MSD1)					**Source: IOB1280-09**					
Volatile Fuel Hydrocarbons (C4-C12)	1200	500	ug/l	1120	ND	107	60-140	4	20	
Surrogate: Dibromofluoromethane	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Toluene-d8	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Batch: 5B19004 Extracted: 02/19/05										
Blank Analyzed: 02/19/2005 (5B19004-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	500	ug/l							
Surrogate: Dibromofluoromethane	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			

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VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B19004 Extracted: 02/19/05										
LCS Analyzed: 02/19/2005 (5B19004-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	494	500	ug/l	500		99	65-125			
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			
Matrix Spike Analyzed: 02/19/2005 (5B19004-MS1)					**Source: IOB1285-02**					
Volatile Fuel Hydrocarbons (C4-C12)	1010	500	ug/l	1120	ND	90	60-140			
Surrogate: Dibromofluoromethane	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Matrix Spike Dup Analyzed: 02/19/2005 (5B19004-MSD1)					**Source: IOB1285-02**					
Volatile Fuel Hydrocarbons (C4-C12)	1020	500	ug/l	1120	ND	91	60-140	1	20	
Surrogate: Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B18015 Extracted: 02/18/05										
Blank Analyzed: 02/18/2005 (5B18015-BLK1)										
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							

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Jim Hatfield
Project Manager

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Del Mar Analytical

Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: IOB1424

Sampled: 02/16/05
Received: 02/17/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B18015 Extracted: 02/18/05										
Blank Analyzed: 02/18/2005 (5B18015-BLK1)										
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.7*		*ug/l*	*25.0*		*95*	*80-120*			
LCS Analyzed: 02/18/2005 (5B18015-BS1)										
Bromobenzene	26.1	5.0	ug/l	25.0		104	80-120			
Bromochloromethane	28.0	5.0	ug/l	25.0		112	65-135			
Bromodichloromethane	25.4	2.0	ug/l	25.0		102	70-140			
Bromoform	25.1	5.0	ug/l	25.0		100	55-135			
Bromomethane	30.1	5.0	ug/l	25.0		120	60-140			
n-Butylbenzene	28.8	5.0	ug/l	25.0		115	75-130			
sec-Butylbenzene	26.5	5.0	ug/l	25.0		106	75-125			
tert-Butylbenzene	26.6	5.0	ug/l	25.0		106	75-125			
Carbon tetrachloride	26.8	5.0	ug/l	25.0		107	70-140			
Chlorobenzene	26.1	2.0	ug/l	25.0		104	80-125			
Chloroethane	28.2	5.0	ug/l	25.0		113	60-145			
Chloroform	28.3	2.0	ug/l	25.0		113	75-130			

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Del Mar Analytical

Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: IOB1424

Sampled: 02/16/05
Received: 02/17/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B18015 Extracted: 02/18/05										
LCS Analyzed: 02/18/2005 (5B18015-BS1)										
Chloromethane	25.6	5.0	ug/l	25.0		102	40-145			
2-Chlorotoluene	26.0	5.0	ug/l	25.0		104	75-125			
4-Chlorotoluene	25.7	5.0	ug/l	25.0		103	75-125			
Dibromochloromethane	27.6	2.0	ug/l	25.0		110	65-145			
1,2-Dibromo-3-chloropropane	27.8	5.0	ug/l	25.0		111	50-135			
1,2-Dibromoethane (EDB)	27.2	2.0	ug/l	25.0		109	75-125			
Dibromomethane	25.5	2.0	ug/l	25.0		102	75-130			
1,2-Dichlorobenzene	26.4	2.0	ug/l	25.0		106	80-120			
1,3-Dichlorobenzene	25.8	2.0	ug/l	25.0		103	80-120			
1,4-Dichlorobenzene	26.2	2.0	ug/l	25.0		105	80-120			
Dichlorodifluoromethane	25.1	5.0	ug/l	25.0		100	10-160			
1,1-Dichloroethane	28.0	2.0	ug/l	25.0		112	70-135			
1,2-Dichloroethane	26.6	2.0	ug/l	25.0		106	60-150			
1,1-Dichloroethene	29.7	5.0	ug/l	25.0		119	75-135			
cis-1,2-Dichloroethene	28.0	2.0	ug/l	25.0		112	70-125			
trans-1,2-Dichloroethene	29.7	2.0	ug/l	25.0		119	70-130			
1,2-Dichloropropane	26.9	2.0	ug/l	25.0		108	70-120			
1,3-Dichloropropane	27.8	2.0	ug/l	25.0		111	70-130			
2,2-Dichloropropane	28.2	2.0	ug/l	25.0		113	65-150			
1,1-Dichloropropene	27.3	2.0	ug/l	25.0		109	75-130			
cis-1,3-Dichloropropene	27.0	2.0	ug/l	25.0		108	75-130			
trans-1,3-Dichloropropene	25.0	2.0	ug/l	25.0		100	75-135			
Hexachlorobutadiene	25.2	5.0	ug/l	25.0		101	65-140			
Isopropylbenzene	27.1	2.0	ug/l	25.0		108	75-125			
p-Isopropyltoluene	26.7	2.0	ug/l	25.0		107	75-125			
Methylene chloride	29.6	5.0	ug/l	25.0		118	60-135			
Naphthalene	24.8	5.0	ug/l	25.0		99	50-145			
n-Propylbenzene	27.4	2.0	ug/l	25.0		110	75-130			
Styrene	27.4	2.0	ug/l	25.0		110	80-135			
1,1,1,2-Tetrachloroethane	27.4	5.0	ug/l	25.0		110	70-145			
1,1,2,2-Tetrachloroethane	34.8	2.0	ug/l	25.0		139	60-135			L
Tetrachloroethene	26.3	2.0	ug/l	25.0		105	75-125			
1,2,3-Trichlorobenzene	24.0	5.0	ug/l	25.0		96	65-135			
1,2,4-Trichlorobenzene	24.4	5.0	ug/l	25.0		98	70-140			
1,1,1-Trichloroethane	27.5	2.0	ug/l	25.0		110	75-140			

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Del Mar Analytical

Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: IOB1424

Sampled: 02/16/05
Received: 02/17/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B18015 Extracted: 02/18/05										
LCS Analyzed: 02/18/2005 (5B18015-BS1)										
1,1,2-Trichloroethane	26.0	2.0	ug/l	25.0		104	70-125			
Trichloroethene	25.4	2.0	ug/l	25.0		102	80-120			
Trichlorofluoromethane	29.4	5.0	ug/l	25.0		118	65-145			
1,2,3-Trichloropropane	25.8	10	ug/l	25.0		103	60-130			
1,2,4-Trimethylbenzene	26.2	2.0	ug/l	25.0		105	75-125			
1,3,5-Trimethylbenzene	26.5	2.0	ug/l	25.0		106	75-125			
Vinyl chloride	25.8	5.0	ug/l	25.0		103	50-130			
Surrogate: Dibromofluoromethane	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*23.7*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
Matrix Spike Analyzed: 02/18/2005 (5B18015-MS1)					**Source: IOB1280-09**					
Bromobenzene	24.9	5.0	ug/l	25.0	ND	100	65-130			
Bromochloromethane	25.0	5.0	ug/l	25.0	ND	100	65-140			
Bromodichloromethane	23.7	2.0	ug/l	25.0	ND	95	70-140			
Bromoform	23.8	5.0	ug/l	25.0	ND	95	55-140			
Bromomethane	26.1	5.0	ug/l	25.0	ND	104	50-145			
n-Butylbenzene	26.4	5.0	ug/l	25.0	ND	106	70-140			
sec-Butylbenzene	25.9	5.0	ug/l	25.0	ND	104	70-130			
tert-Butylbenzene	24.5	5.0	ug/l	25.0	ND	98	70-130			
Carbon tetrachloride	25.5	5.0	ug/l	25.0	ND	102	70-145			
Chlorobenzene	25.3	2.0	ug/l	25.0	ND	101	80-125			
Chloroethane	25.0	5.0	ug/l	25.0	ND	100	50-145			
Chloroform	25.0	2.0	ug/l	25.0	ND	100	70-135			
Chloromethane	23.9	5.0	ug/l	25.0	ND	96	35-145			
2-Chlorotoluene	24.3	5.0	ug/l	25.0	ND	97	70-140			
4-Chlorotoluene	24.2	5.0	ug/l	25.0	ND	97	70-140			
Dibromochloromethane	26.4	2.0	ug/l	25.0	ND	106	65-145			
1,2-Dibromo-3-chloropropane	26.2	5.0	ug/l	25.0	ND	105	45-155			
1,2-Dibromoethane (EDB)	25.5	2.0	ug/l	25.0	ND	102	70-130			
Dibromomethane	23.9	2.0	ug/l	25.0	ND	96	65-140			
1,2-Dichlorobenzene	24.5	2.0	ug/l	25.0	ND	98	75-130			
1,3-Dichlorobenzene	24.5	2.0	ug/l	25.0	ND	98	75-130			
1,4-Dichlorobenzene	23.6	2.0	ug/l	25.0	ND	94	80-120			
Dichlorodifluoromethane	21.9	5.0	ug/l	25.0	ND	88	10-160			
1,1-Dichloroethane	25.3	2.0	ug/l	25.0	ND	101	65-135			

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Del Mar Analytical

Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: IOB1424

Sampled: 02/16/05
Received: 02/17/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B18015 Extracted: 02/18/05										
Matrix Spike Analyzed: 02/18/2005 (5B18015-MS1)					**Source: IOB1280-09**					
1,2-Dichloroethane	24.0	2.0	ug/l	25.0	ND	96	60-150			
1,1-Dichloroethene	27.0	5.0	ug/l	25.0	ND	108	65-140			
cis-1,2-Dichloroethene	26.2	2.0	ug/l	25.0	ND	105	65-130			
trans-1,2-Dichloroethene	25.9	2.0	ug/l	25.0	ND	104	65-135			
1,2-Dichloropropane	25.4	2.0	ug/l	25.0	ND	102	65-130			
1,3-Dichloropropane	25.8	2.0	ug/l	25.0	ND	103	65-140			
2,2-Dichloropropane	22.5	2.0	ug/l	25.0	ND	90	60-150			
1,1-Dichloropropene	25.9	2.0	ug/l	25.0	ND	104	65-140			
cis-1,3-Dichloropropene	25.1	2.0	ug/l	25.0	ND	100	70-140			
trans-1,3-Dichloropropene	23.6	2.0	ug/l	25.0	ND	94	70-140			
Hexachlorobutadiene	23.6	5.0	ug/l	25.0	ND	94	65-140			
Isopropylbenzene	25.1	2.0	ug/l	25.0	ND	100	70-130			
p-Isopropyltoluene	24.4	2.0	ug/l	25.0	ND	98	70-130			
Methylene chloride	26.8	5.0	ug/l	25.0	ND	107	60-135			
Naphthalene	24.1	5.0	ug/l	25.0	ND	96	50-150			
n-Propylbenzene	25.4	2.0	ug/l	25.0	ND	102	70-135			
Styrene	26.4	2.0	ug/l	25.0	ND	106	55-145			
1,1,1,2-Tetrachloroethane	26.3	5.0	ug/l	25.0	ND	105	70-145			
1,1,2,2-Tetrachloroethane	35.8	2.0	ug/l	25.0	ND	143	60-145			
Tetrachloroethene	24.4	2.0	ug/l	25.0	ND	98	70-130			
1,2,3-Trichlorobenzene	24.2	5.0	ug/l	25.0	ND	97	60-140			
1,2,4-Trichlorobenzene	24.8	5.0	ug/l	25.0	ND	99	60-140			
1,1,1-Trichloroethane	24.3	2.0	ug/l	25.0	ND	97	75-140			
1,1,2-Trichloroethane	24.3	2.0	ug/l	25.0	ND	97	60-135			
Trichloroethene	23.3	2.0	ug/l	25.0	ND	93	70-125			
Trichlorofluoromethane	26.9	5.0	ug/l	25.0	ND	108	55-145			
1,2,3-Trichloropropane	25.0	10	ug/l	25.0	ND	100	55-140			
1,2,4-Trimethylbenzene	24.8	2.0	ug/l	25.0	ND	99	60-125			
1,3,5-Trimethylbenzene	24.7	2.0	ug/l	25.0	ND	99	70-130			
Vinyl chloride	25.7	5.0	ug/l	25.0	ND	103	40-135			
Surrogate: Dibromofluoromethane	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			

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Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: IOB1424

Sampled: 02/16/05
Received: 02/17/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B18015 Extracted: 02/18/05										
Matrix Spike Dup Analyzed: 02/18/2005 (5B18015-MSD1)					**Source: IOB1280-09**					
Bromobenzene	24.1	5.0	ug/l	25.0	ND	96	65-130	3	20	
Bromochloromethane	26.4	5.0	ug/l	25.0	ND	106	65-140	5	25	
Bromodichloromethane	26.2	2.0	ug/l	25.0	ND	105	70-140	10	20	
Bromoform	25.4	5.0	ug/l	25.0	ND	102	55-140	7	25	
Bromomethane	26.4	5.0	ug/l	25.0	ND	106	50-145	1	25	
n-Butylbenzene	26.9	5.0	ug/l	25.0	ND	108	70-140	2	20	
sec-Butylbenzene	25.3	5.0	ug/l	25.0	ND	101	70-130	2	20	
tert-Butylbenzene	24.6	5.0	ug/l	25.0	ND	98	70-130	0	20	
Carbon tetrachloride	27.0	5.0	ug/l	25.0	ND	108	70-145	6	25	
Chlorobenzene	25.7	2.0	ug/l	25.0	ND	103	80-125	2	20	
Chloroethane	25.5	5.0	ug/l	25.0	ND	102	50-145	2	25	
Chloroform	26.8	2.0	ug/l	25.0	ND	107	70-135	7	20	
Chloromethane	23.5	5.0	ug/l	25.0	ND	94	35-145	2	25	
2-Chlorotoluene	24.7	5.0	ug/l	25.0	ND	99	70-140	2	20	
4-Chlorotoluene	24.3	5.0	ug/l	25.0	ND	97	70-140	0	20	
Dibromochloromethane	27.5	2.0	ug/l	25.0	ND	110	65-145	4	25	
1,2-Dibromo-3-chloropropane	29.1	5.0	ug/l	25.0	ND	116	45-155	10	30	
1,2-Dibromoethane (EDB)	26.6	2.0	ug/l	25.0	ND	106	70-130	4	25	
Dibromomethane	25.1	2.0	ug/l	25.0	ND	100	65-140	5	25	
1,2-Dichlorobenzene	24.5	2.0	ug/l	25.0	ND	98	75-130	0	20	
1,3-Dichlorobenzene	24.5	2.0	ug/l	25.0	ND	98	75-130	0	20	
1,4-Dichlorobenzene	24.8	2.0	ug/l	25.0	ND	99	80-120	5	20	
Dichlorodifluoromethane	22.3	5.0	ug/l	25.0	ND	89	10-160	2	30	
1,1-Dichloroethane	26.5	2.0	ug/l	25.0	ND	106	65-135	5	20	
1,2-Dichloroethane	26.5	2.0	ug/l	25.0	ND	106	60-150	10	20	
1,1-Dichloroethene	27.6	5.0	ug/l	25.0	ND	110	65-140	2	20	
cis-1,2-Dichloroethene	26.6	2.0	ug/l	25.0	ND	106	65-130	2	20	
trans-1,2-Dichloroethene	27.4	2.0	ug/l	25.0	ND	110	65-135	6	20	
1,2-Dichloropropane	27.2	2.0	ug/l	25.0	ND	109	65-130	7	20	
1,3-Dichloropropane	26.8	2.0	ug/l	25.0	ND	107	65-140	4	25	
2,2-Dichloropropane	23.9	2.0	ug/l	25.0	ND	96	60-150	6	25	
1,1-Dichloropropene	26.9	2.0	ug/l	25.0	ND	108	65-140	4	20	
cis-1,3-Dichloropropene	26.7	2.0	ug/l	25.0	ND	107	70-140	6	20	
trans-1,3-Dichloropropene	25.0	2.0	ug/l	25.0	ND	100	70-140	6	25	
Hexachlorobutadiene	24.3	5.0	ug/l	25.0	ND	97	65-140	3	20	

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Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: IOB1424

Sampled: 02/16/05
Received: 02/17/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B18015 Extracted: 02/18/05										
Matrix Spike Dup Analyzed: 02/18/2005 (5B18015-MSD1)					**Source: IOB1280-09**					
Isopropylbenzene	25.8	2.0	ug/l	25.0	ND	103	70-130	3	20	
p-Isopropyltoluene	25.7	2.0	ug/l	25.0	ND	103	70-130	5	20	
Methylene chloride	27.3	5.0	ug/l	25.0	ND	109	60-135	2	20	
Naphthalene	26.6	5.0	ug/l	25.0	ND	106	50-150	10	30	
n-Propylbenzene	25.6	2.0	ug/l	25.0	ND	102	70-135	1	20	
Styrene	26.8	2.0	ug/l	25.0	ND	107	55-145	2	30	
1,1,1,2-Tetrachloroethane	27.2	5.0	ug/l	25.0	ND	109	70-145	3	20	
1,1,2,2-Tetrachloroethane	36.0	2.0	ug/l	25.0	ND	144	60-145	1	30	
Tetrachloroethene	24.4	2.0	ug/l	25.0	ND	98	70-130	0	20	
1,2,3-Trichlorobenzene	25.6	5.0	ug/l	25.0	ND	102	60-140	6	20	
1,2,4-Trichlorobenzene	25.9	5.0	ug/l	25.0	ND	104	60-140	4	20	
1,1,1-Trichloroethane	25.6	2.0	ug/l	25.0	ND	102	75-140	5	20	
1,1,2-Trichloroethane	26.4	2.0	ug/l	25.0	ND	106	60-135	8	25	
Trichloroethene	25.0	2.0	ug/l	25.0	ND	100	70-125	7	20	
Trichlorofluoromethane	28.0	5.0	ug/l	25.0	ND	112	55-145	4	25	
1,2,3-Trichloropropane	26.8	10	ug/l	25.0	ND	107	55-140	7	30	
1,2,4-Trimethylbenzene	25.2	2.0	ug/l	25.0	ND	101	60-125	2	25	
1,3,5-Trimethylbenzene	25.3	2.0	ug/l	25.0	ND	101	70-130	2	20	
Vinyl chloride	21.6	5.0	ug/l	25.0	ND	86	40-135	17	30	
Surrogate: Dibromofluoromethane	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Toluene-d8	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Batch: 5B24028 Extracted: 02/24/05										
Blank Analyzed: 02/24/2005 (5B24028-BLK1)										
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							

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Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: IOB1424

Sampled: 02/16/05
Received: 02/17/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B24028 Extracted: 02/24/05										
Blank Analyzed: 02/24/2005 (5B24028-BLK1)										
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B24028 Extracted: 02/24/05										
Blank Analyzed: 02/24/2005 (5B24028-BLK1)										
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
Surrogate: Dibromofluoromethane	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
LCS Analyzed: 02/24/2005 (5B24028-BS1)										
Bromobenzene	24.4	5.0	ug/l	25.0		98	80-120			
Bromochloromethane	24.1	5.0	ug/l	25.0		96	65-135			
Bromodichloromethane	24.0	2.0	ug/l	25.0		96	70-140			
Bromoform	21.3	5.0	ug/l	25.0		85	55-135			
Bromomethane	28.6	5.0	ug/l	25.0		114	60-140			
n-Butylbenzene	23.0	5.0	ug/l	25.0		92	75-130			
sec-Butylbenzene	23.4	5.0	ug/l	25.0		94	75-125			
tert-Butylbenzene	23.8	5.0	ug/l	25.0		95	75-125			
Carbon tetrachloride	26.4	5.0	ug/l	25.0		106	70-140			
Chlorobenzene	22.7	2.0	ug/l	25.0		91	80-125			
Chloroethane	27.0	5.0	ug/l	25.0		108	60-145			
Chloroform	23.1	2.0	ug/l	25.0		92	75-130			
Chloromethane	22.3	5.0	ug/l	25.0		89	40-145			
2-Chlorotoluene	23.1	5.0	ug/l	25.0		92	75-125			
4-Chlorotoluene	23.3	5.0	ug/l	25.0		93	75-125			
Dibromochloromethane	22.1	2.0	ug/l	25.0		88	65-145			
1,2-Dibromo-3-chloropropane	20.4	5.0	ug/l	25.0		82	50-135			
1,2-Dibromoethane (EDB)	23.4	2.0	ug/l	25.0		94	75-125			
Dibromomethane	23.3	2.0	ug/l	25.0		93	75-130			
1,2-Dichlorobenzene	22.7	2.0	ug/l	25.0		91	80-120			
1,3-Dichlorobenzene	22.6	2.0	ug/l	25.0		90	80-120			
1,4-Dichlorobenzene	22.5	2.0	ug/l	25.0		90	80-120			

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Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: IOB1424

Sampled: 02/16/05
Received: 02/17/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B24028 Extracted: 02/24/05										
LCS Analyzed: 02/24/2005 (5B24028-BS1)										
Dichlorodifluoromethane	18.2	5.0	ug/l	25.0		73	10-160			
1,1-Dichloroethane	22.9	2.0	ug/l	25.0		92	70-135			
1,2-Dichloroethane	23.8	2.0	ug/l	25.0		95	60-150			
1,1-Dichloroethene	23.0	5.0	ug/l	25.0		92	75-135			
cis-1,2-Dichloroethene	23.4	2.0	ug/l	25.0		94	70-125			
trans-1,2-Dichloroethene	23.5	2.0	ug/l	25.0		94	70-130			
1,2-Dichloropropane	23.7	2.0	ug/l	25.0		95	70-120			
1,3-Dichloropropane	22.5	2.0	ug/l	25.0		90	70-130			
2,2-Dichloropropane	25.7	2.0	ug/l	25.0		103	65-150			
1,1-Dichloropropene	23.9	2.0	ug/l	25.0		96	75-130			
cis-1,3-Dichloropropene	25.1	2.0	ug/l	25.0		100	75-130			
trans-1,3-Dichloropropene	26.0	2.0	ug/l	25.0		104	75-135			
Hexachlorobutadiene	21.6	5.0	ug/l	25.0		86	65-140			
Isopropylbenzene	24.5	2.0	ug/l	25.0		98	75-125			
p-Isopropyltoluene	23.3	2.0	ug/l	25.0		93	75-125			
Methylene chloride	22.2	5.0	ug/l	25.0		89	60-135			
Naphthalene	22.8	5.0	ug/l	25.0		91	50-145			
n-Propylbenzene	23.7	2.0	ug/l	25.0		95	75-130			
Styrene	25.2	2.0	ug/l	25.0		101	80-135			
1,1,1,2-Tetrachloroethane	25.2	5.0	ug/l	25.0		101	70-145			
1,1,2,2-Tetrachloroethane	23.2	2.0	ug/l	25.0		93	60-135			
Tetrachloroethene	22.3	2.0	ug/l	25.0		89	75-125			
1,2,3-Trichlorobenzene	21.5	5.0	ug/l	25.0		86	65-135			
1,2,4-Trichlorobenzene	21.7	5.0	ug/l	25.0		87	70-140			
1,1,1-Trichloroethane	25.8	2.0	ug/l	25.0		103	75-140			
1,1,2-Trichloroethane	24.0	2.0	ug/l	25.0		96	70-125			
Trichloroethene	24.8	2.0	ug/l	25.0		99	80-120			
Trichlorofluoromethane	25.9	5.0	ug/l	25.0		104	65-145			
1,2,3-Trichloropropane	23.1	10	ug/l	25.0		92	60-130			
1,2,4-Trimethylbenzene	23.9	2.0	ug/l	25.0		96	75-125			
1,3,5-Trimethylbenzene	24.2	2.0	ug/l	25.0		97	75-125			
Vinyl chloride	22.4	5.0	ug/l	25.0		90	50-130			
Surrogate: Dibromofluoromethane	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Toluene-d8	*25.9*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B24028 Extracted: 02/24/05										
Matrix Spike Analyzed: 02/24/2005 (5B24028-MS1)					**Source: IOB1286-04**					
Bromobenzene	27.8	5.0	ug/l	25.0	ND	111	65-130			
Bromochloromethane	28.6	5.0	ug/l	25.0	ND	114	65-140			
Bromodichloromethane	28.4	2.0	ug/l	25.0	ND	114	70-140			
Bromoform	24.3	5.0	ug/l	25.0	ND	97	55-140			
Bromomethane	32.1	5.0	ug/l	25.0	ND	128	50-145			
n-Butylbenzene	26.6	5.0	ug/l	25.0	ND	106	70-140			
sec-Butylbenzene	26.5	5.0	ug/l	25.0	ND	106	70-130			
tert-Butylbenzene	27.1	5.0	ug/l	25.0	ND	108	70-130			
Carbon tetrachloride	30.9	5.0	ug/l	25.0	ND	124	70-145			
Chlorobenzene	26.2	2.0	ug/l	25.0	ND	105	80-125			
Chloroethane	30.2	5.0	ug/l	25.0	ND	121	50-145			
Chloroform	27.8	2.0	ug/l	25.0	ND	111	70-135			
Chloromethane	26.1	5.0	ug/l	25.0	ND	104	35-145			
2-Chlorotoluene	26.4	5.0	ug/l	25.0	ND	106	70-140			
4-Chlorotoluene	26.9	5.0	ug/l	25.0	ND	108	70-140			
Dibromochloromethane	26.1	2.0	ug/l	25.0	ND	104	65-145			
1,2-Dibromo-3-chloropropane	24.1	5.0	ug/l	25.0	ND	96	45-155			
1,2-Dibromoethane (EDB)	27.3	2.0	ug/l	25.0	ND	109	70-130			
Dibromomethane	27.3	2.0	ug/l	25.0	ND	109	65-140			
1,2-Dichlorobenzene	26.3	2.0	ug/l	25.0	ND	105	75-130			
1,3-Dichlorobenzene	26.0	2.0	ug/l	25.0	ND	104	75-130			
1,4-Dichlorobenzene	26.1	2.0	ug/l	25.0	ND	104	80-120			
Dichlorodifluoromethane	20.4	5.0	ug/l	25.0	ND	82	10-160			
1,1-Dichloroethane	27.1	2.0	ug/l	25.0	ND	108	65-135			
1,2-Dichloroethane	28.6	2.0	ug/l	25.0	ND	114	60-150			
1,1-Dichloroethene	25.8	5.0	ug/l	25.0	ND	103	65-140			
cis-1,2-Dichloroethene	27.8	2.0	ug/l	25.0	ND	111	65-130			
trans-1,2-Dichloroethene	27.7	2.0	ug/l	25.0	ND	111	65-135			
1,2-Dichloropropane	28.0	2.0	ug/l	25.0	ND	112	65-130			
1,3-Dichloropropane	26.8	2.0	ug/l	25.0	ND	107	65-140			
2,2-Dichloropropane	33.1	2.0	ug/l	25.0	ND	132	60-150			
1,1-Dichloropropene	28.0	2.0	ug/l	25.0	ND	112	65-140			
cis-1,3-Dichloropropene	29.5	2.0	ug/l	25.0	ND	118	70-140			
trans-1,3-Dichloropropene	30.5	2.0	ug/l	25.0	ND	122	70-140			
Hexachlorobutadiene	24.8	5.0	ug/l	25.0	ND	99	65-140			

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2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: IOB1424

Sampled: 02/16/05
Received: 02/17/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B24028 Extracted: 02/24/05										
Matrix Spike Analyzed: 02/24/2005 (5B24028-MS1)					**Source: IOB1286-04**					
Isopropylbenzene	27.6	2.0	ug/l	25.0	ND	110	70-130			
p-Isopropyltoluene	26.6	2.0	ug/l	25.0	ND	106	70-130			
Methylene chloride	25.8	5.0	ug/l	25.0	ND	103	60-135			
Naphthalene	26.7	5.0	ug/l	25.0	ND	107	50-150			
n-Propylbenzene	27.2	2.0	ug/l	25.0	ND	109	70-135			
Styrene	ND	2.0	ug/l	25.0	ND		55-145			*M2*
1,1,1,2-Tetrachloroethane	29.4	5.0	ug/l	25.0	ND	118	70-145			
1,1,2,2-Tetrachloroethane	28.4	2.0	ug/l	25.0	ND	114	60-145			
Tetrachloroethene	26.0	2.0	ug/l	25.0	ND	104	70-130			
1,2,3-Trichlorobenzene	25.2	5.0	ug/l	25.0	ND	101	60-140			
1,2,4-Trichlorobenzene	25.6	5.0	ug/l	25.0	ND	102	60-140			
1,1,1-Trichloroethane	30.5	2.0	ug/l	25.0	ND	122	75-140			
1,1,2-Trichloroethane	28.2	2.0	ug/l	25.0	ND	113	60-135			
Trichloroethene	27.6	2.0	ug/l	25.0	ND	110	70-125			
Trichlorofluoromethane	29.8	5.0	ug/l	25.0	ND	119	55-145			
1,2,3-Trichloropropane	26.3	10	ug/l	25.0	ND	105	55-140			
1,2,4-Trimethylbenzene	27.3	2.0	ug/l	25.0	ND	109	60-125			
1,3,5-Trimethylbenzene	27.4	2.0	ug/l	25.0	ND	110	70-130			
Vinyl chloride	26.9	5.0	ug/l	25.0	ND	108	40-135			
Surrogate: Dibromofluoromethane	*27.8*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate: Toluene-d8	*27.0*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.9*		*ug/l*	*25.0*		*108*	*80-120*			
Matrix Spike Dup Analyzed: 02/24/2005 (5B24028-MSD1)					**Source: IOB1286-04**					
Bromobenzene	27.4	5.0	ug/l	25.0	ND	110	65-130	1	20	
Bromochloromethane	29.0	5.0	ug/l	25.0	ND	116	65-140	1	25	
Bromodichloromethane	28.0	2.0	ug/l	25.0	ND	112	70-140	1	20	
Bromoform	26.0	5.0	ug/l	25.0	ND	104	55-140	7	25	
Bromomethane	32.1	5.0	ug/l	25.0	ND	128	50-145	0	25	
n-Butylbenzene	26.2	5.0	ug/l	25.0	ND	105	70-140	2	20	
sec-Butylbenzene	26.0	5.0	ug/l	25.0	ND	104	70-130	2	20	
tert-Butylbenzene	26.3	5.0	ug/l	25.0	ND	105	70-130	3	20	
Carbon tetrachloride	30.5	5.0	ug/l	25.0	ND	122	70-145	1	25	
Chlorobenzene	26.3	2.0	ug/l	25.0	ND	105	80-125	0	20	
Chloroethane	30.0	5.0	ug/l	25.0	ND	120	50-145	1	25	
Chloroform	27.2	2.0	ug/l	25.0	ND	109	70-135	2	20	

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20404
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Received: 02/17/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B24028 Extracted: 02/24/05										
Matrix Spike Dup Analyzed: 02/24/2005 (5B24028-MSD1)					**Source: IOB1286-04**					
Chloromethane	25.5	5.0	ug/l	25.0	ND	102	35-145	2	25	
2-Chlorotoluene	25.7	5.0	ug/l	25.0	ND	103	70-140	3	20	
4-Chlorotoluene	26.2	5.0	ug/l	25.0	ND	105	70-140	3	20	
Dibromochloromethane	27.0	2.0	ug/l	25.0	ND	108	65-145	3	25	
1,2-Dibromo-3-chloropropane	26.6	5.0	ug/l	25.0	ND	106	45-155	10	30	
1,2-Dibromoethane (EDB)	28.8	2.0	ug/l	25.0	ND	115	70-130	5	25	
Dibromomethane	27.9	2.0	ug/l	25.0	ND	112	65-140	2	25	
1,2-Dichlorobenzene	26.2	2.0	ug/l	25.0	ND	105	75-130	0	20	
1,3-Dichlorobenzene	25.6	2.0	ug/l	25.0	ND	102	75-130	2	20	
1,4-Dichlorobenzene	25.8	2.0	ug/l	25.0	ND	103	80-120	1	20	
Dichlorodifluoromethane	20.0	5.0	ug/l	25.0	ND	80	10-160	2	30	
1,1-Dichloroethane	26.8	2.0	ug/l	25.0	ND	107	65-135	1	20	
1,2-Dichloroethane	29.0	2.0	ug/l	25.0	ND	116	60-150	1	20	
1,1-Dichloroethene	25.6	5.0	ug/l	25.0	ND	102	65-140	1	20	
cis-1,2-Dichloroethene	27.2	2.0	ug/l	25.0	ND	109	65-130	2	20	
trans-1,2-Dichloroethene	27.4	2.0	ug/l	25.0	ND	110	65-135	1	20	
1,2-Dichloropropane	27.8	2.0	ug/l	25.0	ND	111	65-130	1	20	
1,3-Dichloropropane	27.7	2.0	ug/l	25.0	ND	111	65-140	3	25	
2,2-Dichloropropane	32.8	2.0	ug/l	25.0	ND	131	60-150	1	25	
1,1-Dichloropropene	27.6	2.0	ug/l	25.0	ND	110	65-140	1	20	
cis-1,3-Dichloropropene	29.3	2.0	ug/l	25.0	ND	117	70-140	1	20	
trans-1,3-Dichloropropene	30.8	2.0	ug/l	25.0	ND	123	70-140	1	25	
Hexachlorobutadiene	24.3	5.0	ug/l	25.0	ND	97	65-140	2	20	
Isopropylbenzene	27.1	2.0	ug/l	25.0	ND	108	70-130	2	20	
p-Isopropyltoluene	26.2	2.0	ug/l	25.0	ND	105	70-130	2	20	
Methylene chloride	25.7	5.0	ug/l	25.0	ND	103	60-135	0	20	
Naphthalene	28.8	5.0	ug/l	25.0	ND	115	50-150	8	30	
n-Propylbenzene	26.5	2.0	ug/l	25.0	ND	106	70-135	3	20	
Styrene	0.810	2.0	ug/l	25.0	ND	3	55-145		30	*M2*
1,1,1,2-Tetrachloroethane	29.5	5.0	ug/l	25.0	ND	118	70-145	0	20	
1,1,2,2-Tetrachloroethane	30.3	2.0	ug/l	25.0	ND	121	60-145	6	30	
Tetrachloroethene	25.8	2.0	ug/l	25.0	ND	103	70-130	1	20	
1,2,3-Trichlorobenzene	25.4	5.0	ug/l	25.0	ND	102	60-140	1	20	
1,2,4-Trichlorobenzene	25.5	5.0	ug/l	25.0	ND	102	60-140	0	20	
1,1,1-Trichloroethane	29.7	2.0	ug/l	25.0	ND	119	75-140	3	20	

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Attention: Clint Williams

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20404
Report Number: IOB1424

Sampled: 02/16/05
Received: 02/17/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B24028 Extracted: 02/24/05										
Matrix Spike Dup Analyzed: 02/24/2005 (5B24028-MSD1)					**Source: IOB1286-04**					
1,1,2-Trichloroethane	28.7	2.0	ug/l	25.0	ND	115	60-135	2	25	
Trichloroethene	27.0	2.0	ug/l	25.0	ND	108	70-125	2	20	
Trichlorofluoromethane	29.5	5.0	ug/l	25.0	ND	118	55-145	1	25	
1,2,3-Trichloropropane	28.1	10	ug/l	25.0	ND	112	55-140	7	30	
1,2,4-Trimethylbenzene	26.5	2.0	ug/l	25.0	ND	106	60-125	3	25	
1,3,5-Trimethylbenzene	26.5	2.0	ug/l	25.0	ND	106	70-130	3	20	
Vinyl chloride	26.2	5.0	ug/l	25.0	ND	105	40-135	3	30	
Surrogate: Dibromofluoromethane	*27.6*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			

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METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B18015 Extracted: 02/18/05										
Blank Analyzed: 02/18/2005 (5B18015-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Xylenes, Total	ND	1.5	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	25	ug/l							
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.7*		*ug/l*	*25.0*		*95*	*80-120*			
LCS Analyzed: 02/18/2005 (5B18015-BS1)										
Benzene	26.4	0.50	ug/l	25.0		106	70-120			
Ethylbenzene	27.6	0.50	ug/l	25.0		110	80-120			
Toluene	25.8	0.50	ug/l	25.0		103	75-120			
o-Xylene	26.6	0.50	ug/l	25.0		106	75-125			
m,p-Xylenes	54.4	1.0	ug/l	50.0		109	75-120			
Xylenes, Total	81.0	1.5	ug/l	75.0		108	75-125			
Di-isopropyl Ether (DIPE)	25.7	5.0	ug/l	25.0		103	65-135			
Ethyl tert-Butyl Ether (ETBE)	24.8	5.0	ug/l	25.0		99	60-140			
tert-Amyl Methyl Ether (TAME)	25.4	5.0	ug/l	25.0		102	60-140			
Methyl-tert-butyl Ether (MTBE)	24.3	1.0	ug/l	25.0		97	55-145			
tert-Butanol (TBA)	135	25	ug/l	125		108	70-140			
Surrogate: Dibromofluoromethane	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*23.7*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			

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METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B18015 Extracted: 02/18/05										
Matrix Spike Analyzed: 02/18/2005 (5B18015-MS1)					**Source: IOB1280-09**					
Benzene	25.3	0.50	ug/l	25.0	ND	101	70-120			
Ethylbenzene	24.9	0.50	ug/l	25.0	ND	100	70-130			
Toluene	24.5	0.50	ug/l	25.0	ND	98	70-120			
o-Xylene	25.6	0.50	ug/l	25.0	ND	102	65-125			
m,p-Xylenes	51.2	1.0	ug/l	50.0	ND	102	65-130			
Xylenes, Total	76.8	1.5	ug/l	75.0	ND	102	65-135			
Di-isopropyl Ether (DIPE)	22.8	5.0	ug/l	25.0	ND	91	65-140			
Ethyl tert-Butyl Ether (ETBE)	21.4	5.0	ug/l	25.0	ND	86	60-140			
tert-Amyl Methyl Ether (TAME)	23.5	5.0	ug/l	25.0	ND	94	55-145			
Methyl-tert-butyl Ether (MTBE)	24.3	1.0	ug/l	25.0	1.5	91	50-155			
tert-Butanol (TBA)	141	25	ug/l	125	ND	113	65-145			
Surrogate: Dibromofluoromethane	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Matrix Spike Dup Analyzed: 02/18/2005 (5B18015-MSD1)					**Source: IOB1280-09**					
Benzene	26.0	0.50	ug/l	25.0	ND	104	70-120	3	20	
Ethylbenzene	26.5	0.50	ug/l	25.0	ND	106	70-130	6	20	
Toluene	25.2	0.50	ug/l	25.0	ND	101	70-120	3	20	
o-Xylene	24.9	0.50	ug/l	25.0	ND	100	65-125	3	20	
m,p-Xylenes	52.4	1.0	ug/l	50.0	ND	105	65-130	2	25	
Xylenes, Total	77.3	1.5	ug/l	75.0	ND	103	65-135	1	20	
Di-isopropyl Ether (DIPE)	24.7	5.0	ug/l	25.0	ND	99	65-140	8	25	
Ethyl tert-Butyl Ether (ETBE)	23.8	5.0	ug/l	25.0	ND	95	60-140	11	25	
tert-Amyl Methyl Ether (TAME)	24.0	5.0	ug/l	25.0	ND	96	55-145	2	30	
Methyl-tert-butyl Ether (MTBE)	26.4	1.0	ug/l	25.0	1.5	100	50-155	8	25	
tert-Butanol (TBA)	124	25	ug/l	125	ND	99	65-145	13	25	
Surrogate: Dibromofluoromethane	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Toluene-d8	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.4*		*ug/l*	*25.0*		*102*	*80-120*			

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METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B19004 Extracted: 02/19/05										
Blank Analyzed: 02/19/2005 (5B19004-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Xylenes, Total	ND	1.5	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	25	ug/l							
Surrogate: Dibromofluoromethane	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			
LCS Analyzed: 02/19/2005 (5B19004-BS1)										
Benzene	25.7	0.50	ug/l	25.0		103	70-120			
Ethylbenzene	25.1	0.50	ug/l	25.0		100	80-120			
Toluene	24.9	0.50	ug/l	25.0		100	75-120			
o-Xylene	24.5	0.50	ug/l	25.0		98	75-125			
m,p-Xylenes	51.0	1.0	ug/l	50.0		102	75-120			
Xylenes, Total	75.5	1.5	ug/l	75.0		101	75-125			
Di-isopropyl Ether (DIPE)	23.6	5.0	ug/l	25.0		94	65-135			
Ethyl tert-Butyl Ether (ETBE)	23.3	5.0	ug/l	25.0		93	60-140			
tert-Amyl Methyl Ether (TAME)	24.1	5.0	ug/l	25.0		96	60-140			
Methyl-tert-butyl Ether (MTBE)	23.4	1.0	ug/l	25.0		94	55-145			
tert-Butanol (TBA)	115	25	ug/l	125		92	70-140			
Surrogate: Dibromofluoromethane	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			

Del Mar Analytical, Irvine
Jim Hatfield
Project Manager

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Del Mar Analytical

Compliance Monitoring Services
2338 Frankfort Street
San Diego, CA 92110
Attention: Clint Williams

Project ID: Smog Centro
20404
Report Number: IOB1424

Sampled: 02/16/05
Received: 02/17/05

METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B19004 Extracted: 02/19/05										
Matrix Spike Analyzed: 02/19/2005 (5B19004-MS1)					**Source: IOB1285-02**					
Benzene	20.6	0.50	ug/l	25.0	ND	82	70-120			
Ethylbenzene	21.1	0.50	ug/l	25.0	ND	84	70-130			
Toluene	20.6	0.50	ug/l	25.0	ND	82	70-120			
o-Xylene	20.7	0.50	ug/l	25.0	ND	83	65-125			
m,p-Xylenes	42.4	1.0	ug/l	50.0	ND	85	65-130			
Xylenes, Total	63.1	1.5	ug/l	75.0	ND	84	65-135			
Di-isopropyl Ether (DIPE)	20.6	5.0	ug/l	25.0	ND	82	65-140			
Ethyl tert-Butyl Ether (ETBE)	19.8	5.0	ug/l	25.0	ND	79	60-140			
tert-Amyl Methyl Ether (TAME)	21.4	5.0	ug/l	25.0	ND	86	55-145			
Methyl-tert-butyl Ether (MTBE)	19.9	1.0	ug/l	25.0	ND	80	50-155			
tert-Butanol (TBA)	119	25	ug/l	125	ND	95	65-145			
Surrogate: Dibromofluoromethane	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Matrix Spike Dup Analyzed: 02/19/2005 (5B19004-MSD1)					**Source: IOB1285-02**					
Benzene	21.5	0.50	ug/l	25.0	ND	86	70-120	4	20	
Ethylbenzene	22.7	0.50	ug/l	25.0	ND	91	70-130	7	20	
Toluene	20.5	0.50	ug/l	25.0	ND	82	70-120	1	20	
o-Xylene	22.4	0.50	ug/l	25.0	ND	90	65-125	8	20	
m,p-Xylenes	44.6	1.0	ug/l	50.0	ND	89	65-130	5	25	
Xylenes, Total	67.0	1.5	ug/l	75.0	ND	89	65-135	6	20	
Di-isopropyl Ether (DIPE)	21.1	5.0	ug/l	25.0	ND	84	65-140	2	25	
Ethyl tert-Butyl Ether (ETBE)	20.6	5.0	ug/l	25.0	ND	82	60-140	4	25	
tert-Amyl Methyl Ether (TAME)	21.1	5.0	ug/l	25.0	ND	84	55-145	1	30	
Methyl-tert-butyl Ether (MTBE)	21.2	1.0	ug/l	25.0	ND	85	50-155	6	25	
tert-Butanol (TBA)	125	25	ug/l	125	ND	100	65-145	5	25	
Surrogate: Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			

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San Diego, CA 92110
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20404
Report Number: IOB1424

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Received: 02/17/05

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B23033 Extracted: 02/23/05										
Blank Analyzed: 02/23/2005 (5B23033-BLK1)										
Lead	ND	0.0050	mg/l							
LCS Analyzed: 02/23/2005 (5B23033-BS1)										
Lead	0.999	0.0050	mg/l	1.00		100	80-120			
Matrix Spike Analyzed: 02/23/2005 (5B23033-MS1)					**Source: IOB1399-01**					
Lead	0.990	0.0050	mg/l	1.00	ND	99	75-125			
Matrix Spike Dup Analyzed: 02/23/2005 (5B23033-MSD1)					**Source: IOB1399-01**					
Lead	0.969	0.0050	mg/l	1.00	ND	97	75-125	2	20	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5B24089 Extracted: 02/24/05										
Reference Analyzed: 02/24/2005 (5B24089-SRM1)										
Flashpoint	27.0	20	°C	27.0		100	96-104			

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DATA QUALIFIERS AND DEFINITIONS

>	Result is greater than the indicated value.
L	Laboratory Control Sample recovery was above the method control limits. Analyte not detected, data not impacted.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD.
The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Volatile Fuel Hydrocarbons (C4-C12):

Volatile Fuel Hydrocarbons (C4-C12) are quantitated against a gasoline standard. Quantitation begins immediately before TBA-d9.

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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 1010	Water	X	X
EPA 6010B	Water	X	X
EPA 8260B	Water	X	X
TPH by GC/MS	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

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9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9689

303 IOB1424

GT- 4546

CHAIN OF CUSTODY FORM

Quote No.: _____ Page: 1 of 1

Client Name: Compliance Monitoring Services
Address: 2338 Frankfort St.
City: San Diego, CA State: CA Zip: 92110
Tel: (619) 276-5470 Fax: (619) 276-5442

P.O./Project Number: 20404
Project Name: Sonic Center (Former Highland Tire)
Project Manager: Clint Williams
Sampler(s) (signature): [signature]

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) / 8020 (BTEX)	MTBE (8020) / 8015/8020/MTBE	8015 (Diesel) / simulated distillation / fuel fingerprint	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 / EPA 8010/8020	EPA 8270	Title 22 Metals EPA 6010/7000 / +Cr VI	EPA 8260 / + MTBE / + Oxygenates / MTBE only	Lead (Total)	pH	Flashpoint	TPH, BTEX, OXYS + Naphthalene by 8260B	(per Quote)			
MW4-0205	H2O	2/16/05	1026	HCl	4	VOA													X				
MW2-0205	↓	↓	1123	↓	4	↓													X				
MW3-0205	↓	↓	1350	↓	4	↓													X				
WW-0205	↓	↓	1407	HNO3	2	G,P										X		X		500	HNO3		
																				(802 Jar lined)			

Relinquished by:	Date/Time:	Received by:	Date/Time:
[signature]	2/17/05 1:00	[signature]	2-17-05 1200
[signature]	2-17-05 1835	[signature]	2-17-05 1835
		Received in Lab by:	

Turnaround Time: (check one):
Same Day ____ 72 hours ____
24 Hours ____ 5 Days ____
48 Hours ____ Standard X

Sample Integrity:
Intact: X On Ice X
5°C

Remarks:

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT