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April 22, 2008

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SUBJECT: **RESPONSIBLE PARTY PERJURY STATEMENT FOR ALAMEDA COUNTY FTP WEBSITE TECHNICAL REPORT SUBMITTAL REQUIREMENT FOR REPORTING OF ONE GROUNDWATER MONITORING SAMPLING EVENT (MARCH 07 THRU 09, 2008) ASSOCIATED WITH THE FORMER UNDERGROUND STORAGE TANKS (USTS) AT THE FORMER BILL CHUN'S SERVICE STATION LOCATED @ 2301 SANTA CLARA AVENUE, ALAMEDA, CA**

To Alameda County Environmental Health,

"I declare under penalty of perjury that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge."

Sincerely,

Wayne Chun

Wayne Chun

Franklin J. Goldman, CHG
Environmental and Hydrogeological Consulting
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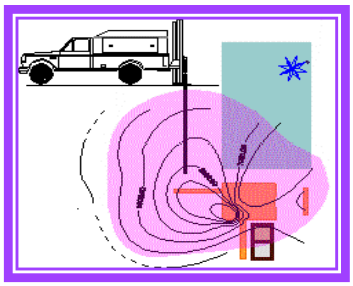
Phone: (707) 694-1375
fjgoldmanchg@yahoo.com



April 21, 2008

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Subject: **Groundwater Monitoring of Hydrocarbons related to the Former Underground Storage Tanks at the FORMER BILL CHUN SERVICE STATION @ 2301 SANTA CLARA AVENUE, ALAMEDA, CA 94501**

Mr. Plunkett:
This report summarizes the laboratory results of analyses performed for gasoline constituents in groundwater. This groundwater monitoring event represents a compilation of data covering the onsite wells and the down gradient wells installed on the Towata property. The concentrations of dissolved gasoline range organics (GROs) and benzene continues to exhibit an overall decrease over the past few years.

Sincerely,

Franklin J. Goldman

REGISTERED GEOLOGIST
FRANKLIN J. GOLDMAN
CERTIFIED HYDROGEOLOGIST
NO. 466
STATE OF CALIFORNIA

Franklin J. Goldman
Certified Hydrogeologist No. 466

Groundwater Flow Direction

On March 09, 2008, a Slope Indicator water level meter was used to measure the depth to groundwater in the groundwater monitoring and extraction wells. The measurements were read to the nearest 100th of a foot from the top of the casing where the elevation was established by a certified land survey.

Groundwater was encountered at depths ranging from approximately between six (6) and nine (9) feet bgs. The predominant groundwater gradient flow direction is to the northeast, the east at 0.04, and southeast at 0.06 (See Figure 1 for Groundwater Gradient Flow and Direction Map) and (Table 1 for Depth to Water Level Measurements).

Well Purging and Development

Depth to groundwater was measured prior to purging to use as a reference elevation. Purging of the wells was performed by the use of 1 3/4 inch diameter disposable check valve bailors. Each well was sampled after the well purging process which entailed the removal of approximately three (3) or more well volumes from each well, allowing the water level to recover to at least 80% of the original, static water level. Temperature, electrical conductivity, and pH were monitored so that the three parameters demonstrated an error difference of within 10% from one another, over three consecutive readings (See Appendix A for Sampling Event Logs). The recorded data was used to verify that a sufficient volume of groundwater had been removed from each well casing so that anomalies caused by remnant well casing storage would not preclude us from obtaining a groundwater sample which would be representative of the aquifer contaminant distribution as a whole.

Groundwater Sampling From Wells

Water samples were collected by lowering a plastic disposable bailer down the center of the well casing. Water samples were contained in 40-milliliter VOA vials through a low flow bottom draining plastic tube inserted into the bottom of the bailer for TPH-g, MTBE, and BTEX analyses. EPA Method 8260b for 5 oxygenates and two lead scavengers was used to confirm the presence of MTBE and other gasoline constituents. The samples were labeled and stored on ice until delivered, under chain-of-custody procedures, to American Analytics, Inc. of Chatsworth, California, a State-certified analytical laboratory.

Laboratory Results of Hydrocarbons in Groundwater

Dissolved GROs and benzene generally decreased over the past few years except for monitor wells MW-3, MW-4, and BL. (See Appendix B for Laboratory Data Sheets) and (Table 2 for Historical Trends of GRO and Benzene concentrations).

The dissolved plumes of GROs and benzene in groundwater still appear to be centered in the general vicinity of the former USTs on site, at EW-13, and extends underneath the flower shop downgradient (See Figures 2 and 3 for GRO and benzene concentration maps). TBA was identified at 42 ppb and 27 ppb in wells MW-4 and BM. MTBE was identified at 42 ppb in well BH (See Figure 4 for oxygenates concentration map). Toluene was identified at 1.2, 1.3, and 1.2, in wells MW-8, MW-9, and MW-10, respectively. This anomaly is likely due to cross contamination during sampling.

Field Cleanup

Well purge water was placed in properly labeled 55 gallon drums left on-site for transport to a legal point of disposal.

Conclusions

The center of the dissolved GRO and benzene plumes is centered around the former UST location, at well EW-13, and beneath the Towata flower shop. Some low levels of oxygenates were identified in down gradient wells and appear to represent the leading edge of the dissolved gasoline plume. Although the dissolved plumes are decreasing, a more focused remediation approach should be employed to remove gasoline from beneath the flower shop. Mobil trucks providing high vacuum dual-phase extraction (HVDPE) can be used to target only the specific wells which will remove gasoline from below the flower shop. An addendum to the approved Remedial Action Plan will be provided to Alameda County environmental health to present a few modifications to the approved RAP.

Recommendations

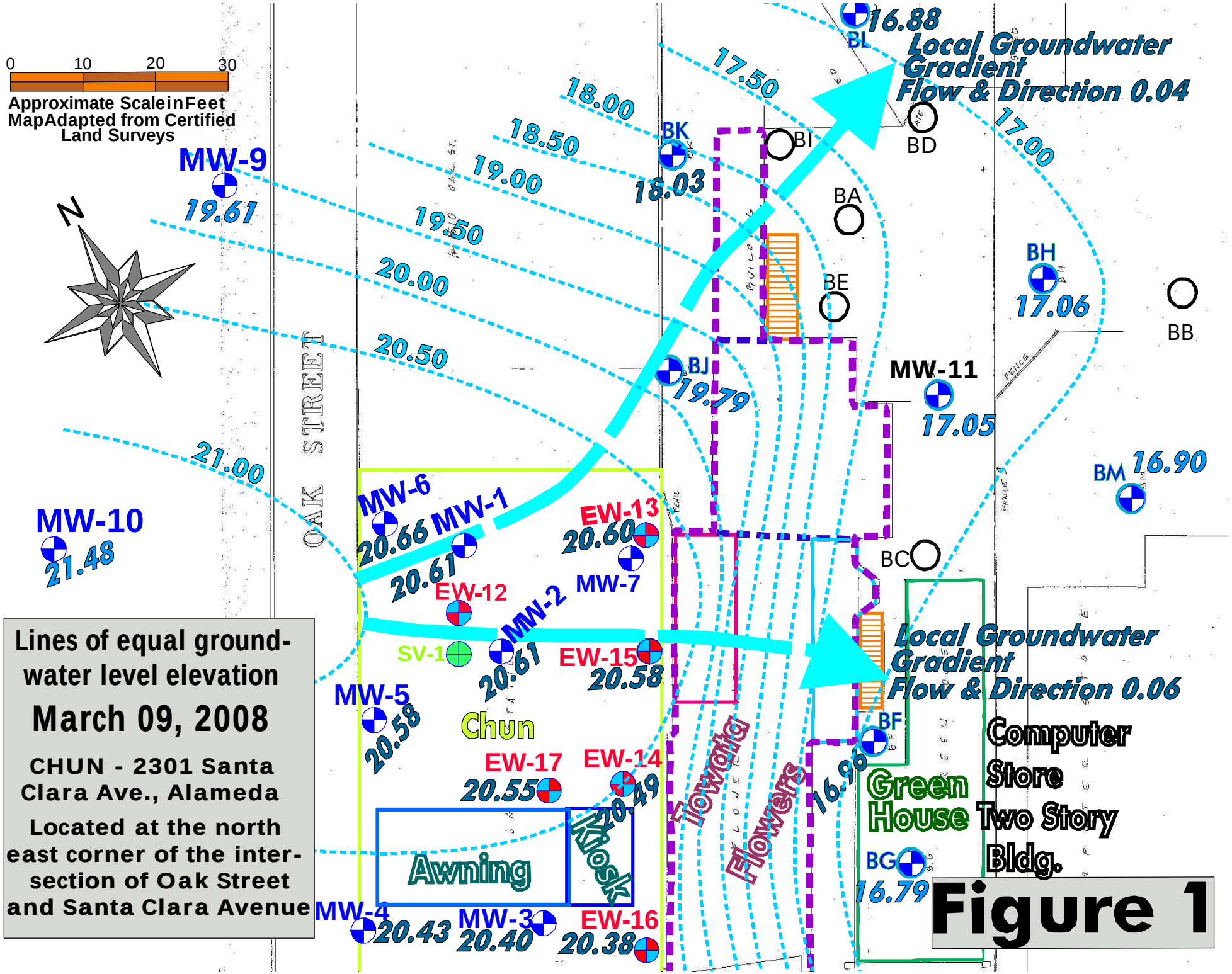
Perform an additional round of groundwater sampling and initiate HVDPE.

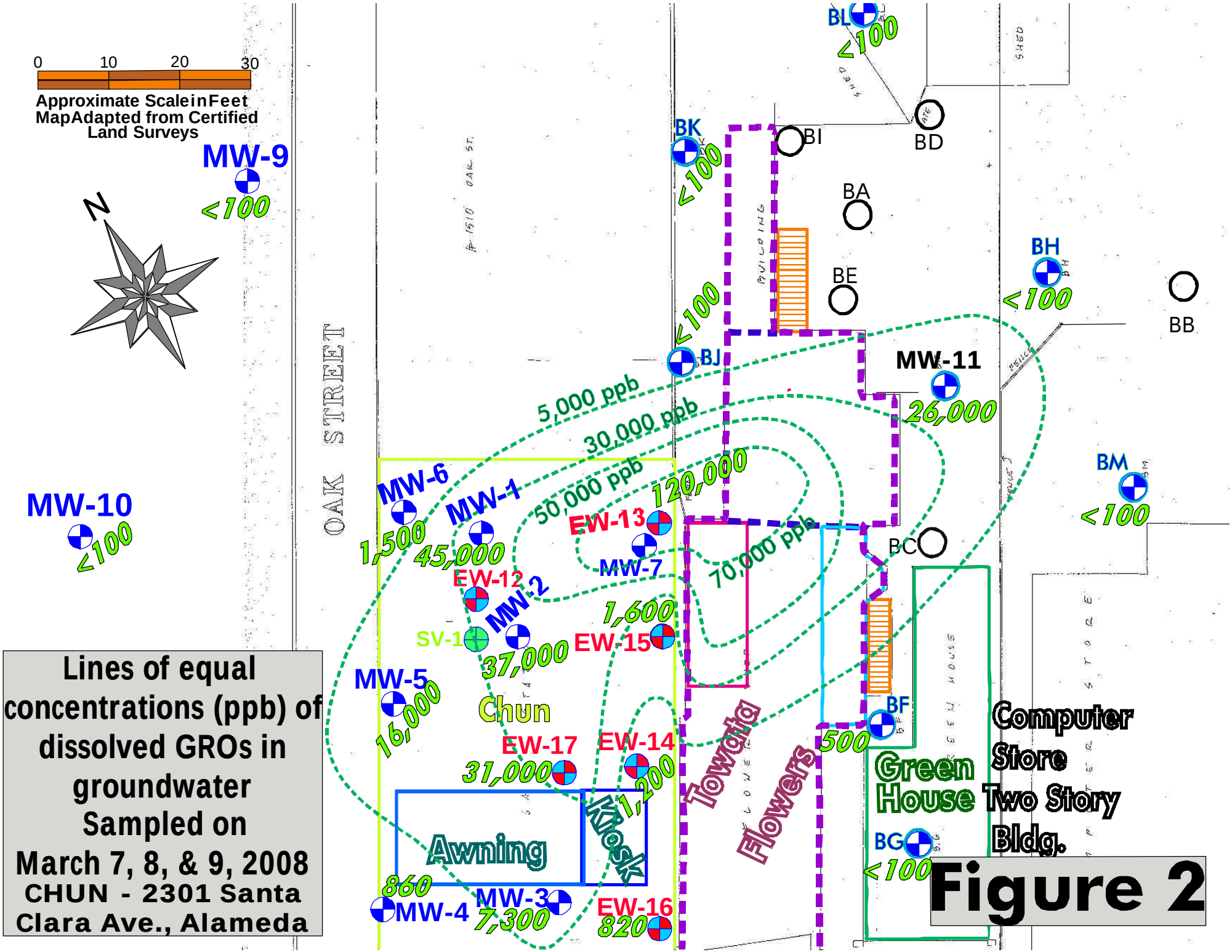
Limitations

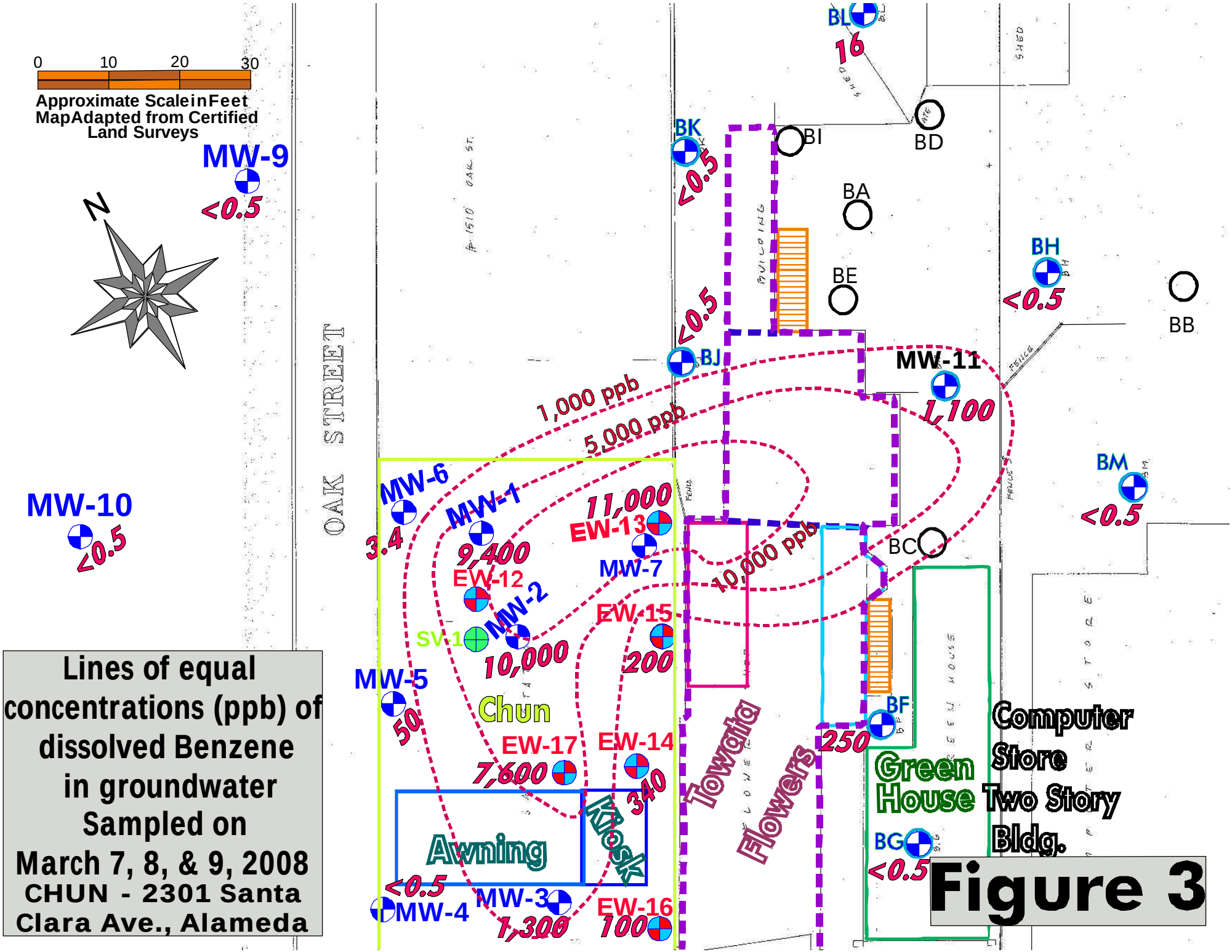
This report has been prepared in accordance with generally accepted environmental, geological and engineering practices. No warranty, either expressed or implied, is made as to the professional advice presented herein. The analyses, conclusions and recommendations contained in this report are based upon site conditions as they existed at the time of the investigation and they are subject to change.

The conclusions presented in this report are professional opinions based solely upon visual observations of the site and vicinity, and interpretation of available information as described in this report. Franklin J. Goldman, recognizes that the limited scope of services performed in execution of this investigation may not be

appropriate to satisfy the needs, or requirements of other state agencies, or of other users. Any use or reuse of this document or its findings, conclusions or recommendations presented herein, is done so at the sole risk of the said user.


0 10 20 30
Approximate Scale in Feet
Map Adapted from Certified Land Surveys
N
MW-9
19.61
MW-10
21.48
OAK STREET
18.00
18.50
19.00
19.50
20.00
20.50
21.00
17.50
17.00
BK
18.03
BL
16.88
BI
BD
BA
BE
BH
17.06
BB
BJ
19.79
MW-11
17.05
BM
16.90
BC
Local Groundwater Gradient Flow & Direction 0.04
Local Groundwater Gradient Flow & Direction 0.06
MW-6
20.66
MW-1
20.61
EW-13
20.60
MW-7
EW-12
MW-2
20.61
SV-1
EW-15
20.58
MW-5
20.58
Chun
EW-17
20.55
EW-14
20.49
Awning
Kiosk
MW-4
20.43
MW-3
20.40
EW-16
20.38
Flowers
16.96
BF
Computer Store
Green House
Two Story Bldg.
BG
16.79
Lines of equal ground-water level elevation
March 09, 2008
CHUN - 2301 Santa Clara Ave., Alameda
Located at the north east corner of the inter-section of Oak Street and Santa Clara Avenue
Figure 1


0 10 20 30
Approximate Scale in Feet
Map Adapted from Certified Land Surveys
N
MW-9
<100
MW-10
<100
OAK STREET
BL
<100
BK
<100
BI
BD
BA
BE
BH
<100
BB
BJ
<100
MW-11
26,000
5,000 ppb
30,000 ppb
50,000 ppb
120,000
70,000 ppb
BM
<100
BC
MW-6
1,500
MW-1
45,000
EW-13
MW-7
EW-12
MW-2
37,000
SV-1
1,600
EW-15
MW-5
16,000
Chun
EW-17
31,000
EW-14
1,200
Towata
Flowers
500
BF
Computer Store
Green House
Two Story Bldg.
Awning
Kiosk
860
MW-4
MW-3
7,300
EW-16
820
BG
<100
Lines of equal concentrations (ppb) of dissolved GROs in groundwater
Sampled on
March 7, 8, & 9, 2008
CHUN - 2301 Santa Clara Ave., Alameda
Figure 2


0 10 20 30
Approximate Scale in Feet
Map Adapted from Certified Land Surveys
N
MW-9
<0.5
MW-10
<0.5
OAK STREET
BL
16
BK
<0.5
BI
BD
BA
BE
BH
<0.5
BB
BJ
<0.5
MW-11
1,100
1,000 ppb
5,000 ppb
10,000 ppb
BM
<0.5
BC
MW-6
3.4
MW-1
9,400
EW-12
MW-2
10,000
SV-1
EW-13
11,000
MW-7
EW-15
200
MW-5
50
Chun
EW-17
7,600
EW-14
340
Towata
Flowers
BF
250
Computer Store
Green House
Two Story Bldg.
Awning
Kiosk
BG
<0.5
<0.5
MW-4
MW-3
1,300
EW-16
100
Lines of equal concentrations (ppb) of dissolved Benzene in groundwater Sampled on March 7, 8, & 9, 2008
CHUN - 2301 Santa Clara Ave., Alameda
Figure 3

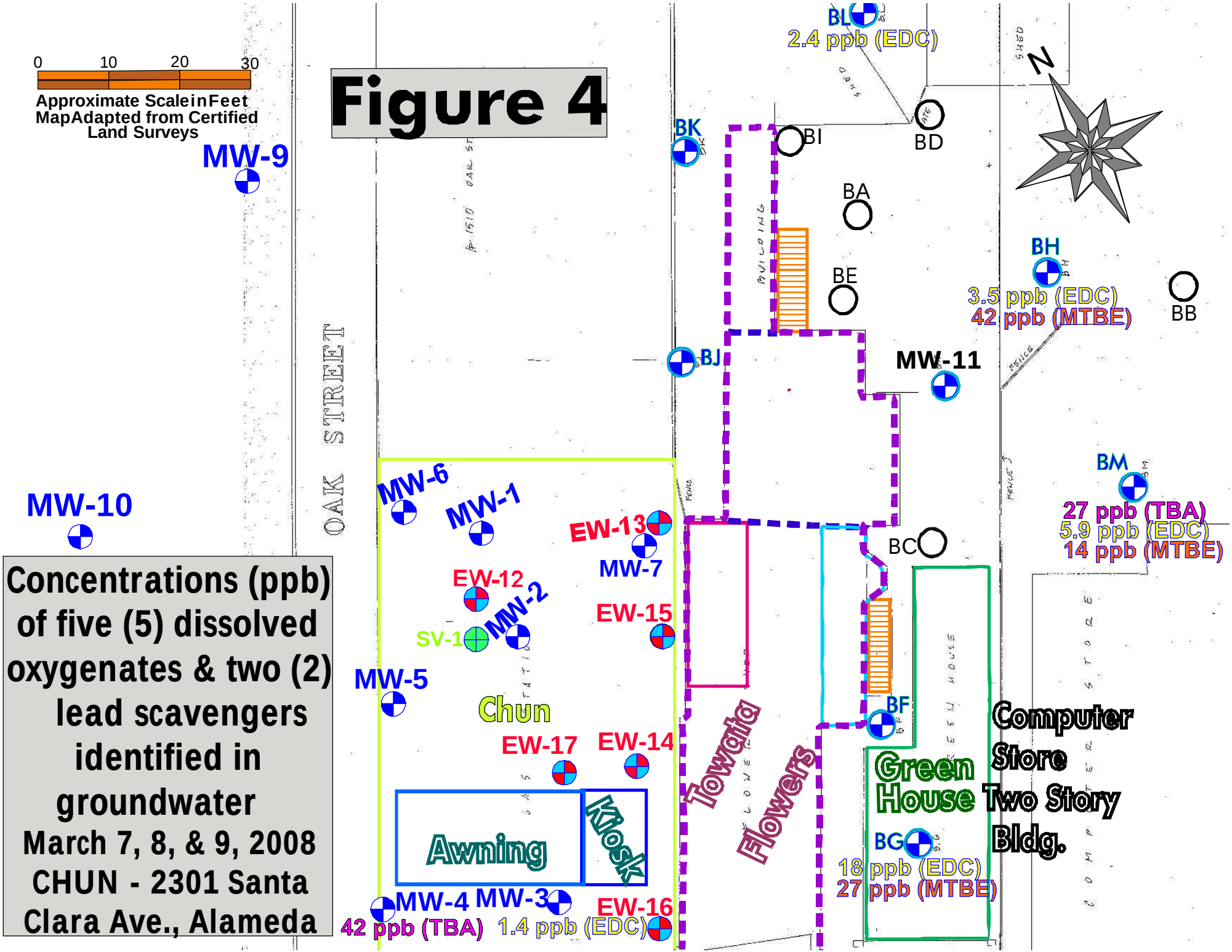


Figure 4
0 10 20 30
Approximate Scale in Feet
Map Adapted from Certified Land Surveys
MW-9
MW-10
OAK STREET
BL
2.4 ppb (EDC)
BK
BI
BD
BA
BE
BH
3.5 ppb (EDC)
42 ppb (MTBE)
BB
BJ
MW-11
BM
27 ppb (TBA)
5.9 ppb (EDC)
14 ppb (MTBE)
BC
MW-6
MW-1
EW-13
MW-7
EW-12
MW-2
EW-15
SV-1
MW-5
Chun
EW-17
EW-14
Awning
Kiosk
Towata
Flowers
BF
Green House
Computer Store
Two Story Bldg.
BG
18 ppb (EDC)
27 ppb (MTBE)
MW-4
42 ppb (TBA)
MW-3
1.4 ppb (EDC)
EW-16
Concentrations (ppb) of five (5) dissolved oxygenates & two (2) lead scavengers identified in groundwater
March 7, 8, & 9, 2008
CHUN - 2301 Santa Clara Ave., Alameda

TABLE 1
Depth to Groundwater Measurements
March 09, 2008
Chun/Towata Properties - 2301 Santa Clara Avenue, Alameda

Well No	Depth to Groundwater from TOC (feet bgs)	TOC Elevation (feet) MSN	Water Table Elevation (feet)
MW-1	7.88	28.49	20.61
MW-2	7.86	28.47	20.61
MW-3	8.38	28.78	20.40
MW-4	8.10	28.53	20.43
MW-5	7.75	28.33	20.58
MW-6	7.70	28.36	20.66
MW-7		28.44	
MW-8	7.76	28.17	20.41
MW-9	7.84	27.45	19.61
MW-10	5.84	27.32	21.48
MW-11	8.12	25.17	17.05
EW-12		28.25	
EW-13	8.04	28.64	20.60
EW-14	8.72	29.21	20.49
EW-15	8.13	28.71	20.58
EW-16	8.64	29.02	20.38
EW-17	8.40	28.95	20.55
BL	8.49	25.37	16.88
BK	6.99	25.02	18.03
BJ	5.24	25.03	19.79

BH	8.12	25.18	17.06
BM	8.27	25.17	16.90
BF	8.70	25.66	16.96
BG	9.06	25.85	16.79

TABLE 2 - Chun
Representative Analytical for Gasoline in Groundwater Trends (ppb)

Well Identification	Date	GROs	Benzene
MW-1	(03-09-08)	45,000	9,400
MW-1	(09-23-07)	22,000	4,700
MW-1	(07-08-07)	57,000	11,000
	(03-24-07)	71,000	15,000
	(01-04-07)	46,000	6,500
	(09-05-06)	62,000	17,000
	(06-11-06)	65,000	21,000
	(03-13-06)	72,000	17,000
	(11-26-05)	6,400	2,600
	(08-20-05)	35,000	14,000
	(08-08-04)	29,000	9,700
	(04-24-04)	33,000	8,000
	(12-25-03)	12,000	3,400
	(09-20-03)	19,000	4,900
	(07-04-02)	43,000	7,200
	(09-17-00)	65,000	15,000
MW-2	(03-09-08)	37,000	10,700
MW-2	(09-23-07)	14,000 (2,500) Silica Gel Cleanup	6,700
MW-2	(07-08-07)	56,000	5,400
	(03-24-07)	52,000	12,000
	(01-04-07)	17,000	4,300
	(09-05-06)	24,000	8,100
	(06-11-06)	37,000	12,000

Well Identification	Date	GROs	Benzene
	(03-13-06)	50,000	15,000
	(11-26-05)	38,000	11,000
	(08-20-05)	31,000	10,000
	(08-08-04)	21,000	6,800
	(04-24-04)	44,000	8,400
	(12-25-03)	46,000	6,100
	(09-21-03)	27,000	2,400
	(07-04-02)	41,000	5,600
	(09-17-00)	140,000	21,000
MW-3	(03-09-08)	7,300	1,300
MW-3	(09-22-07)	1,300	5,600
MW-3	(07-08-07)	5,600	1,500
	(03-24-07)	8,000	1,600
	(01-04-07)	5,500	1,400
	(09-05-06)	6,000	1,500
	(06-11-06)	7,000	2,000
	(03-13-06)	6,400	2,100
	(11-26-05)	6,100	1,200
	(08-20-05)	5,500	3,000
	(08-08-04)	2,500	400
	(04-24-04)	3,100	1,000
	(12-25-03)	3,300	290
	(09-21-03)	2,700	320
	(07-04-02)	10,000	2,300
	(09-17-00)	9,300	3,000
MW-4	(03-08-08)	860	<0.50

Well Identification	Date	GROs	Benzene
MW-4	(09-23-07)	<100	<0.50
MW-4	(07-08-07)	<100	<0.50
	(03-24-07)	120	<0.50
	(01-04-07)	<100	<0.50
	(09-05-06)	760	<0.50
	(06-12-06)	1,500	0.89
	(03-13-06)	320	<0.50
	(11-26-05)	<100	<0.50
	(08-20-05)	1,100	1.5
	(08-08-04)	ND	ND
	(04-24-04)	3,000	0.97
	(12-25-03)	ND	ND
	(09-20-03)	ND	ND
	(07-04-02)	ND	ND
	(09-17-00)	ND	ND
MW-5	(03-08-08)	16,000	50
MW-5	(09-24-07)	16,000 (6,100) Silica Gel Cleanup	490
MW-5	(07-08-07)	23,000	72
	(03-24-07)	19,000	60
	(01-04-07)	20,000	110
	(09-05-06)	15,000	56
	(06-12-06)	14,000	91
	(03-13-06)	21,000	61
	(11-26-05)	38,000	110
	(08-20-05)	19,000	130

Well Identification	Date	GROs	Benzene
	(08-08-04)	13,000	82
	(04-24-04)	13,000	97
	(12-25-03)	2,300	140
	(09-21-03)	8,700	ND
	(07-04-02)	16,000	89
	(09-17-00)	44,000	490
MW-6	(03-08-08)	1,500	3.4
MW-6	(09-23-07)	1,200	2.8
MW-6	(07-08-07)	720	2.8
	(03-24-07)	3,300	7.2
	(01-04-07)	390	2.0
	(09-05-06)	1,100	4.4
	(06-12-06)	910	3.3
	(03-13-06)	<100	<0.50
	(11-26-05)	480	1.4
	(08-20-05)	810	<0.5
	(08-08-04)	320	2.7
	(04-24-04)	110	3.6
	(12-25-03)	1,200	18
	(09-20-03)	500	15
	(07-04-02)	3,900	29
	(09-17-00)	10,000	110
MW-7	(09-05-06)	62,000	17,000
	(06-12-06)	NA	NA
	(03-13-06)	NA	NA
	(08-20-05)	NA	NA

Well Identification	Date	GROs	Benzene
	(08-08-04)	92,000	9,300
	(04-24-04)	100,000	10,000
	(12-25-03)	110,000	12,000
	(09-21-03)	110,000	4,200
	(07-04-02)	140,000	15,000
	(09-17-00)	220,000	32,000
MW-8	(03-08-08)	<100	<0.5
MW-8	(09-21-07)	<100	<0.5
MW-8	(07-07-07)	<100	2.0
	(03-22-07)	500	6.0
	(01-06-07)	390	4.4
	(09-06-06)	<100	1.4
	(06-12-06)	<100	<0.5
	(03-13-06)	<100	<0.5
	(11-27-05)	<100	<0.5
	(08-22-05)	<100	<0.5
	(08-08-04)	NA	NA
	(04-24-04)	ND	ND
	(12-25-03)	ND	ND
	(09-20-03)	ND	ND
	(07-03-02)	ND	1.1
	(09-17-00)	ND	1.4
MW-9	(03-08-08)	<100	<0.5
MW-9	(09-21-07)	<100	<0.5
MW-9	(07-07-07)	<100	<0.5
	(03-22-07)	<100	<0.5

Well Identification	Date	GROs	Benzene
	(01-06-07)	<100	<0.5
	(09-07-06)	<100	<0.5
	(06-13-06)	<100	<0.5
	(03-13-06)	<100	<0.5
	(11-27-05)	<100	<0.5
	(08-22-05)	<100	<0.5
	(04-24-04)	ND	ND
	(12-25-03)	ND	ND
	(09-20-03)	ND	ND
	(07-03-02)	ND	ND
	(09-17-00)	ND	ND
MW-10	(03-08-08)	<100	<0.5
MW-10	(09-21-07)	<100	<0.5
MW-10	(07-07-07)	<100	<0.5
	(03-22-07)	<100	<0.5
	(01-06-07)	<100	<0.5
	(09-07-06)	<100	<0.5
	(06-13-06)	<100	<0.5
	(03-13-06)	<100	<0.5
	(11-27-05)	<100	<0.5
	(08-22-04)	<100	<0.5
	(04-24-04)	ND	ND
	(12-25-03)	ND	ND
	(09-20-03)	ND	ND
	(07-03-02)	ND	ND
	(09-17-00)	ND	ND

Well Identification	Date	GROs	Benzene
MW-11	(03-08-08)	26,000	1,100
MW-11	(09-22-07)	31,000 (21,000) Silica Gel Cleanup	2,000
MW-11	(07-07-07)	54,000	2,800
	(03-22-07)	57,000	3,000
	(01-05-07)	50,000	2,200
	(09-06-06)	36,000	5,900
	(06-12-06)	44,000	5,900
	(03-13-06)	47,000	5,600
	(11-26-05)	56,000	4,000
	(08-20-05)	31,000	5,100
	(08-08-04)	29,000	3,100
	(04-24-04)	38,000	5,000
	(12-25-03)	14,000	1,400
	(09-22-03)	46,000	1,700
	(10-24-02)	59,000	5,100
SV-1	(06-13-06)	NA	NA
	(03-13-06)	NA	NA
	(11-26-05)	NA	NA
	(08-08-04)	NA	NA
	(04-24-04)	9,600	740
	(12-25-03)	83,000	2,200
	(09-21-03)	89,000	2,300
	(07-04-02)	210,000	7,900
	(09-17-00)	560,000	10,000

Well Identification	Date	GROs	Benzene
EW-12	(09-05-06)	62,000	17,000
	(06-11-06)	NA	NA
	(03-13-06)	NA	NA
	(11-27-05)	NA	NA
	(08-08-04)	NA	NA
	(04-24-04)	12,000	920
	(12-25-03)	9,900	790
	(09-21-03)	19,000	590
	(10-31-02)	5,840	75.7
EW-13	(03-09-08)	120,000	11,000
EW-13	(09-24-07)	84,000 (27,000) Silica Gel Cleanup	5,400
EW-13	(07-09-07)	140,000	10,000
	(03-25-07)	170,000	16,000
	(01-05-07)	410,000	57,000
	(09-05-06)	120,000	12,000
	(06-11-06)	130,000	23,000
	(03-13-06)	140,000	16,000
	(11-27-05)	150,000	16,000
	(08-20-05)	130,000	27,000
	(08-08-04)	NA	NA
	(04-24-04)	100,000	19,000
	(12-25-03)	110,000	17,000
	(09-21-03)	71,000	10,000

Well Identification	Date	GROs	Benzene
	(10-31-02)	109,200	9,120
EW-14	(03-09-08)	1,200	340
EW-14	(09-23-07)	41,000 (19,000) Silica Gel Cleanup	9,900
EW-14	(07-09-07)	54,000	14,000
	(03-25-07)	25,000	5,400
	(01-04-07)	30,000	7,000
	(09-06-06)	20,000	4,700
	(06-11-06)	2,300	1,100
	(03-13-06)	1,300	360
	(11-27-05)	53,000	10,000
	(08-22-05)	26,000	7,100
	(08-08-04)	14,000	6,300
	(04-24-04)	9,400	4,100
	(12-25-03)	26,000	5,300
	(09-22-03)	68,000	4,100
EW-15	(03-09-08)	1,600	200
EW-15	(09-23-07)	59,000	14,000
EW-15	(07-09-07)	46,000	5,200
	(03-25-07)	23,000	2,100
	(01-05-07)	30,000	9,700
	(09-05-06)	51,000	8,200
	(06-11-06)	25,000	2,900
	(03-13-06)	12,000	1,900
	(11-27-05)	71,000	11,000

Well Identification	Date	GROs	Benzene
	(08-22-05)	670,000	11,000
	(08-08-04)	36,000	3,300
	(01-21-04)	72,000	8,400
EW-16	(03-08-08)	820	100
EW-16	(09-22-07)	2,200 (680) Silica Gel Cleanup	4.2
EW-16	(07-09-07)	2,300	53
	(03-25-07)	1,800	420
	(01-04-07)	370	2.9
	(09-05-06)	2,100	210
	(06-11-06)	1,400	680
	(03-13-06)	900	400
	(11-26-05)	1,600	160
	(08-20-05)	1,600	410
	(08-08-04)	2,500	590
	(01-21-04)	1,500	290
EW-17	(03-09-08)	31,000	7,600
EW-17	(09-23-07)	26,000 (6,800) Silica Gel Cleanup	5,300
EW-17	(07-09-07)	40,000	7,600
	(03-25-07)	44,000	7,900
	(01-04-07)	27,000	8,100
	(09-06-06)	26,000	8,900
	(06-11-06)	38,000	9,700
	(03-13-06)	29,000	6,500

Well Identification	Date	GROs	Benzene
	(11-27-05)	35,000	8,000
	(08-22-05)	42,000	13,000
	(08-08-04)	30,000	6,800
	(01-21-04)	18,000	2,600
BM	(03-07-08)	<100	<0.5
BM	(09-22-07)	<100	<0.5
BM	(07-07-07)	<100	<0.5
	(03-22-07)	<100	<0.5
	(01-06-07)	<100	<0.5
	(09-06-06)	<100	<0.5
	(06-12-06)	<100	<0.5
	(03-13-06)	<100	<0.5
	(11-26-05)	<100	<0.5
	(08-20-05)	<100	<0.5
BH	(03-07-08)	<100	<0.50
BH	(09-22-07)	<100	<0.50
BH	(07-07-07)	<100	<0.50
	(03-22-07)	130	<0.50
	(01-05-07)	140	12
	(09-06-06)	<100	<0.50
	(06-12-06)	<100	0.93
	(03-13-06)	<100	<0.50
	(11-26-05)	<100	0.76
	(08-20-05)	<100	<0.5
BF	(03-08-08)	500	250

Well Identification	Date	GROs	Benzene
BF	(09-22-07)	7,300 (3,200) Silica Gel Cleanup	2,600
BF	(07-07-07)	6,900	3,700
	(03-22-07)	5,600	1,400
	(01-05-07)	13,000	5,200
	(09-06-06)	<10,000	6,500
	(06-12-06)	14,000	11,000
	(03-13-06)	<10,000	5,300
	(11-26-05)	13,000	8,300
	(08-20-05)	3,800	89
BL	(09-22-07)	<100	16
BL	(09-22-07)	<100	8.6
BL	(07-07-07)	<100	<0.5
	(03-22-07)	<100	<0.5
	(01-05-07)	<100	<0.5
	(09-07-06)	<100	<0.5
	(06-12-06)	<100	6.8
	(03-13-06)	400	110
	(11-27-05)	<100	<0.5
	(08-22-05)	<100	17
BG	(03-08-08)	<100	<0.5
BG	(09-22-07)	<100	<0.5
BG	(07-07-07)	<100	<0.5
	(03-22-07)	120	<0.5
	(01-05-07)	<100	<0.5
	(09-07-06)	<100	3.3

Well Identification	Date	GROs	Benzene
	(06-12-06)	110	7.6
	(03-13-06)	<100	<0.5
	(11-27-05)	130	2.1
	(08-22-05)	100	59
BK	(03-07-08)	<100	<0.5
BK	(09-22-07)	450	18
BK	(07-07-07)	<100	<0.5
	(03-22-07)	<100	<0.5
	(01-06-07)	<100	<0.5
	(09-07-06)	1,100	0.54
	(06-11-06)	700	<0.50
	(03-13-06)	1,800	<0.50
	(11-27-05)	7,200	93
	(08-22-05)	3,600	22
BJ	(03-08-08)	<100	<0.5
BJ	(09-22-07)	150	4.0
BJ	(07-07-07)	<100	<0.5
	(03-22-07)	<100	<0.5
	(01-06-07)	<100	<0.5
	(09-07-06)	<100	<0.5
	(06-11-06)	<100	<0.5
	(03-13-06)	790	<0.5
	(11-27-05)	6,800	90
	(08-22-05)	1,500	14

Appendix A

Sampling Event Sheets

Sampling Event Logs - Chun - March 7, 8, & 9, 2008

BL	DTW 8.54'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-07-08
		2.5	70.3	977	7.0	9:20 am	
		2.5	70.6	979	7.0	9:35	
		2.5	70.9	979	7.0	2:25 pm	

BH	DTW 8.18'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-07-08
		2.5	70.1	944	7.0	10:50 am	
		2.5	70.1	950	7.0	11:30	
		2.5	70.2	955	7.0	3:40 pm	

BM	DTW 8.33'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-07-08
		2.5	68.3	658	7.0	12:15 pm	
		2.5	68.6	661	7.0	12:30	
		2.5	69.1	661	7.0	4:50 pm	

BG	DTW 9.05'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-08-08
		2.5	70.2	986	7.0	8:25 am	
		2.5	70.2	989	7.0	9:45	
		2.5	70.2	990	7.0	7:35 am	

BF	DTW 8.76'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-08-08
		2.0	68.6	777	6.9	10:10 am	
		2.0	68.8	781	6.9	10:20	
		2.0	68.9	789	6.9	8:30 am	

BJ	DTW 5.30'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-08-08
		1.5	69.1	921	6.9	2:25 pm	
		1.5	69.1	922	6.9	2:40	
		1.5	69.5	922	6.9	9:05 am	

BK	DTW 7.05'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-08-08
		1.5	70.6	980	7.0	3:10 pm	
		1.5	70.8	987	7.0	3:20	
		1.5	70.9	991	7.0	9:40 am	

MW-11	DTW 8.11'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-08-08
		2.5	70.8	921	7.1	1:05 pm	
		2.5	70.7	920	7.1	1:20	
		2.0	70.9	909	7.1	10:30 am	

MW-8	DTW 7.70'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-08-08
		2.0	71.0	968	7.1	1:55 pm	
		2.0	71.3	968	7.1	2:10	
		2.0	71.6	970	7.1	12:05 pm	

MW-9	DTW 7.81'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-08-08
		2.0	69.0	958	7.1	2:50 pm	
		2.0	68.8	957	7.1	3:05	
		2.0	69.1	964	7.1	12:45 pm	

MW-10	DTW 5.88'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-08-08
		2.0	69.7	921	7.0	3:55 pm	
		2.0	69.5	932	7.0	4:20	
		2.0	69.8	939	7.0	1:35 pm	

MW-4	DTW 8.10'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-08-08
		2.0	70.0	961	6.8	5:15 pm	
		2.0	70.0	970	6.9	5:30	
		2.0	70.1	977	6.9	2:30 pm	

MW-5	DTW 7.70'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-08-08
		2.0	68.9	9321	7.1	6:00 am	
		2.0	68.9	939	7.1	6:55 am	
		2.0	70.0	940	7.1	3:20 pm	

MW-6	DTW 7.71'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	
		2.0	70.8	921	7.0	7:35 am	03-08-08
		2.0	70.8	923	7.0	7:50	
		2.0	70.8	931	7.1	4:10 pm	

EW-16	DTW 8.66'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-08-08
		4.0	68.6	888	7.0	12:25 pm	
		4.0	68.4	878	7.0	12:50	
		4.0	68.3	881	7.0	5:30 pm	

MW-1	DTW 7.91'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-09-08
		2.0	70.1	922	7.0	4:25 pm	
		2.0	70.1	932	7.0	4:45	
		2.0	70.4	939	7.0	8:10 am	

MW-2	DTW 7.90'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-09-08
		2.0	70.0	928	6.9	3:40 pm	
		2.0	70.5	933	6.9	3:55	
		2.0	70.5	944	6.9	9:10 am	

EW-14	DTW 8.78'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-09-08
		4.0	69.0	955	7.0	9:40 am	
		4.0	69.1	962	7.0	10:10	
		4.0	69.2	971	7.0	9:55 am	

EW-17	DTW 8.46'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-09-08
		4.0	70.0	923	6.9	11:00 am	
		4.0	70.0	931	6.9	11:25	
		4.0	70.0	941	6.9	11:05 am	

EW-15	DTW 8.16'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-09-08
		4.0	70.1	939	7.0	8:10 am	
		4.0	70.1	940	7.0	8:35	
		4.0	70.1	955	7.0	12:10 pm	

MW-3	DTW 8.42'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-09-08
		2.0	70.0	924	7.0	1:25 pm	
		2.0	70.1	925	7.0	1:40	
		2.0	70.2	927	7.0	1:35 pm	

EW-13	DTW 8.10'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	03-09-08
		4.0	69.9	932	7.0	6:40 am	
		4.0	69.9	933	7.0	7:10	
		4.0	69.9	942	7.0	2:45 pm	

Appendix B

Laboratory Data Sheets

AMERICAN ANALYTICS

9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

March 31, 2008

Frank Goldman

Chun

265 Heron Drive

Pittsburg, CA 94565

Re : Chun

A57223 / 8C13004

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 03/13/08 10:35 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B+OXY+TPHG					
BL	8C13004-01	Water	10	03/07/08 14:30	03/13/08 10:35
BH	8C13004-02	Water	10	03/07/08 15:45	03/13/08 10:35
BM	8C13004-03	Water	10	03/07/08 16:55	03/13/08 10:35
BG	8C13004-04	Water	10	03/08/08 07:40	03/13/08 10:35
BF	8C13004-05	Water	10	03/08/08 08:35	03/13/08 10:35
BJ	8C13004-06	Water	10	03/08/08 09:10	03/13/08 10:35
BK	8C13004-07	Water	10	03/08/08 09:50	03/13/08 10:35
MW-11	8C13004-08	Water	10	03/08/08 10:35	03/13/08 10:35
MW-8	8C13004-09	Water	10	03/08/08 12:10	03/13/08 10:35
MW-9	8C13004-10	Water	10	03/08/08 12:50	03/13/08 10:35
MW-10	8C13004-11	Water	10	03/08/08 13:40	03/13/08 10:35
MW-4	8C13004-12	Water	10	03/08/08 14:35	03/13/08 10:35
MW-5	8C13004-13	Water	10	03/08/08 15:25	03/13/08 10:35
MW-6	8C13004-14	Water	10	03/08/08 16:15	03/13/08 10:35
EW-16	8C13004-15	Water	10	03/08/08 17:35	03/13/08 10:35
MW-1	8C13004-16	Water	10	03/09/08 08:15	03/13/08 10:35
MW-2	8C13004-17	Water	10	03/09/08 09:10	03/13/08 10:35
EW-14	8C13004-18	Water	10	03/09/08 10:00	03/13/08 10:35
EW-17	8C13004-19	Water	10	03/09/08 11:05	03/13/08 10:35

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
EW-15	8C13004-20	Water	10	03/09/08 12:15	03/13/08 10:35
MW-3	8C13004-21	Water	10	03/09/08 13:40	03/13/08 10:35
EW-13	8C13004-22	Water	10	03/09/08 14:50	03/13/08 10:35

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/07/08	03/07/08	03/07/08	03/08/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-01	8C13004-02	8C13004-03	8C13004-04	
Client ID No:	BL	BH	BM	BG	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B)					
Acetone	<10	<10	<10	<10	10
tert-Amyl Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	**16**	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<10	<10	<10	<10	10
tert-Butyl alcohol (TBA)	<10	**27**	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/07/08	03/07/08	03/07/08	03/08/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-01	8C13004-02	8C13004-03	8C13004-04	
Client ID No:	BL	BH	BM	BG	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	**2.4**	**3.5**	**5.9**	**18**	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<10	<10	<10	<10	10
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<2.0	**42**	**14**	**27**	2.0
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	<10	<10	10
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/07/08	03/07/08	03/07/08	03/08/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-01	8C13004-02	8C13004-03	8C13004-04	
Client ID No:	BL	BH	BM	BG	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	114%	112%	114%	114%	70-140
Dibromofluoromethane	116%	116%	110%	114%	70-140
Toluene-d8	130%	120%	128%	112%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/08/08	03/08/08	03/08/08	03/08/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-05	8C13004-06	8C13004-07	8C13004-08	
Client ID No:	BF	BJ	BK	MW-11	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	5	1	1	50	MRL
8260B+OXY+TPHG (EPA 8260B)					
Acetone	<50	<10	<10	<500	10
tert-Amyl Methyl Ether (TAME)	<10	<2.0	<2.0	<100	2.0
Benzene	**250**	<0.50	<0.50	**1100**	0.50
Bromobenzene	<2.5	<0.50	<0.50	<25	0.50
Bromochloromethane	<2.5	<0.50	<0.50	<25	0.50
Bromodichloromethane	<2.5	<0.50	<0.50	<25	0.50
Bromoform	<2.5	<0.50	<0.50	<25	0.50
Bromomethane	<2.5	<0.50	<0.50	<25	0.50
2-Butanone (MEK)	<50	<10	<10	<500	10
tert-Butyl alcohol (TBA)	<50	<10	<10	<500	10
sec-Butylbenzene	<2.5	<0.50	<0.50	**1400**	0.50
tert-Butylbenzene	<2.5	<0.50	<0.50	<25	0.50
n-Butylbenzene	<2.5	<0.50	<0.50	**39**	0.50
Carbon Disulfide	<2.5	<0.50	<0.50	<25	0.50
Carbon Tetrachloride	<2.5	<0.50	<0.50	<25	0.50
Chlorobenzene	<2.5	<0.50	<0.50	<25	0.50
Chloroethane	<2.5	<0.50	<0.50	<25	0.50
Chloroform	<2.5	<0.50	<0.50	<25	0.50
Chloromethane	<2.5	<0.50	<0.50	<25	0.50
2-Chlorotoluene	<2.5	<0.50	<0.50	<25	0.50
4-Chlorotoluene	<2.5	<0.50	<0.50	<25	0.50
1,2-Dibromo-3-chloropropane	<5.0	<1.0	<1.0	<50	1.0
Dibromochloromethane	<2.5	<0.50	<0.50	<25	0.50
1,2-Dibromoethane (EDB)	<2.5	<0.50	<0.50	<25	0.50
Dibromomethane	<2.5	<0.50	<0.50	<25	0.50
1,3-Dichlorobenzene	<2.5	<0.50	<0.50	<25	0.50
1,2-Dichlorobenzene	<2.5	<0.50	<0.50	<25	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/08/08	03/08/08	03/08/08	03/08/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-05	8C13004-06	8C13004-07	8C13004-08	
Client ID No:	BF	BJ	BK	MW-11	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	5	1	1	50	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
1,4-Dichlorobenzene	<2.5	<0.50	<0.50	<25	0.50
Dichlorodifluoromethane (R12)	<2.5	<0.50	<0.50	<25	0.50
1,1-Dichloroethane	<2.5	<0.50	<0.50	<25	0.50
1,2-Dichloroethane (EDC)	<2.5	<0.50	<0.50	<25	0.50
1,1-Dichloroethylene	<2.5	<0.50	<0.50	<25	0.50
trans-1,2-Dichloroethylene	<2.5	<0.50	<0.50	<25	0.50
cis-1,2-Dichloroethylene	<2.5	<0.50	<0.50	<25	0.50
1,2-Dichloropropane	<2.5	<0.50	<0.50	<25	0.50
2,2-Dichloropropane	<2.5	<0.50	<0.50	<25	0.50
1,3-Dichloropropane	<2.5	<0.50	<0.50	<25	0.50
cis-1,3-Dichloropropylene	<2.5	<0.50	<0.50	<25	0.50
trans-1,3-Dichloropropylene	<2.5	<0.50	<0.50	<25	0.50
1,1-Dichloropropylene	<2.5	<0.50	<0.50	<25	0.50
Diisopropyl ether (DIPE)	<10	<2.0	<2.0	<100	2.0
Ethylbenzene	<2.5	<0.50	<0.50	**1600**	0.50
Ethyl-tert-Butyl Ether (ETBE)	<10	<2.0	<2.0	<100	2.0
Gasoline Range Organics (GRO)	**500**	<100	<100	**26000**	100
Hexachlorobutadiene	<5.0	<1.0	<1.0	<50	1.0
2-Hexanone (MBK)	<50	<10	<10	<500	10
Isopropylbenzene	<2.5	<0.50	<0.50	**80**	0.50
4-Isopropyltoluene	<5.0	<1.0	<1.0	<50	1.0
Methyl-tert-Butyl Ether (MTBE)	<10	<2.0	<2.0	<100	2.0
Methylene Chloride	<25	<5.0	<5.0	<250	5.0
4-Methyl-2-pentanone (MIBK)	<50	<10	<10	<500	10
Naphthalene	<10	<2.0	<2.0	**470**	2.0
n-Propylbenzene	<2.5	<0.50	<0.50	**170**	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/08/08	03/08/08	03/08/08	03/08/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-05	8C13004-06	8C13004-07	8C13004-08	
Client ID No:	BF	BJ	BK	MW-11	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	5	1	1	50	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
Styrene	<2.5	<0.50	<0.50	<25	0.50
1,1,1,2-Tetrachloroethane	<2.5	<0.50	<0.50	<25	0.50
1,1,2,2-Tetrachloroethane	<2.5	<0.50	<0.50	<25	0.50
Tetrachloroethylene (PCE)	<2.5	<0.50	<0.50	<25	0.50
Toluene	<2.5	<0.50	<0.50	**340**	0.50
1,2,3-Trichlorobenzene	<2.5	<0.50	<0.50	<25	0.50
1,2,4-Trichlorobenzene	<2.5	<0.50	<0.50	<25	0.50
1,1,1-Trichloroethane	<2.5	<0.50	<0.50	<25	0.50
1,1,2-Trichloroethane	<2.5	<0.50	<0.50	<25	0.50
Trichloroethylene (TCE)	<2.5	<0.50	<0.50	<25	0.50
Trichlorofluoromethane (R11)	<2.5	<0.50	<0.50	<25	0.50
1,2,3-Trichloropropane	<2.5	<0.50	<0.50	<25	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<2.5	<0.50	<0.50	<25	0.50
1,3,5-Trimethylbenzene	<2.5	<0.50	<0.50	**2100**	0.50
1,2,4-Trimethylbenzene	<2.5	<0.50	<0.50	**470**	0.50
Vinyl chloride	<2.5	<0.50	<0.50	<25	0.50
o-Xylene	<2.5	<0.50	<0.50	**750**	0.50
m,p-Xylenes	<5.0	<1.0	<1.0	**6600**	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	98.0%	112%	112%	112%	70-140
Dibromofluoromethane	94.0%	118%	118%	118%	70-140
Toluene-d8	102%	114%	114%	118%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/08/08	03/08/08	03/08/08	03/08/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-09	8C13004-10	8C13004-11	8C13004-12	
Client ID No:	MW-8	MW-9	MW-10	MW-4	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B)					
Acetone	<10	<10	<10	<10	10
tert-Amyl Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<10	<10	<10	<10	10
tert-Butyl alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	**42**	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	**1.7**	0.50
Carbon Disulfide	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/08/08	03/08/08	03/08/08	03/08/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-09	8C13004-10	8C13004-11	8C13004-12	
Client ID No:	MW-8	MW-9	MW-10	MW-4	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	**53**	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Gasoline Range Organics (GRO)	<100	<100	<100	**860**	100
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<10	<10	<10	<10	10
Isopropylbenzene	<0.50	<0.50	<0.50	**11**	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<2.0	<2.0	<2.0	<2.0	2.0
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	<10	<10	10
Naphthalene	<2.0	<2.0	<2.0	**15**	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	**23**	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/08/08	03/08/08	03/08/08	03/08/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-09	8C13004-10	8C13004-11	8C13004-12	
Client ID No:	MW-8	MW-9	MW-10	MW-4	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	**1.2**	**1.3**	**1.2**	**3.9**	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	**17**	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	**61**	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	**27**	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	**180**	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	114%	116%	112%	112%	70-140
Dibromofluoromethane	116%	122%	116%	122%	70-140
Toluene-d8	118%	122%	116%	124%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/08/08	03/08/08	03/08/08	03/09/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-13	8C13004-14	8C13004-15	8C13004-16	
Client ID No:	MW-5	MW-6	EW-16	MW-1	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	20	1	1	100	MRL
8260B+OXY+TPHG (EPA 8260B)					
Acetone	<200	<10	<10	<1000	10
tert-Amyl Methyl Ether (TAME)	<40	<2.0	<2.0	<200	2.0
Benzene	**50**	**3.4**	**100**	**9400**	0.50
Bromobenzene	<10	<0.50	<0.50	<50	0.50
Bromochloromethane	<10	<0.50	<0.50	<50	0.50
Bromodichloromethane	<10	<0.50	<0.50	<50	0.50
Bromoform	<10	<0.50	<0.50	<50	0.50
Bromomethane	<10	<0.50	<0.50	<50	0.50
2-Butanone (MEK)	<200	<10	<10	<1000	10
tert-Butyl alcohol (TBA)	<200	<10	<10	<1000	10
sec-Butylbenzene	**800**	**73**	**2.1**	**790**	0.50
tert-Butylbenzene	<10	<0.50	<0.50	<50	0.50
n-Butylbenzene	**69**	**6.6**	**4.2**	<50	0.50
Carbon Disulfide	<10	<0.50	<0.50	<50	0.50
Carbon Tetrachloride	<10	<0.50	<0.50	<50	0.50
Chlorobenzene	<10	<0.50	<0.50	<50	0.50
Chloroethane	<10	<0.50	<0.50	<50	0.50
Chloroform	<10	<0.50	<0.50	<50	0.50
Chloromethane	<10	<0.50	<0.50	<50	0.50
2-Chlorotoluene	<10	<0.50	<0.50	<50	0.50
4-Chlorotoluene	<10	<0.50	<0.50	<50	0.50
1,2-Dibromo-3-chloropropane	<20	<1.0	<1.0	<100	1.0
Dibromochloromethane	<10	<0.50	<0.50	<50	0.50
1,2-Dibromoethane (EDB)	<10	<0.50	<0.50	<50	0.50
Dibromomethane	<10	<0.50	<0.50	<50	0.50
1,3-Dichlorobenzene	<10	<0.50	<0.50	<50	0.50
1,2-Dichlorobenzene	<10	<0.50	<0.50	<50	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/08/08	03/08/08	03/08/08	03/09/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-13	8C13004-14	8C13004-15	8C13004-16	
Client ID No:	MW-5	MW-6	EW-16	MW-1	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	20	1	1	100	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
1,4-Dichlorobenzene	<10	<0.50	<0.50	<50	0.50
Dichlorodifluoromethane (R12)	<10	<0.50	<0.50	<50	0.50
1,1-Dichloroethane	<10	<0.50	<0.50	<50	0.50
1,2-Dichloroethane (EDC)	<10	<0.50	**1.4**	<50	0.50
1,1-Dichloroethylene	<10	<0.50	<0.50	<50	0.50
trans-1,2-Dichloroethylene	<10	<0.50	<0.50	<50	0.50
cis-1,2-Dichloroethylene	<10	<0.50	<0.50	<50	0.50
1,2-Dichloropropane	<10	<0.50	<0.50	<50	0.50
2,2-Dichloropropane	<10	<0.50	<0.50	<50	0.50
1,3-Dichloropropane	<10	<0.50	<0.50	<50	0.50
cis-1,3-Dichloropropylene	<10	<0.50	<0.50	<50	0.50
trans-1,3-Dichloropropylene	<10	<0.50	<0.50	<50	0.50
1,1-Dichloropropylene	<10	<0.50	<0.50	<50	0.50
Diisopropyl ether (DIPE)	<40	<2.0	<2.0	<200	2.0
Ethylbenzene	**730**	**64**	**0.66**	**1700**	0.50
Ethyl-tert-Butyl Ether (ETBE)	<40	<2.0	<2.0	<200	2.0
Gasoline Range Organics (GRO)	**16000**	**1500**	**820**	**45000**	100
Hexachlorobutadiene	<20	<1.0	<1.0	<100	1.0
2-Hexanone (MBK)	<200	<10	<10	<1000	10
Isopropylbenzene	**120**	**19**	**9.7**	**140**	0.50
4-Isopropyltoluene	**24**	**1.3**	<1.0	<100	1.0
Methyl-tert-Butyl Ether (MTBE)	<40	<2.0	<2.0	<200	2.0
Methylene Chloride	<100	<5.0	<5.0	<500	5.0
4-Methyl-2-pentanone (MIBK)	<200	<10	<10	<1000	10
Naphthalene	**300**	**29**	**14**	**530**	2.0
n-Propylbenzene	**300**	**43**	**5.2**	**320**	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/08/08	03/08/08	03/08/08	03/09/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-13	8C13004-14	8C13004-15	8C13004-16	
Client ID No:	MW-5	MW-6	EW-16	MW-1	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	20	1	1	100	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
Styrene	<10	<0.50	<0.50	<50	0.50
1,1,1,2-Tetrachloroethane	<10	<0.50	<0.50	<50	0.50
1,1,2,2-Tetrachloroethane	<10	<0.50	<0.50	<50	0.50
Tetrachloroethylene (PCE)	<10	<0.50	<0.50	<50	0.50
Toluene	**300**	**11**	**0.71**	**8000**	0.50
1,2,3-Trichlorobenzene	<10	<0.50	<0.50	<50	0.50
1,2,4-Trichlorobenzene	<10	<0.50	<0.50	<50	0.50
1,1,1-Trichloroethane	<10	<0.50	<0.50	<50	0.50
1,1,2-Trichloroethane	<10	<0.50	<0.50	<50	0.50
Trichloroethylene (TCE)	<10	<0.50	<0.50	<50	0.50
Trichlorofluoromethane (R11)	<10	<0.50	<0.50	<50	0.50
1,2,3-Trichloropropane	<10	<0.50	<0.50	<50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<10	<0.50	<0.50	<50	0.50
1,3,5-Trimethylbenzene	**260**	**28**	<0.50	**290**	0.50
1,2,4-Trimethylbenzene	**1200**	**110**	**1.6**	**1100**	0.50
Vinyl chloride	<10	<0.50	<0.50	<50	0.50
o-Xylene	**620**	**54**	<0.50	**1800**	0.50
m,p-Xylenes	**2400**	**200**	**2.1**	**5400**	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	112%	110%	118%	112%	70-140
Dibromofluoromethane	118%	114%	116%	118%	70-140
Toluene-d8	126%	126%	116%	126%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/09/08	03/09/08	03/09/08	03/09/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-17	8C13004-18	8C13004-19	8C13004-20	
Client ID No:	MW-2	EW-14	EW-17	EW-15	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	100	5	100	1	MRL
8260B+OXY+TPHG (EPA 8260B)					
Acetone	<1000	<50	<1000	<10	10
tert-Amyl Methyl Ether (TAME)	<200	<10	<200	<2.0	2.0
Benzene	**10000**	**340**	**7600**	**200**	0.50
Bromobenzene	<50	<2.5	<50	<0.50	0.50
Bromochloromethane	<50	<2.5	<50	<0.50	0.50
Bromodichloromethane	<50	<2.5	<50	<0.50	0.50
Bromoform	<50	<2.5	<50	<0.50	0.50
Bromomethane	<50	<2.5	<50	<0.50	0.50
2-Butanone (MEK)	<1000	<50	<1000	<10	10
tert-Butyl alcohol (TBA)	<1000	<50	<1000	<10	10
sec-Butylbenzene	**650**	<2.5	**570**	**0.52**	0.50
tert-Butylbenzene	<50	<2.5	<50	<0.50	0.50
n-Butylbenzene	<50	<2.5	<50	**1.6**	0.50
Carbon Disulfide	<50	<2.5	<50	<0.50	0.50
Carbon Tetrachloride	<50	<2.5	<50	<0.50	0.50
Chlorobenzene	<50	<2.5	<50	<0.50	0.50
Chloroethane	<50	<2.5	<50	<0.50	0.50
Chloroform	<50	<2.5	<50	<0.50	0.50
Chloromethane	<50	<2.5	<50	<0.50	0.50
2-Chlorotoluene	<50	<2.5	<50	<0.50	0.50
4-Chlorotoluene	<50	<2.5	<50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<100	<5.0	<100	<1.0	1.0
Dibromochloromethane	<50	<2.5	<50	<0.50	0.50
1,2-Dibromoethane (EDB)	<50	<2.5	<50	<0.50	0.50
Dibromomethane	<50	<2.5	<50	<0.50	0.50
1,3-Dichlorobenzene	<50	<2.5	<50	<0.50	0.50
1,2-Dichlorobenzene	<50	<2.5	<50	<0.50	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/09/08	03/09/08	03/09/08	03/09/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-17	8C13004-18	8C13004-19	8C13004-20	
Client ID No:	MW-2	EW-14	EW-17	EW-15	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	100	5	100	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
1,4-Dichlorobenzene	<50	<2.5	<50	<0.50	0.50
Dichlorodifluoromethane (R12)	<50	<2.5	<50	<0.50	0.50
1,1-Dichloroethane	<50	<2.5	<50	<0.50	0.50
1,2-Dichloroethane (EDC)	<50	<2.5	<50	<0.50	0.50
1,1-Dichloroethylene	<50	<2.5	<50	<0.50	0.50
trans-1,2-Dichloroethylene	<50	<2.5	<50	<0.50	0.50
cis-1,2-Dichloroethylene	<50	<2.5	<50	<0.50	0.50
1,2-Dichloropropane	<50	<2.5	<50	<0.50	0.50
2,2-Dichloropropane	<50	<2.5	<50	<0.50	0.50
1,3-Dichloropropane	<50	<2.5	<50	<0.50	0.50
cis-1,3-Dichloropropylene	<50	<2.5	<50	<0.50	0.50
trans-1,3-Dichloropropylene	<50	<2.5	<50	<0.50	0.50
1,1-Dichloropropylene	<50	<2.5	<50	<0.50	0.50
Diisopropyl ether (DIPE)	<200	<10	<200	<2.0	2.0
Ethylbenzene	**1100**	**19**	**1100**	**52**	0.50
Ethyl-tert-Butyl Ether (ETBE)	<200	<10	<200	<2.0	2.0
Gasoline Range Organics (GRO)	**37000**	**1200**	**31000**	**1600**	100
Hexachlorobutadiene	<100	<5.0	<100	<1.0	1.0
2-Hexanone (MBK)	<1000	<50	<1000	<10	10
Isopropylbenzene	**110**	<2.5	**67**	**2.8**	0.50
4-Isopropyltoluene	<100	<5.0	<100	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<200	<10	<200	<2.0	2.0
Methylene Chloride	<500	<25	<500	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<1000	<50	<1000	<10	10
Naphthalene	**360**	**20**	**310**	**12**	2.0
n-Propylbenzene	**240**	<2.5	**140**	**5.8**	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/09/08	03/09/08	03/09/08	03/09/08	
Date Prepared:	03/19/08	03/19/08	03/19/08	03/19/08	
Date Analyzed:	03/19/08	03/19/08	03/19/08	03/19/08	
AA ID No:	8C13004-17	8C13004-18	8C13004-19	8C13004-20	
Client ID No:	MW-2	EW-14	EW-17	EW-15	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	100	5	100	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
Styrene	<50	<2.5	<50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<50	<2.5	<50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<50	<2.5	<50	<0.50	0.50
Tetrachloroethylene (PCE)	<50	<2.5	<50	<0.50	0.50
Toluene	**5500**	**80**	**4500**	**70**	0.50
1,2,3-Trichlorobenzene	<50	<2.5	<50	<0.50	0.50
1,2,4-Trichlorobenzene	<50	<2.5	<50	<0.50	0.50
1,1,1-Trichloroethane	<50	<2.5	<50	<0.50	0.50
1,1,2-Trichloroethane	<50	<2.5	<50	<0.50	0.50
Trichloroethylene (TCE)	<50	<2.5	<50	<0.50	0.50
Trichlorofluoromethane (R11)	<50	<2.5	<50	<0.50	0.50
1,2,3-Trichloropropane	<50	<2.5	<50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<50	<2.5	<50	<0.50	0.50
1,3,5-Trimethylbenzene	**270**	**2.8**	**170**	**26**	0.50
1,2,4-Trimethylbenzene	**960**	**16**	**830**	**81**	0.50
Vinyl chloride	<50	<2.5	<50	<0.50	0.50
o-Xylene	**1000**	**48**	**980**	**130**	0.50
m,p-Xylenes	**3800**	**30**	**3500**	**200**	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	112%	98.0%	112%	92.0%	70-140
Dibromofluoromethane	114%	94.0%	122%	96.0%	70-140
Toluene-d8	126%	100%	124%	100%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/09/08	03/09/08	
Date Prepared:	03/19/08	03/19/08	
Date Analyzed:	03/20/08	03/20/08	
AA ID No:	8C13004-21	8C13004-22	
Client ID No:	MW-3	EW-13	
Matrix:	Water	Water	
Dilution Factor:	10	200	MRL
8260B+OXY+TPHG (EPA 8260B)			
Acetone	<100	<2000	10
tert-Amyl Methyl Ether (TAME)	<20	<400	2.0
Benzene	**1300**	**11000**	0.50
Bromobenzene	<5.0	<100	0.50
Bromochloromethane	<5.0	<100	0.50
Bromodichloromethane	<5.0	<100	0.50
Bromoform	<5.0	<100	0.50
Bromomethane	<5.0	<100	0.50
2-Butanone (MEK)	<100	<2000	10
tert-Butyl alcohol (TBA)	<100	<2000	10
sec-Butylbenzene	**11**	<100	0.50
tert-Butylbenzene	<5.0	<100	0.50
n-Butylbenzene	**9.3**	<100	0.50
Carbon Disulfide	<5.0	<100	0.50
Carbon Tetrachloride	<5.0	<100	0.50
Chlorobenzene	<5.0	<100	0.50
Chloroethane	<5.0	<100	0.50
Chloroform	<5.0	<100	0.50
Chloromethane	<5.0	<100	0.50
2-Chlorotoluene	<5.0	<100	0.50
4-Chlorotoluene	<5.0	<100	0.50
1,2-Dibromo-3-chloropropane	<10	<200	1.0
Dibromochloromethane	<5.0	<100	0.50
1,2-Dibromoethane (EDB)	<5.0	<100	0.50
Dibromomethane	<5.0	<100	0.50
1,3-Dichlorobenzene	<5.0	<100	0.50
1,2-Dichlorobenzene	<5.0	<100	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/09/08	03/09/08	
Date Prepared:	03/19/08	03/19/08	
Date Analyzed:	03/20/08	03/20/08	
AA ID No:	8C13004-21	8C13004-22	
Client ID No:	MW-3	EW-13	
Matrix:	Water	Water	
Dilution Factor:	10	200	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)			
1,4-Dichlorobenzene	<5.0	<100	0.50
Dichlorodifluoromethane (R12)	<5.0	<100	0.50
1,1-Dichloroethane	<5.0	<100	0.50
1,2-Dichloroethane (EDC)	<5.0	<100	0.50
1,1-Dichloroethylene	<5.0	<100	0.50
trans-1,2-Dichloroethylene	<5.0	<100	0.50
cis-1,2-Dichloroethylene	<5.0	<100	0.50
1,2-Dichloropropane	<5.0	<100	0.50
2,2-Dichloropropane	<5.0	<100	0.50
1,3-Dichloropropane	<5.0	<100	0.50
cis-1,3-Dichloropropylene	<5.0	<100	0.50
trans-1,3-Dichloropropylene	<5.0	<100	0.50
1,1-Dichloropropylene	<5.0	<100	0.50
Diisopropyl ether (DIPE)	<20	<400	2.0
Ethylbenzene	**170**	**3500**	0.50
Ethyl-tert-Butyl Ether (ETBE)	<20	<400	2.0
Gasoline Range Organics (GRO)	**7300**	**120000**	100
Hexachlorobutadiene	<10	<200	1.0
2-Hexanone (MBK)	<100	<2000	10
Isopropylbenzene	**75**	<100	0.50
4-Isopropyltoluene	<10	<200	1.0
Methyl-tert-Butyl Ether (MTBE)	<20	<400	2.0
Methylene Chloride	<50	<1000	5.0
4-Methyl-2-pentanone (MIBK)	<100	<2000	10
Naphthalene	**160**	**700**	2.0
n-Propylbenzene	**110**	**220**	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08
Units: ug/L

Date Sampled:	03/09/08	03/09/08	
Date Prepared:	03/19/08	03/19/08	
Date Analyzed:	03/20/08	03/20/08	
AA ID No:	8C13004-21	8C13004-22	
Client ID No:	MW-3	EW-13	
Matrix:	Water	Water	
Dilution Factor:	10	200	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)			
Styrene	<5.0	<100	0.50
1,1,1,2-Tetrachloroethane	<5.0	<100	0.50
1,1,2,2-Tetrachloroethane	<5.0	<100	0.50
Tetrachloroethylene (PCE)	<5.0	<100	0.50
Toluene	**120**	**40000**	0.50
1,2,3-Trichlorobenzene	<5.0	<100	0.50
1,2,4-Trichlorobenzene	<5.0	<100	0.50
1,1,1-Trichloroethane	<5.0	<100	0.50
1,1,2-Trichloroethane	<5.0	<100	0.50
Trichloroethylene (TCE)	<5.0	<100	0.50
Trichlorofluoromethane (R11)	<5.0	<100	0.50
1,2,3-Trichloropropane	<5.0	<100	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	<100	0.50
1,3,5-Trimethylbenzene	**18**	**440**	0.50
1,2,4-Trimethylbenzene	**84**	**1700**	0.50
Vinyl chloride	<5.0	<100	0.50
o-Xylene	**130**	**5900**	0.50
m,p-Xylenes	**730**	**14000**	1.0
Surrogates			**%REC Limits**
4-Bromofluorobenzene	96.6%	101%	70-140
Dibromofluoromethane	92.3%	90.4%	70-140
Toluene-d8	101%	94.3%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8C1903 - EPA 5030B										
Blank (B8C1903-BLK1)				Prepared & Analyzed: 03/19/08						
Acetone	<10	10	ug/L							
tert-Amyl Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<10	10	ug/L							
tert-Butyl alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

AA Project No: A57223
Date Received: 03/13/08
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8C1903 - EPA 5030B										
Blank (B8C1903-BLK1) Continued				Prepared & Analyzed: 03/19/08						
1,1-Dichloroethylene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Gasoline Range Organics (GRO)	<100	100	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<10	10	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<10	10	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							

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Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

AA Project No: A57223
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8C1903 - EPA 5030B										
Blank (B8C1903-BLK1) Continued				Prepared & Analyzed: 03/19/08						
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*56.7*		*ug/L*	*50*		*113*	*70-140*			
Surrogate: Dibromofluoromethane	*56.8*		*ug/L*	*50*		*114*	*70-140*			
Surrogate: Toluene-d8	*57.9*		*ug/L*	*50*		*116*	*70-140*			
LCS (B8C1903-BS1)				Prepared & Analyzed: 03/19/08						
Benzene	**21.8**	0.50	ug/L	20		109	75-125			
Bromodichloromethane	**21.3**	0.50	ug/L	20		106	75-125			
Bromoform	**18.2**	0.50	ug/L	20		91.0	75-125			
Carbon Tetrachloride	**22.6**	0.50	ug/L	20		113	75-125			
Chlorobenzene	**18.8**	0.50	ug/L	20		94.0	75-125			
Chloroethane	**18.1**	0.50	ug/L	20		90.5	75-125			
Chloroform	**23.2**	0.50	ug/L	20		116	75-125			
Chloromethane	**19.0**	0.50	ug/L	20		95.0	65-125			
Dibromochloromethane	**16.9**	0.50	ug/L	20		84.5	75-125			
1,4-Dichlorobenzene	**19.6**	0.50	ug/L	20		98.0	75-125			
1,1-Dichloroethane	**22.7**	0.50	ug/L	20		114	70-125			
1,2-Dichloroethane (EDC)	**22.4**	0.50	ug/L	20		112	75-125			
1,1-Dichloroethylene	**17.6**	0.50	ug/L	20		88.0	70-130			
trans-1,2-Dichloroethylene	**20.0**	0.50	ug/L	20		100	75-125			
cis-1,2-Dichloroethylene	**20.7**	0.50	ug/L	20		104	75-125			
1,2-Dichloropropane	**21.4**	0.50	ug/L	20		107	75-130			
cis-1,3-Dichloropropylene	**20.1**	0.50	ug/L	20		100	75-125			

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LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8C1903 - EPA 5030B										
LCS (B8C1903-BS1) Continued				Prepared & Analyzed: 03/19/08						
Ethylbenzene	**20.6**	0.50	ug/L	20		103	75-125			
Methyl-tert-Butyl Ether (MTBE)	**21.6**	2.0	ug/L	20		108	75-125			
Methylene Chloride	**20.5**	5.0	ug/L	20		102	75-130			
1,1,2,2-Tetrachloroethane	**20.9**	0.50	ug/L	20		104	70-135			
Tetrachloroethylene (PCE)	**18.0**	0.50	ug/L	20		90.0	75-125			
Toluene	**18.1**	0.50	ug/L	20		90.5	75-125			
1,1,1-Trichloroethane	**22.7**	0.50	ug/L	20		114	75-125			
1,1,2-Trichloroethane	**18.6**	0.50	ug/L	20		93.0	75-125			
Trichloroethylene (TCE)	**20.1**	0.50	ug/L	20		100	75-125			
Vinyl chloride	**24.0**	0.50	ug/L	20		120	75-125			
o-Xylene	**19.6**	0.50	ug/L	20		98.0	75-125			
Surrogate: 4-Bromofluorobenzene	*54.3*		*ug/L*	*50*		*109*	*70-140*			
Surrogate: Dibromofluoromethane	*55.1*		*ug/L*	*50*		*110*	*70-140*			
Surrogate: Toluene-d8	*50.5*		*ug/L*	*50*		*101*	*70-140*			
Matrix Spike (B8C1903-MS1)			**Source: 8C13004-06**	Prepared & Analyzed: 03/19/08						
Benzene	**22.4**	0.50	ug/L	20	<0.50	112	70-130			
Bromoform	**18.5**	0.50	ug/L	20	<0.50	92.5	70-130			
Chlorobenzene	**18.4**	0.50	ug/L	20	<0.50	92.0	70-130			
Chloroform	**23.8**	0.50	ug/L	20	<0.50	119	70-130			
1,1-Dichloroethane	**23.1**	0.50	ug/L	20	<0.50	116	70-130			
1,1-Dichloroethylene	**17.8**	0.50	ug/L	20	<0.50	89.0	70-130			
cis-1,2-Dichloroethylene	**21.2**	0.50	ug/L	20	<0.50	106	70-130			
1,2-Dichloropropane	**23.1**	0.50	ug/L	20	<0.50	116	70-130			
Ethylbenzene	**20.2**	0.50	ug/L	20	<0.50	101	70-130			
Methyl-tert-Butyl Ether (MTBE)	**21.3**	2.0	ug/L	20	<2.0	106	70-130			
n-Propylbenzene	**23.5**	0.50	ug/L	20	<0.50	118	70-130			
Tetrachloroethylene (PCE)	**17.7**	0.50	ug/L	20	<0.50	88.5	70-130			
Toluene	**19.1**	0.50	ug/L	20	<0.50	95.5	70-130			
1,1,1-Trichloroethane	**23.1**	0.50	ug/L	20	<0.50	116	70-130			
Trichloroethylene (TCE)	**20.9**	0.50	ug/L	20	<0.50	104	70-130			
1,3,5-Trimethylbenzene	**23.0**	0.50	ug/L	20	<0.50	115	70-130			

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LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

AA Project No: A57223
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8C1903 - EPA 5030B										
Matrix Spike (B8C1903-MS1) Continued Source: 8C13004-06 Prepared & Analyzed: 03/19/08										
Vinyl chloride	**24.2**	0.50	ug/L	20	<0.50	121	70-130			
Surrogate: 4-Bromofluorobenzene	*56.7*		*ug/L*	*50*		*113*	*70-140*			
Surrogate: Dibromofluoromethane	*56.5*		*ug/L*	*50*		*113*	*70-140*			
Surrogate: Toluene-d8	*56.4*		*ug/L*	*50*		*113*	*70-140*			
Matrix Spike Dup (B8C1903-MSD1) **Source: 8C13004-06** Prepared & Analyzed: 03/19/08										
Benzene	**22.8**	0.50	ug/L	20	<0.50	114	70-130	1.77	30	
Bromoform	**18.7**	0.50	ug/L	20	<0.50	93.5	70-130	1.08	30	
Chlorobenzene	**18.8**	0.50	ug/L	20	<0.50	94.0	70-130	2.15	30	
Chloroform	**24.3**	0.50	ug/L	20	<0.50	122	70-130	2.08	30	
1,1-Dichloroethane	**23.8**	0.50	ug/L	20	<0.50	119	70-130	2.99	30	
1,1-Dichloroethylene	**18.2**	0.50	ug/L	20	<0.50	91.0	70-130	2.22	30	
cis-1,2-Dichloroethylene	**21.5**	0.50	ug/L	20	<0.50	108	70-130	1.41	30	
1,2-Dichloropropane	**23.1**	0.50	ug/L	20	<0.50	116	70-130	0.00	30	
Ethylbenzene	**20.4**	0.50	ug/L	20	<0.50	102	70-130	0.985	30	
Methyl-tert-Butyl Ether (MTBE)	**21.5**	2.0	ug/L	20	<2.0	108	70-130	0.935	30	
n-Propylbenzene	**22.7**	0.50	ug/L	20	<0.50	114	70-130	3.46	30	
Tetrachloroethylene (PCE)	**18.1**	0.50	ug/L	20	<0.50	90.5	70-130	2.23	30	
Toluene	**18.5**	0.50	ug/L	20	<0.50	92.5	70-130	3.19	30	
1,1,1-Trichloroethane	**23.3**	0.50	ug/L	20	<0.50	116	70-130	0.862	30	
Trichloroethylene (TCE)	**20.8**	0.50	ug/L	20	<0.50	104	70-130	0.480	30	
1,3,5-Trimethylbenzene	**21.3**	0.50	ug/L	20	<0.50	106	70-130	7.67	30	
Vinyl chloride	**24.5**	0.50	ug/L	20	<0.50	122	70-130	1.23	30	
Surrogate: 4-Bromofluorobenzene	*54.8*		*ug/L*	*50*		*110*	*70-140*			
Surrogate: Dibromofluoromethane	*56.6*		*ug/L*	*50*		*113*	*70-140*			
Surrogate: Toluene-d8	*51.8*		*ug/L*	*50*		*104*	*70-140*			
Batch B8C1906 - EPA 5030B										
Blank (B8C1906-BLK1) Prepared & Analyzed: 03/19/08										
Acetone	<10	10	ug/L							
tert-Amyl Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							

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Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

AA Project No: A57223
Date Received: 03/13/08
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8C1906 - EPA 5030B										
Blank (B8C1906-BLK1) Continued				Prepared & Analyzed: 03/19/08						
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<10	10	ug/L							
tert-Butyl alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							

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LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8C1906 - EPA 5030B										
Blank (B8C1906-BLK1) Continued				Prepared & Analyzed: 03/19/08						
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethanol	<200	200	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Gasoline Range Organics (GRO)	<100	100	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<10	10	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<10	10	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							

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LABORATORY ANALYSIS RESULTS

Client: Chun
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Project Name: Chun

AA Project No: A57223
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8C1906 - EPA 5030B										
Blank (B8C1906-BLK1) Continued				Prepared & Analyzed: 03/19/08						
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*48.5*		*ug/L*	*50*		*97.0*	*70-140*			
Surrogate: Dibromofluoromethane	*44.7*		*ug/L*	*50*		*89.4*	*70-140*			
Surrogate: Toluene-d8	*50.2*		*ug/L*	*50*		*100*	*70-140*			
LCS (B8C1906-BS1)				Prepared & Analyzed: 03/19/08						
Benzene	**20.5**	0.50	ug/L	20		103	75-125			
Bromodichloromethane	**20.4**	0.50	ug/L	20		102	75-125			
Bromoform	**22.0**	0.50	ug/L	20		110	75-125			
Carbon Tetrachloride	**18.4**	0.50	ug/L	20		92.1	75-125			
Chlorobenzene	**18.5**	0.50	ug/L	20		92.6	75-125			
Chloroethane	**18.8**	0.50	ug/L	20		93.8	75-125			
Chloroform	**18.2**	0.50	ug/L	20		90.8	75-125			
Chloromethane	**17.7**	0.50	ug/L	20		88.4	65-125			
Dibromochloromethane	**21.0**	0.50	ug/L	20		105	75-125			
1,4-Dichlorobenzene	**21.3**	0.50	ug/L	20		107	75-125			
1,1-Dichloroethane	**21.3**	0.50	ug/L	20		106	70-125			
1,2-Dichloroethane (EDC)	**20.0**	0.50	ug/L	20		100	75-125			
1,1-Dichloroethylene	**16.9**	0.50	ug/L	20		84.6	70-130			
trans-1,2-Dichloroethylene	**18.1**	0.50	ug/L	20		90.6	75-125			
cis-1,2-Dichloroethylene	**19.1**	0.50	ug/L	20		95.6	75-125			
1,2-Dichloropropane	**25.8**	0.50	ug/L	20		129	75-130			
cis-1,3-Dichloropropylene	**21.7**	0.50	ug/L	20		108	75-125			
Ethylbenzene	**19.4**	0.50	ug/L	20		97.0	75-125			
Methyl-tert-Butyl Ether (MTBE)	**22.6**	2.0	ug/L	20		113	75-125			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8C1906 - EPA 5030B										
LCS (B8C1906-BS1) Continued				Prepared & Analyzed: 03/19/08						
Methylene Chloride	**17.3**	5.0	ug/L	20		86.4	75-130			
1,1,2,2-Tetrachloroethane	**26.4**	0.50	ug/L	20		132	70-135			
Tetrachloroethylene (PCE)	**17.7**	0.50	ug/L	20		88.7	75-125			
Toluene	**18.7**	0.50	ug/L	20		93.4	75-125			
1,1,1-Trichloroethane	**16.2**	0.50	ug/L	20		81.2	75-125			
1,1,2-Trichloroethane	**21.6**	0.50	ug/L	20		108	75-125			
Trichloroethylene (TCE)	**19.8**	0.50	ug/L	20		99.2	75-125			
Vinyl chloride	**20.9**	0.50	ug/L	20		104	75-125			
o-Xylene	**20.6**	0.50	ug/L	20		103	75-125			
Surrogate: 4-Bromofluorobenzene	*48.9*		*ug/L*	*50*		*97.8*	*70-140*			
Surrogate: Dibromofluoromethane	*48.8*		*ug/L*	*50*		*97.6*	*70-140*			
Surrogate: Toluene-d8	*49.0*		*ug/L*	*50*		*98.0*	*70-140*			
Matrix Spike (B8C1906-MS1)			**Source: 8C13011-17**	Prepared & Analyzed: 03/19/08						
Benzene	**21.4**	0.50	ug/L	20	<0.50	107	70-130			
Bromoform	**19.0**	0.50	ug/L	20	<0.50	95.2	70-130			
Chlorobenzene	**18.1**	0.50	ug/L	20	<0.50	90.6	70-130			
Chloroform	**18.8**	0.50	ug/L	20	<0.50	94.2	70-130			
1,1-Dichloroethane	**21.3**	0.50	ug/L	20	<0.50	106	70-130			
1,1-Dichloroethylene	**17.0**	0.50	ug/L	20	<0.50	84.8	70-130			
cis-1,2-Dichloroethylene	**18.0**	0.50	ug/L	20	<0.50	90.2	70-130			
1,2-Dichloropropane	**25.5**	0.50	ug/L	20	<0.50	128	70-130			
Ethylbenzene	**19.4**	0.50	ug/L	20	<0.50	96.9	70-130			
Methyl-tert-Butyl Ether (MTBE)	**21.9**	2.0	ug/L	20	<2.0	110	70-130			
n-Propylbenzene	**18.9**	0.50	ug/L	20	<0.50	94.7	70-130			
Tetrachloroethylene (PCE)	**17.7**	0.50	ug/L	20	<0.50	88.4	70-130			
Toluene	**19.4**	0.50	ug/L	20	<0.50	97.1	70-130			
1,1,1-Trichloroethane	**17.5**	0.50	ug/L	20	<0.50	87.5	70-130			
Trichloroethylene (TCE)	**21.3**	0.50	ug/L	20	<0.50	106	70-130			
1,3,5-Trimethylbenzene	**18.1**	0.50	ug/L	20	<0.50	90.6	70-130			
Vinyl chloride	**22.5**	0.50	ug/L	20	<0.50	113	70-130			
Surrogate: 4-Bromofluorobenzene	*48.6*		*ug/L*	*50*		*97.2*	*70-140*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8C1906 - EPA 5030B										
Matrix Spike (B8C1906-MS1) Continued Source: 8C13011-17 Prepared & Analyzed: 03/19/08										
Surrogate: Dibromofluoromethane	*49.9*		*ug/L*	*50*		*99.8*	*70-140*			
Surrogate: Toluene-d8	*49.4*		*ug/L*	*50*		*98.9*	*70-140*			
Matrix Spike Dup (B8C1906-MSD1) **Source: 8C13011-17** Prepared & Analyzed: 03/19/08										
Benzene	**21.6**	0.50	ug/L	20	<0.50	108	70-130	1.02	30	
Bromoform	**19.9**	0.50	ug/L	20	<0.50	99.6	70-130	4.57	30	
Chlorobenzene	**18.6**	0.50	ug/L	20	<0.50	93.2	70-130	2.83	30	
Chloroform	**18.6**	0.50	ug/L	20	<0.50	93.0	70-130	1.28	30	
1,1-Dichloroethane	**21.8**	0.50	ug/L	20	<0.50	109	70-130	2.23	30	
1,1-Dichloroethylene	**16.7**	0.50	ug/L	20	<0.50	83.6	70-130	1.43	30	
cis-1,2-Dichloroethylene	**19.5**	0.50	ug/L	20	<0.50	97.5	70-130	7.83	30	
1,2-Dichloropropane	**24.8**	0.50	ug/L	20	<0.50	124	70-130	2.90	30	
Ethylbenzene	**20.1**	0.50	ug/L	20	<0.50	100	70-130	3.55	30	
Methyl-tert-Butyl Ether (MTBE)	**19.8**	2.0	ug/L	20	<2.0	98.8	70-130	10.2	30	
n-Propylbenzene	**19.4**	0.50	ug/L	20	<0.50	97.0	70-130	2.40	30	
Tetrachloroethylene (PCE)	**18.6**	0.50	ug/L	20	<0.50	93.0	70-130	5.07	30	
Toluene	**19.7**	0.50	ug/L	20	<0.50	98.4	70-130	1.33	30	
1,1,1-Trichloroethane	**18.0**	0.50	ug/L	20	<0.50	89.8	70-130	2.59	30	
Trichloroethylene (TCE)	**20.9**	0.50	ug/L	20	<0.50	104	70-130	1.99	30	
1,3,5-Trimethylbenzene	**18.2**	0.50	ug/L	20	<0.50	91.0	70-130	0.495	30	
Vinyl chloride	**22.2**	0.50	ug/L	20	<0.50	111	70-130	1.48	30	
Surrogate: 4-Bromofluorobenzene	*48.4*		*ug/L*	*50*		*96.8*	*70-140*			
Surrogate: Dibromofluoromethane	*48.9*		*ug/L*	*50*		*97.8*	*70-140*			
Surrogate: Toluene-d8	*49.3*		*ug/L*	*50*		*98.6*	*70-140*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Chun
Project No: NA
Project Name: Chun

AA Project No: A57223
Date Received: 03/13/08
Date Reported: 03/31/08

Special Notes

Viorel Vasile
Operations Manager

Franklin J. Goldman
PO BOX 59, Sonoma, CA 95476
FJGoldmanCHG@yahoo.com
FAX: (949) 606-8711
Cell: (707) 694-1375

CHAIN OF CUSTODY RECORD

A57223 / 8C13004 #104661

Laboratory Analysis P.O. No.
Laboratory Please Call Accounts Payable for P.O. No.
Date: 3/11/08 Sheet 1 Of 2

Project Name: Chun
Project Number:
Address: 2301 Santa Clara, Alameda, CA
Sampler's Name: Frank Goldman
Sampler's Signature: Franklin Goldman

American Analytics
9765 Eton Ave
Chatsworth, CA 91311
Phone: (818) 998-5547

Phone

Turnaround Time: ☐ Rush ☐ 24 Hour ☐ 48 Hour ☒ 5-Day

Repeat to: Frank

Sample Number	Location	Date	Time	8260b & Methane 5VOAs (HCL)	8260 BTEX + MTBE	Metals & Iodine with HNO3	Sulfide with NaOH preservative	TOC with H2SO4 preservative	Alkalinity, Bromide, Chloride, Fluoride, Sulfate, Nitrate, TDS	Ferrous Iron two Amber VOAs	Oxygenates, Lead Scavengers, Naphthalene, Trimethylbenzenes	WATER SAMPLE	Comments
BL		03/07/08	2:30 PM		X						X	X	8C13004-01
BH			3:45 PM										-02
BM			4:55 PM										-03
BG		03/08/08	7:40 AM										-04
BF			8:35 AM										-05
BJ			9:10 AM										-06
Bk			9:50 AM										-07 Time: 10:35AM
MW-11			10:35 AM										-08
MW-8			12:10 PM										-09
MW-9			12:50 PM										-10

Relinquished By	Date	Time	Received By	Date	Time
Franklin Goldman FedEx	3/11/08	5:15 PM	Fedex	3/11/08	5:15 PM
			L Colon	3/12/8	10:35
Dispatched By	Date	Time	Received in Lab By	Date	Time

Total Number of Containers this Sheet:
Method of Shipment:
Special Shipment/Handling or Storage Requirements: Keep on Ice

3/13/08 1050

Franklin J. Goldman
PO BOX 59, Sonoma, CA 95476
FJGoldmanCHG@yahoo.com
FAX: (949) 606-8711
Cell: (707) 694-1375

A57223/8C13004

CHAIN OF CUSTODY RECORD

Laboratory Analysis P.O. No.
Laboratory Please Call Accounts Payable for P.O. No.
#104662 Date: 3/11/08 Sheet 2 of 3

Project Name: Chun
Project Number:
Address: 2301 Santa Clara, Alameda, CA
Sampler's Name: Frank Goldman
Sampler's Signature: [signature]

American Analytics
9765 Eton Ave
Chatsworth, CA 91311
Phone: (818) 998-5547

Turnaround Time: ☐ Rush ☐ 24 Hour ☐ 48 Hour ☒ 5-Day
Repeat to: Frank

Sample Number / Location	Date	Time	8260b & Methane 5VOAs (HCL)	GRO BTEX MTBE	Metals & Iodine with HNO3		Sulfide with NaOH preservative		TOC with H2SO4 preservative			Alkalinity, Bromide, Chloride, Fluoride, Sulfate, Nitrate, TDS		Ferrous Iron two Amber VOAs	Oxygenates, Lead Scavengers, Naphthalene, Trimethylbenzenes	WATER SAMPLE		Comments
MW-10	03/08/08	1:10 PM		X											X	X		-11
MW-4	03/08/08	2:35 PM		↓											↓	↓		-12
MW-5	↓	3:25 PM																-13
MW-6		4:15 PM																-14
EW-16	↓	5:35 PM																-15
MW-1	03/09/08	8:15 AM																-16
MW-2	03/09/08	9:10 AM																-17 Time: 10:35 AM
EW-14		10:00 AM																-18
EW-17		11:05 AM																-19
~~MW-13~~ EW-15	↓	12:15 PM		↓											↓	↓		-20

Relinquished By	Date	Time	Received By	Date	Time
[signature]	3/11/08	5:15 PM	FedEx	3/11/08	5:15 PM
FedEx			[signature]	3/12/08	10:35
Dispatched By	**Date**	**Time**	**Received in Lab By**	**Date**	**Time**

Total Number of Containers this Sheet:
Method of Shipment: 3/13/08 1050
Special Shipment/Handling or Storage Requirements: Keep on Ice

Franklin J. Goldman
PO BOX 59, Sonoma, CA 95476
FJGoldmanCHG@yahoo.com
FAX: (949) 606-8711
Cell: (707) 694-1375

A57223/8C13004

CHAIN OF CUSTODY RECORD

Laboratory Analysis P.O. No. #104663

Laboratory Please Call Accounts Payable for P.O. No.

Date: 3/11/08 Sheet 3 of 3

Project Name: Chun

Project Number:

Address: 2301 SANTA CLARA ALAMEDA, CA 94501

Sampler's Name: Frank Goldman

Sampler's Signature: Franklin J. Goldman

Sample Number	Location	Date	Time
MW-3		03/09/08	1:40 PM
EW-13		03/09/08	2:50 PM

Parameters

Sample Number	TPH as Gasoline 8015	TPH as Diesel 8015	TPH-g/BTEX 8015/8020 & MTBE	BTEX & EPA 8020	Oil and Grease 5520	Volitile Organics (8010)	CAM Metals (17)	Pr. Pollutant Metals (13)	Base/Neu/Acids (Organic)	Pesticides 8140/8141	Method 8260b for 5 oxygenates & 2 lead scavengers	GRO BTEX MTBE	Bulk density, moisture, porosity	fraction of organic carbon	WATER SAMPLE
MW-3												X		X	X
EW-13												X		X	X

American Analytics
9765 Eton Ave
Chatsworth, CA 91311
Phone: (818) 998-5547

Phone

Turnaround Time

☐ Rush ☐ 24 Hour ☐ 48 Hour ☒ 5-Day

Repeat to: Frank

Comments

-21

-22

Time: 10:35AM

Relinquished By	Date	Time
Franklin J. Goldman (FEDEX)	3/11/08	5:45 PM
Dispatched By	Date	Time

Received By	Date	Time
Fedex	3/11/08	5:45 PM
	3/11/08	10:35
Received in Lab By	Date	Time

Total Number of Containers this Sheet: 10

Method of Shipment: 3/12/08

Special Shipment/Handling or Storage Requirements: N

Keep on Ice