# GROUNDWATER MONITORING REPORT – FOURTH QUARTER 2008

## CREDIT WORLD AUTO SALES
## 2345 INTERNATIONAL BOULEVARD (FORMERLY E. 14TH STREET)
## OAKLAND, CALIFORNIA

**AGENCY CASE NO. RO0000327**

**Prepared by:**
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## 1.0 INTRODUCTION

On behalf of Messrs. Stanley and Aaron Wong, Conestoga-Rovers & Associates (CRA) presents this *Groundwater Monitoring Report – Fourth Quarter 2008* for the Credit World Auto Sales site (Figure 1), Fuel Leak Case No. RO0000327. In this report are a summary of fourth quarter 2008 activities and anticipated first quarter 2009 activities.

### 1.1 SITE INFORMATION

| | |
|---|---|
| **Site Address** | 2345 International Boulevard,<br>(formerly E. 14th Street)<br>Oakland, CA |
| **Site Use** | Credit World Auto Sales |
| **Client and Contact** | Aaron and Stanley Wong |
| **Consultant and Contact Person** | CRA, Mark Jonas, P.G. |
| **Lead Agency and Contact Person** | Alameda County Environmental Health<br>Jerry Wickham, P.G. |

During the fourth quarter of 2008, monthly measurements for separate phase hydrocarbons (SPH) were performed and quarterly groundwater samples were collected December 8-9, 2008. Monthly and quarterly groundwater levels were also collected. Tables 2 and 3 present water level and SPH measurements, respectively. During the fourth quarter 2008, groundwater levels and any SPH were measured on October 23, November 26, and December 8, 2008. For each of these three monitoring events, groundwater elevations are contoured on Figures 2, 3, and 4, respectively. CRA's standard field procedures are presented as Appendix A and field data sheets for these monitoring events are in Appendix C. Including the fourth quarter 2008 data, only a sheen or a small amount of SPH has been encountered periodically in a few of the wells since September 2005. Since thickness of SPH (thicker than 0.01 feet) has not been measurable since August 2005, we recommend discontinuing the monthly SPH monitoring and removal events and continuing with a quarterly SPH monitoring and removal schedule. The December 8-9, 2008 quarterly groundwater monitoring event is presented in the following section.

Table 1 contains well construction details. Table 2 contains recent and historic groundwater elevation and analytical data, with SPH measurements. Table 3 is a summary of SPH measurements and volume removed. Appendix A presents CRA's standard field procedures for groundwater monitoring and sampling. Appendix B presents the analytical laboratory report from the December 8-9, 2008 groundwater sampling event. Appendix C contains field data sheets for the fourth quarter 2008 monthly events.

## 2.0 SITE ACTIVITIES AND RESULTS

### 2.1 CURRENT QUARTER'S ACTIVITIES

On October 23, November 26, and December 8, 2008, CRA coordinated with Muskan Environmental Sampling (MES) to perform monthly water level measurement and SPH monitoring activities. Groundwater samples were collected on December 8 or 9, 2008. On these dates, MES measured well water levels and monitored for SPH in monitoring wells MW-1A, MW-1B, MW-2A, MW-3A, TMW-4A, TMW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, and RW-1. Tables 2 and 3 contain well water level data and any measurable thickness of SPH. Groundwater monitoring field data sheets are provided in Appendix C. Well water level data has been submitted to the GeoTracker database.

On December 8 and 9, 2008, CRA coordinated with MES to perform quarterly monitoring activities. MES measured well water levels, inspected for SPH, and collected groundwater samples from monitoring wells MW-1A, MW-1B, MW-2A, MW-3A, TMW-4A, TMW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, and RW-1 (Figure 4). Table 2 presents groundwater analytical data, well water level data and any measurable thickness of SPH. Groundwater monitoring field data sheets are provided in Appendix C. Well water level data has been submitted to the GeoTracker database.

Field activities associated with well sampling include well purging, water quality measurements, sample collection, and equipment decontamination. Prior to each sampling event, the monitoring well was purged by repeated bailing using a new, disposable bailer or pre-cleaned 3-inch poly vinyl chloride (PVC) bailer. Field measurements of pH, specific conductance, and temperature of the purged groundwater were measured after extracting each successive casing volume or at regular volume intervals. Casing volumes were calculated based on the well diameter and the height of the water column in the well casing. The purge water was then observed for any visible sheen.

Typically, well purging continued until at least three casing volumes of water were extracted and consecutive pH, specific conductance, and temperature measurements appear to stabilize. Due to dewatering, monitoring wells MW-3A, TMW-4A, MW-7, MW-8, and MW-9 were not purged of three casing volumes prior to sampling. Field water quality measurements, purge volumes, and sample collection data were recorded on field sampling data forms (Appendix C).

Groundwater samples were collected using disposable bailers. The samples were decanted from the bailers into clean 40-milliliter (mL) glass volatile organic analysis (VOA) vials supplied by McCampbell Analytical, Inc. (McCampbell) of Pittsburg, California. Immediately after collection of each sample, the containers were labeled and placed on water-based ice in a cooler. Chain-of-custody procedures were followed from sample collection to transfer to the laboratory (Appendix B).

To minimize the potential for cross-contamination, groundwater monitoring equipment was decontaminated prior to being deployed in the first monitoring well and between successive wells. The probe of the electric well sounder used for water level measurements was rinsed thoroughly with distilled water and an appropriate detergent prior to first use and between subsequent water level measurements. The PVC bailers were cleaned prior to use with a high pressure steam cleaner using distilled water and detergent. The disposable bailers were discarded after use at each well. Clean sampling containers were provided by the analytical laboratory.

Groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by modified United States Environmental Protection Agency (EPA) Method SW8015C. Aromatic hydrocarbon compounds [benzene, toluene, ethylbenzene, total xylenes (BTEX)] and methyl tertiary butyl ether (MTBE) were quantified by EPA Method SW8021B. If MTBE was detected by EPA Method SW8021B, the sample was analyzed by EPA Method SW8260B for confirmation. Groundwater samples collected from wells MW-3A, MW-11, and MW-12 were analyzed for fuel oxygenates [MTBE, tert-amyl methyl ether (TAME), t-butyl alcohol (TBA), di-isopropyl ether (DIPE), and ethyl tert-butyl ether (ETBE)] by EPA Method SW8260B. The laboratory analytical report is included in Appendix B. Analytical results are summarized on Figure 4 and presented in Table 2. Analytical data has been submitted to the GeoTracker database.

## 2.2 CURRENT QUARTER'S RESULTS

| | |
|---|---|
| **Groundwater Flow Direction** | West-southwest (December) |
| **Hydraulic Gradient** | 0.015 (December) |
| **Range of Measured Water Depth from Top of Casing in Monitoring Wells** | 8.79 to 13.63 feet (December) |
| **Were Measureable Separate Phase Hydrocarbons Observed** | Yes |

### 2.2.1 GROUNDWATER FLOW DIRECTION

Based on depth-to-water measurements collected on October 23, 2008, groundwater appeared to flow generally toward the west-southwest with a gradient of approximately 0.03 feet/feet (ft/ft). The highest groundwater elevation was measured in monitoring well TMW-4A. Well MW-1B is screened in a deeper water bearing zone (30-35 ft bgs) than the rest of the wells and as a result, was not used in contouring. Table 1 presents well construction details. Depth to water and potentiometric surface elevation data from this monitoring event are summarized on Figure 2 and presented in Table 2.

Based on depth-to-water measurements collected on November 26, 2008, groundwater appeared to flow generally toward the west-southwest with a gradient of approximately 0.02 ft/ft. The highest groundwater elevation was measured in monitoring well TMW-4A. The groundwater level measured in well MW-1B was not used in contouring because the well is screened deeper than the other site wells. The groundwater elevation for well MW-1A appeared to be anomalous and was not used in contouring within Figure 2. Depth to water and potentiometric surface elevation data from this monitoring event are summarized on Figure 3 and presented in Table 2.

Based on depth-to-water measurements collected on December 8, 2008, groundwater appeared to flow generally toward the west-southwest with a gradient of approximately 0.015 ft/ft. The highest groundwater elevation was measured in monitoring wells TMW-4A. The groundwater level measured in well MW-1B was not used in contouring because the well is screened deeper than the other site wells. Depth to water and potentiometric surface elevation data from this monitoring event are summarized on Figure 4 and presented in Table 2.

### 2.2.2 SPH DISTRIBUTION

During the fourth quarter 2008 monthly monitoring events, SPH was observed in wells MW-1A and TMW-5 at a thickness of 0.01 feet during the first two events and only in TMW-5 at a thickness of 0.01 feet during the third event. Sheen was observed in wells MW-2A and RW-1 during the first and second monthly event and in wells MW-1A, MW-2A, MW-3A, MW-11, and RW-1 during the third monthly event. SPH observations and removal field data sheets are provided in Appendix A.

### 2.2.3 HYDROCARBON DISTRIBUTION IN GROUNDWATER

Groundwater analytical results during the fourth quarter 2008 indicated the following:

- TPHg was detected in wells MW-1A, MW-2A, MW-3A, TMW-5, MW-6, MW-11, MW-12, and RW-1 at concentrations ranging from 300 micrograms per liter (µg/L) to 110,000 µg/L, with the highest concentration in well TMW-5.
- Benzene was detected in wells MW-1A, MW-2A, MW-3A, TMW-5, MW-6, MW-12, and RW-1 at concentrations ranging from 2.6 µg/L to 2,800 µg/L, with the highest concentration in well MW-1A.
- Toluene was detected in wells MW-1A, MW-2A, MW-3A, TMW-5, MW-6, and RW-1 at concentrations ranging from 5.5 µg/L to 200 µg/L, with the highest concentration in well TMW-5.
- Ethylbenzene was detected in wells MW-1A, MW-2A, TMW-5, MW-6, MW-12, and RW-1 at concentrations ranging from 2.5 µg/L to 2,800 µg/L, with the highest concentration in well TMW-5.
- Xylenes were detected in wells MW-1A, MW-2A, MW-3A, TMW-5, MW-6, and RW-1 at concentrations ranging from 7.6 µg/L to 3,400 µg/L, with the highest concentration in well MW-1A.

Petroleum hydrocarbons have apparently not migrated to the storm sewer trench in Miller Avenue. No impacted groundwater has been detected within the storm sewer trench backfill wells MW-7 or MW-8 (Table 2) or offsite soil boring SB-1W. Therefore hydrocarbon migration does not appear to be occurring via the storm sewer backfill in Miller Avenue.

### 2.2.4 FUEL OXYGENATE DISTRIBUTION IN GROUNDWATER

MTBE was detected in offsite well MW-12 at a concentration of 7,000 µg/L by EPA Method SW8021B. EPA Method SW8260B was used to confirm any detections of MTBE. MTBE was detected in well MW-12 at a concentration of 7,300 µg/L by EPA Method SW8260B. No MTBE was detected in any other site wells at or above the laboratory reporting limit during the fourth quarter 2008. Wells MW-3A, MW-11, and MW-12 were additionally analyzed for fuel oxygenates TAME, TBA, DIPE, and ETBE by EPA Method SW8260B. TAME was detected in well MW-12 at a concentration of 180 µg/L. TBA was detected in wells MW-3A and MW-12 at concentrations of 13 µg/L and 1300 µg/L, respectively. No DIPE or ETBE was detected.

## 2.3 PROPOSED ACTIVITIES FOR NEXT QUARTER

### 2.3.1 MONITORING ACTIVITIES

CRA will coordinate with MES to measure well water level and measure SPH thickness in each well. Groundwater samples will be collected from wells not containing a measurable thickness of SPH. Groundwater samples will be analyzed for TPHg by modified EPA Method SW8015C; and BTEX and MTBE by EPA Method SW8021B. Detected MTBE concentrations will be confirmed with an analysis by EPA Method SW8260B. Wells MW-3A, MW-11, and MW-12 will be analyzed for fuel oxygenates (MTBE, TBA, TAME, ETBE, and DIPE) by EPA Method SW8260B. SPH will be measured and removed, if necessary, monthly until we receive approval from ACEH to change the monitoring schedule to quarterly. CRA will summarize groundwater monitoring activities and results in a report.

### 2.3.2 SPH REMOVAL

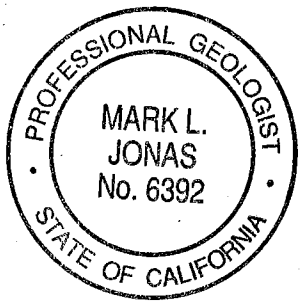
As identified at the bottom of Table 3, approximately 71.71 gallons of SPH has been removed from the wells since SPH removal activities were initiated in 1992. Measurable thickness of SPH has not been observed in any monitoring wells since August 2005 with the exception of 0.01 feet of SPH found in wells MW-1A, TMW-5, and RW-1. Sheen has been periodically observed on groundwater during monitoring events. Since thickness of SPH (thicker than 0.01 feet) has not been measurable since August 2005, we recommend discontinuing the monthly SPH monitoring and removal events and continuing with a quarterly SPH monitoring and removal schedule.

### 2.3.3 DUEL-PHASE EXTRACTION REMEDATION

We plan to initiate on-site remediation in the first half of 2009.

All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

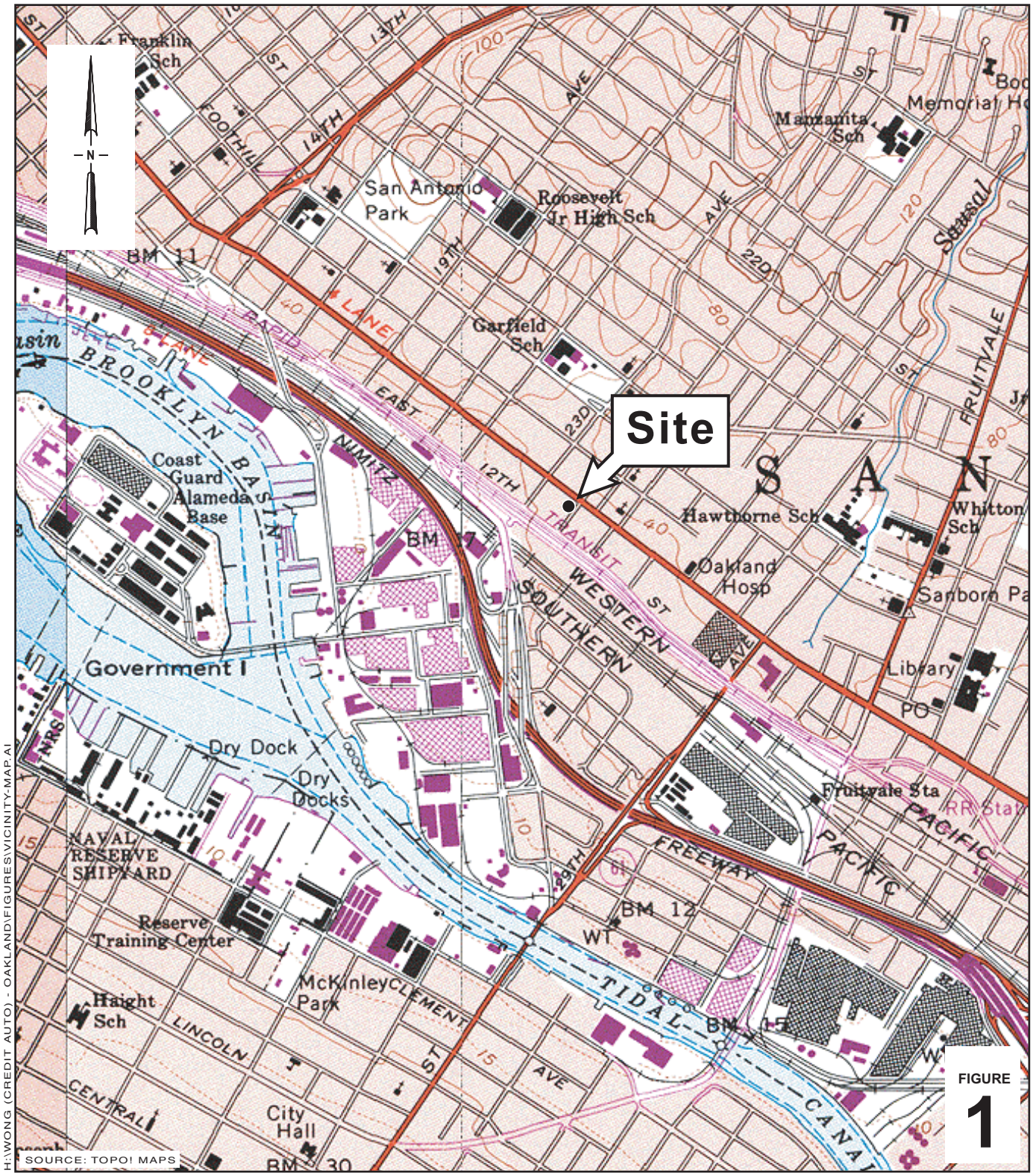
Michael Werner




Mark Jonas, P.G.

FIGURES

05/03/07




SOURCE: TOPO! MAPS

H:\WONG (CREDIT AUTO) - OAKLAND\FIGURES\VICINITY-MAP.AI

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

## Credit World Auto Sales

2345 International Boulevard

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

## Vicinity Map

01/20/08

# Groundwater Elevation Contour Map

October 23, 2008

## EXPLANATION

- MW-1 — Monitoring well location
- RW-1 — Remediation well location
- SB-1 — Soil boring location (drilling date)
- 0.06 — Groundwater flow direction and gradient
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), dashed where inferred
- Well ID / ELEV — Well designation / Groundwater surface elevation (msl)
- * MW-1B is screened in a deeper water bearing zone (30-35 fbg.) and was not used for contouring
- Approximate limits of excavation

building
building
empty lot
Mitchell Hotel
Restaurant with Second Floor Apartments
Residence
grass
ALLEY
former waste oil UST
garage
office
Vehicle Storage Yard
asphalt
gate
EB Auto Repair
parking
Auto Repair Shop
fenceline
former USTs
asphalt
gate
gate
INTERNATIONAL BOULEVARD
MILLER AVENUE

SB-4 (1997)
SB-3 (1997)
SB-1 (2001)
SB-2 (2001)
SB-5 (1997)
SB-3 (2001)
SB-4 (2001)
SB-5 (2001)
SB-2 (1997)
SB-1 (1997)
SB-6 (2001)
B-1
B-2
B-3
TH-1
TH-2
TH-3
TH-4
TH-5
RW-1 13.85
RW-2
RW-3
RW-4
RW-5
MW-1A 13.36
MW-1B* 12.28
MW-2A 14.00
MW-3A 13.35
MW-6 13.70
MW-7 15.09
MW-8 14.97
MW-9 14.86
MW-10 14.03
MW-11 13.27
MW-12 12.07
TMW-4A 15.34
TMW-5 13.80

14.00
13.50
14.50
13.00
12.50
12.50
13.00
13.50
14.00
14.50
15.00
15.00
0.03

N

0 15 30 60

Scale (ft)

Basemap from Tank Protect Engineering site plan.

I:\IR\6-chars\5110--511000-Wong (Credit Auto) - Oakland\511000-FIGURES\0208-GW.DWG

CONESTOGA-ROVERS & ASSOCIATES

**Credit World Auto Sales**
2345 International Boulevard
Oakland, California

FIGURE
**2**

01/20/09

# Groundwater Elevation Contour Map

November 26, 2008

## EXPLANATION

- MW-1 — Monitoring well location
- RW-1 — Remediation well location
- SB-1 — Soil boring location (drilling date)
- 0.023 — Groundwater flow direction and gradient
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), dashed where inferred
- Well ID / ELEV — Well designation; Groundwater surface elevation (msl)
- * MW-1B is screened in a deeper water bearing zone (30-35 fbg.) and not used for contouring
- ** MW-1A is anomalous; not used for contouring
- Approximate limits of excavation

building
building
empty lot
Mitchell Hotel
Restaurant with Second Floor Apartments
Residence
grass
ALLEY
INTERNATIONAL BOULEVARD
gate
gate
gate
gate
former waste oil UST
former USTs
garage
office
asphalt
asphalt
Vehicle Storage Yard
EB Auto Repair
Auto Repair Shop
parking
fenceline
MILLER AVENUE

SB-4 (1997)
SB-3 (1997)
SB-1 (2001)
SB-2 (2001)
SB-5 (1997)
SB-3 (2001)
SB-4 (2001)
SB-5 (2001)
SB-2 (1997)
SB-1 (1997)
SB-6 (2001)

MW-10 15.58
MW-11 15.25
MW-2A 15.27
MW-9 15.91
MW-12 13.32
MW-3A 14.61
MW-1A** 13.70
MW-1B* 12.77
MW-6 14.93
RW-1 15.10
MW-8 15.93
MW-7 16.08
TMW-5 15.37
TMW-4A 16.72

RW-4
RW-5
RW-3
RW-2
TH-1
TH-2
TH-3
TH-4
TH-5
B-1
B-2
B-3

15.50
15.00
14.50
14.00
13.50
16.00
16.50

0 15 30 60
Scale (ft)

Basemap from Tank Protect Engineering site plan.

FIGURE 3

**Credit World Auto Sales**
2345 International Boulevard
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

H:\Rit6-chars\5110-511000-Wong (Credit Auto) - Oakland\511000-FIGURES\4Q08-GW2.DWG

01/20/09

# Groundwater Elevation and Hydrocarbon Concentration Map

December 8-9, 2008

## EXPLANATION

- MW-1 — Monitoring well location
- RW-1 — Remediation well location
- SB-1 — Soil boring location (drilling date)
- 0.02 — Groundwater flow direction and gradient
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), dashed where inferred
- Well ID / ELEV / TPHg / Benzene / MTBE — Well designation; Groundwater surface elevation (msl); TPHg, Benzene and MTBE concentrations in groundwater are in micrograms per liter (µg/L)
- * MW-1B is screened in a deeper water bearing zone (30-35 bgs.) and was not used for contouring
- Approximate limits of excavation

building
building
lot
Hotel
Restaurant with Second Floor Apartments
Residence
asphalt
gate
grass
ALLEY
garage
office
building
Auto Repair Shop
asphalt
gate
gate
gate
former waste oil UST
former USTs
0.015
INTERNATIONAL BOULEVARD
MILLER AVENUE

SB-4 (1997)
SB-3 (1997)
SB-1 (2001)
SB-2 (2001)
SB-5 (1997)
SB-3 (2001)
SB-4 (2001)
SB-5 (2001)
SB-2 (1997)
SB-6 (2001)
SB-1 (1997)
RW-4
RW-5
RW-3
RW-2
RW-1
TH-1
TH-2
TH-3
TH-4
TH-5
B-1
B-2
B-3

MW-10: 15.14 / <50 / <0.5 / <5.0
MW-11: 14.78 / 350 / <0.5 / <0.5
MW-2A: 14.99 / 27,000 / 480 / <100
MW-9: 16.12 / <50 / <0.5 / <5.0
TMW-4A: 16.58 / <50 / <0.5 / <5.0
TMW-5: 14.97 / 110,000 / 2,200 / <450
MW-12: 12.96 / 300 / 2.6 / 7,300
MW-1A: 14.54 / 31,000 / 2,800 / <500
MW-1B*: 13.22 / <50 / <0.5 / <5.0
RW-1: 14.81 / 13,000 / 1,300 / <100
MW-3A: 14.43 / 5,100 / 55 / <1.7
MW-6: 14.69 / 4,400 / 430 / <25
MW-8: 15.84 / <50 / <0.5 / <5.0
MW-7: 15.95 / <50 / <0.5 / <5.0

15.00
15.50
16.00
14.50
14.00
13.50
13.00
16.50

N

0 15 30 60

Scale (ft)

Basemap from Tank Protect Engineering site plan.

I:\IR\6-chara\5110--511000-Wong (Credit Auto) - Oakland\511000-FIGURES\4Q08-GWHC.DWG

CONESTOGA-ROVERS & ASSOCIATES

**Credit World Auto Sales**
2345 International Boulevard
Oakland, California

FIGURE
**4**

TABLES

**TABLE 1**

**WELL CONSTRUCTION DETAILS**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Installation Date* | *Destruction Date* | *Borehole Depth* (ft bgs) | *Boring Diameter* (in) | *Casing Diameter* (in) | *Well Depth* (ft bgs) | *Screen Interval* (ft bgs) | *Screen Size* (in) | *Filter Pack* (ft bgs) | *Surface Seal* (ft bgs) | *TOC Elevation* (feet msl) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-1 | 5/22/1991 | 8/8/2005 | 35 | 8 | 2 | 35 | 15-35 | 0.010 | 12-35 | 0-12 | n/a |
| MW-1A | 8/8/2005 | -- | 20 | 10 | 4 | 20 | 10-20 | 0.010 | 9.5-20 | 0-9.5 | 26.95 |
| MW-1B* | 8/8/2005 | -- | 35 | 10 | 4 | 35 | 30-35 | 0.010 | 29-35 | 0-29 | 26.85 |
| MW-2 | 8/21/1991 | 8/9/2005 | 35 | 8 | 2 | 35 | 15-35 | 0.010 | 12-35 | 0-12 | n/a |
| MW-2A* | 8/9/2005 | -- | 35 | 10 | 4 | 18 | 8-18 | 0.010 | 7.5-18 | 0-7.5 | 25.82 |
| MW-3 | 8/21/1991 | 8/10/2005 | 35 | 8 | 2 | 35 | 15-35 | 0.010 | 12-35 | 0-12 | n/a |
| MW-3A* | 8/10/2005 | -- | 35 | 10 | 4 | 20 | 10-20 | 0.010 | 9.5-20 | 0-9.5 | 26.70 |
| TMW-4 | 7/22/1993 | 8/9/2005 | 34.5 | 8 | 2 | 36 | 14-34 | 0.010 | 12-34 | 0-12 | n/a |
| TMW-4A* | 8/9/2005 | -- | 35 | 10 | 4 | 20 | 10-20 | 0.010 | 9.5-20 | 0-9.5 | 26.42 |
| TMW-5 | 7/23/1993 | -- | 24 | 8 | 2 | 27 | 17-24 | 0.010 | 15-24 | 0-15 | n/a |
| MW-6 | 5/22/2001 | -- | 20 | 6.75 | 4 | 20 | 15-20 | 0.020 | 13-20 | 0-13 | n/a |
| MW-7 | 8/10/2005 | -- | 20.5 | 10 | 4 | 18 | 8-18 | 0.010 | 7.5-18 | 0-7.5 | 25.12 |
| MW-8 | 8/11/2005 | -- | 20 | 10 | 4 | 18 | 8-18 | 0.010 | 7.5-18 | 0-7.5 | 26.09 |
| MW-9 | 8/9/2005 | -- | 21.5 | 10 | 4 | 20 | 10-20 | 0.010 | 9.5-20 | 0-9.5 | 25.31 |
| MW-10 | 8/11/2005 | -- | 20 | 10 | 4 | 18 | 8-18 | 0.010 | 7.5-18 | 0-7.5 | 24.30 |
| MW-11 | 10/20/2005 | -- | 18.5 | 10 | 4 | 18 | 8-18 | 0.010 | 7-18 | 0-7 | 23.57 |
| MW-12 | 10/20/2005 | -- | 24 | 10 | 4 | 20 | 10-20 | 0.010 | 9-20 | 0-9 | 22.95 |
| RW-1 | 8/9/2005 | -- | 24.5 | 10 | 4 | 23 | 8-23 | 0.010 | 7.5-23 | 0-7.5 | 26.71 |
| RW-2 | 2/16/2007 | -- | 22 | 10 | 4 | 22 | 8-22 | 0.010 | 7-22 | 0-7 | -- |
| RW-3 | 2/15/2007 | -- | 22 | 10 | 4 | 22 | 8-22 | 0.010 | 7-22 | 0-7 | -- |
| RW-4 | 2/15/2007 | -- | 22 | 10 | 4 | 22 | 8-22 | 0.010 | 7-22 | 0-7 | -- |
| RW-5 | 2/16/2007 | -- | 22 | 10 | 4 | 22 | 8-22 | 0.010 | 7-22 | 0-7 | -- |

Notes:

in = inches
ft = feet
bgs = below ground surface
GW = groundwater
TOC = top of casing
msl = measured relative to mean sea level
* = Drill-out and reconstruction of original
n/a = not applicable
-- = no data available

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **California Environmental Consultants (Soil and Groundwater Investigation)** | | | | | | | | | | | | | | |
| B-1-W | 10/2/1984 | -- | -- | -- | 67,000 | 14,000 | 2,400 | 2,500 | 9,100 | -- | -- | -- | -- | -- |
| B-2-W | 10/2/1984 | -- | -- | -- | 110,000 | 17,000 | 2,600 | 3,000 | 12,000 | -- | -- | -- | -- | -- |
| B-3-W | 10/2/1984 | -- | -- | -- | -- | (490) | (160) | (770) | (1,300) | -- | -- | -- | -- | -- |
| **Tank Protect Engineering (Site Assessment)** | | | | | | | | | | | | | | |
| SB-1W | 4/21/1997 | -- | -- | -- | ND<50.0 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| SB-2W | 4/21/1997 | -- | -- | -- | 6,100 | 870 | 35 | 17 | 28 | ND<5.0 | -- | -- | -- | -- |
| SB-3W | 5/1/1997 | -- | -- | -- | ND<50.0 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| SB-4W | 5/1/1997 | -- | -- | -- | ND<50.0 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| SB-5W | 5/1/1997 | -- | -- | -- | 890 | 5.4 | ND<0.5 | 1.4 | ND<0.5 | 12 | -- | -- | -- | -- |
| **Sequoia Environmental (Subsurface Investigation)** | | | | | | | | | | | | | | |
| SB-1 | 5/22/2001 | -- | -- | -- | 11,000 | 8.1 | 23 | 81 | 7.1 | ND<20 | -- | -- | -- | -- |
| SB-2 | 5/22/2001 | -- | -- | -- | 1,200 | ND<0.5 | 3.5 | 5.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| SB-3 | 5/22/2001 | -- | -- | -- | 53,000 | 790 | 110 | 2,000 | 2,000 | ND<200 | -- | -- | -- | -- |
| SB-4 | 5/22/2001 | -- | -- | -- | 170,000 | 420 | ND<45 | 1,500 | 800 | ND<200 | -- | -- | -- | -- |
| SB-5 | 5/22/2001 | -- | -- | -- | 27,000 | 8,400 | 99 | 230 | 120 | ND<500 | -- | -- | -- | -- |
| SB-6 | 5/22/2001 | -- | -- | -- | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| **Monitoring Well Sampling Data** | | | | | | | | | | | | | | |
| **MW-1** | 8/23/1991 | 15.42 | 0.00 | 11.91 | 2,090,000 | 2,150 | 9,345 | 2,145 | 23,150 | -- | -- | -- | -- | -- |
| *27.37* | 12/30/1997 | 10.96 | 0.17 | 16.51 | 61,000 | 4,300 | 1,800 | 1,600 | 6,900 | 1,400 | -- | -- | -- | -- |
| | 3/24/1998 | 9.33 | 0.00 | 18.04 | 24,000 | 1,000 | 1,000 | 1,300 | 4,300 | 2,000 | -- | -- | -- | -- |
| | 6/29/1998 | 12.20 | 0.00 | 15.17 | 130,000 | 3,800 | 370 | 1,200 | 4,200 | 3,300 | -- | -- | -- | -- |
| | 10/2/1998 | 13.46 | 0.00 | 13.91 | 22,000 | 66 | 21 | 26 | 140 | ND<0.50 | -- | -- | -- | -- |
| | 12/10/1998 | 10.49 | 0.00 | 16.88 | 32,000 | 4,600 | 970 | 1,700 | 4,900 | ND<250 | -- | -- | -- | -- |
| | 3/26/1999 | 9.44 | 0.00 | 17.93 | 230,000 | 370 | 290 | 280 | 720 | ND<0.50 | -- | -- | -- | -- |
| | 6/11/1999 | 12.56 | 0.01 | 14.82 | 180,000 | 210 | 170 | 220 | 400 | ND<0.50 | -- | -- | -- | -- |
| | 9/15/1999 | 14.85 | 1.00 | 13.32 | 21,000 | 3,800 | 280 | 590 | 2,200 | ND<250 | -- | -- | -- | -- |
| | 12/28/1999 | 14.50 | 1.32 | 13.93 | 27,000 | 48 | 36 | 46 | 83 | ND<0.5 | -- | -- | -- | -- |
| | 6/13/2001 | 15.83 | 4.36 | 12.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/27/2002 | 8.31 | 0.16 | 16.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/2003 | 10.65 | 0.05 | 16.72 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2003 | 12.11 | 0.28 | 15.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2003 | 12.84 | 0.29 | 14.72 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/4/2003 | 12.50 | 0.10 | 14.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2004 | 10.45 | 0.52 | 17.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/18/2004 | 12.01 | 0.46 | 15.69 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/23/2004 | 13.56 | 0.50 | 14.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/10/2004 | 12.94 | 0.10 | 14.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/9/2005 | 10.53 | 0.52 | 17.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/25/2005 | 7.76 | 0.06 | 19.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/24/2005 | 11.00 | 0.06 | 16.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | ← 8/8/2005 - Well MW-1 reconstructed as well MW-1B → | | | | | | | | | | | | | |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-1A** | 9/29/2005 | 11.92 | 0.00 | 15.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| *26.95* | 12/29-30/2005 | 6.85 | 0.00 | 20.10 | 47,000 b | 4,400 | 2,100 | 2,000 | 6,300 | ND<500 | -- | -- | -- | -- |
| | 3/27-28/2006 | 6.70 | 0.00 | 20.25 | 65,000 b,c | 6,500 | 2,600 | 2,600 | 8,600 | ND<800 | -- | -- | -- | -- |
| | 4/28/2006 | 8.42 | 0.00 | 18.53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 10.74 | 0.00 | 16.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26-27/2006 | 11.49 | Sheen [Field] | 15.46 | 37,000 b | 2,700 | 810 | 1,100 | 3,500 | ND<300 | -- | -- | -- | -- |
| | 7/26/2006 | 12.51 | 0.00 | 14.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 12.21 | 0.00 | 14.74 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28-29/2006 | 12.55 | Sheen [Field & Lab] | 14.40 | 81,000 b,c | 8,200 | 1,500 | 3,100 | 8,700 | ND<500 | -- | -- | -- | -- |
| | 10/26/2006 | 13.32 | 0.00 | 13.63 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 12.70 | 0.00 | 14.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 9.82 | Sheen [Field & Lab] | 17.13 | 79,000 b,c | 8,700 | 1,500 | 2,500 | 7,600 | ND<1,000 | -- | -- | -- | -- |
| | 1/25/2007 | 12.97 | 0.00 | 13.98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 8.51 | 0.00 | 18.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 10.65 | Sheen [Field] | 16.30 | 79,000 b,c | 8,300 | 1,500 | 3,000 | 8,800 | ND<1,000 | -- | -- | -- | -- |
| | 4/26/2007 | 9.60 | 0.00 | 17.35 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2007 | 12.61 | 0.00 | 14.34 | -- | -- | -- | -- | -- | -- | | | | |
| | 6/19-20/2007 | 12.15 | Sheen [Field & Lab] | 14.80 | 28,000 b,c | 2,500 | 300 | 1,000 | 3,000 | ND<400 (ND<5.0 h) | -- | -- | -- | -- |
| | 7/24/2007 | 12.56 | 0.00 | 14.39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 12.97 | 0.00 | 13.98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 13.10 | Sheen [Field & Lab] | 13.85 | 68,000 b,c | 4,400 | 620 | 2,500 | 7,600 | ND<1,000 (ND<17 h) | -- | -- | -- | -- |
| | 10/30/2007 | 13.14 | 0.01 | 13.82 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 13.16 | 0.01 | 13.80 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 10.04 | Sheen [Field & Lab] | 16.91 | 43,000 b,c | 4,500 | 490 | 2,100 | 6,700 | ND<500 | -- | -- | -- | -- |
| | 1/17/2008 | 10.30 | 0.00 | 16.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 10.59 | 0.00 | 16.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 10.83 | 0.00 | 16.12 | 52,000 b,c | 2,500 | 270 | 1,300 | 3,000 | ND<350 | -- | -- | -- | -- |
| | 4/11/2008 | 12.81 | 0.00 | 14.14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 13.02 | 0.01 | 13.94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/12/2008 | 12.25 | Sheen [Field &Lab] | 14.70 | 44,000 b,c | 3,000 | 240 | 1,400 | 4,300 | <250 | -- | -- | -- | -- |
| | 7/16/2008 | 13.55 | 0.01 | 13.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 13.66 | 0.01 | 13.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 13.24 | 0.01 | 13.72 | 30,000 b,c | 2,100 | 170 | 1,200 | 4,000 | ND<100 (ND<5.0 h) | -- | -- | -- | -- |
| | **10/23/2008** | **13.60** | **0.01** | **13.36** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **11/26/2008** | **13.26** | **0.01** | **13.70** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **12/8-9/2008** | **12.41** | **Sheen [Field & Lab]** | **14.54** | **31,000 b,c** | **2,800** | **180** | **1,200** | **3,400** | **ND<500** | **--** | **--** | **--** | **--** |
| **MW-1B** | 9/29/2005 | 13.62 | 0.00 | 13.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| *26.85* | 12/29-30/2005 | 10.38 | 0.00 | 16.47 | 1,200 b | 19 | 2.5 | 0.91 | 2.7 | ND<5.0 | -- | -- | -- | -- |
| | 3/27-28/2006 | 10.54 | 0.00 | 16.31 | 950 b,d | 2.0 | 1.3 | 0.54 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/28/2006 | 11.15 | 0.00 | 15.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 12.40 | 0.00 | 14.45 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-1B** | 6/26-27/2006 | 12.80 | 0.00 | 14.05 | 480 b | 0.80 | 2.1 | ND<0.5 | 1.0 | ND<10 | -- | -- | -- | -- |
| cont. | 7/26/2006 | 13.20 | 0.00 | 13.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 13.42 | 0.00 | 13.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28-29/2006 | 13.50 | 0.00 | 13.35 | 420 d | ND<0.5 | 3.0 | 1.2 | 1.1 | ND<5.0 | -- | -- | -- | -- |
| | 10/26/2006 | 13.74 | 0.00 | 13.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 13.18 | 0.00 | 13.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 12.20 | 0.00 | 14.65 | 250 d | ND<0.5 | 2.1 | ND<0.5 | 0.83 | ND<5.0 | -- | -- | -- | -- |
| | 1/25/2007 | 14.09 | 0.00 | 12.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 11.73 | 0.00 | 15.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 12.82 | 0.00 | 14.03 | 220 d | ND<0.5 | 2.4 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/26/2007 | 12.20 | 0.00 | 14.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2007 | 12.75 | 0.00 | 14.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/19-20/2007 | 13.62 | 0.00 | 13.23 | 200 d | ND<0.5 | 1.6 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/24/2007 | 14.29 | 0.00 | 12.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 14.21 | 0.00 | 12.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 14.27 | 0.00 | 12.58 | 160 d | ND<0.5 | 1.6 | ND<0.5 | 0.63 | ND<5.0 | -- | -- | -- | -- |
| | 10/30/2007 | 13.72 | 0.00 | 13.13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 13.61 | 0.00 | 13.24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 12.22 | 0.00 | 14.63 | 140 d | ND<0.5 | 1.4 | ND<0.5 | 1.6 | ND<5.0 | -- | -- | -- | -- |
| | 1/17/2008 | 12.27 | 0.00 | 14.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 11.68 | 0.00 | 15.17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 12.50 | 0.00 | 14.35 | 120 b | 0.66 | 1.1 | ND<0.5 | 0.79 | ND<5.0 | -- | -- | -- | -- |
| | 4/11/2008 | 16.18 | 0.00 | 10.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 15.35 | 0.00 | 11.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/12/2008 | 13.70 | 0.00 | 13.15 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 7/16/2008 | 14.16 | 0.00 | 12.69 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 14.27 | 0.00 | 12.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 14.21 | 0.00 | 12.64 | 54 d | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5 | -- | -- | -- | -- |
| | **10/23/2008** | **14.57** | **0.00** | **12.28** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **11/26/2008** | **14.08** | **0.00** | **12.77** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **12/8/2008** | **13.63** | **0.00** | **13.22** | **ND<50** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<5** | **--** | **--** | **--** | **--** |
| **MW-2** | 8/23/1991 | 13.77 | 0.00 | 12.15 | 10,000 | ND<5 | ND<5 | ND<5 | ND<5 | -- | -- | -- | -- | -- |
| *26.16* [a] | 4/16/1992 | 15.38 | 2.81 | 12.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/11/1993 | 13.19 | 0.00 | 12.98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/17/1993 | 14.04 | 0.01 | 12.13 | 49,000 | 94 | 240 | 250 | 980 | -- | -- | -- | -- | -- |
| | 3/28/1994 | 13.61 | 0.54 | 12.98 | 14,000 | 4,200 | ND<250 | 910 | 1,400 | -- | -- | -- | -- | -- |
| | 6/27/1994 | 14.24 | 0.80 | 12.56 | 24,000 | 4,400 | 72 | 1,100 | 1,700 | -- | -- | -- | -- | -- |
| | 9/16/1994 | 17.82 | 4.46 | 11.91 | 40,000 | 2,300 | 250 | 2,000 | 4,100 | -- | -- | -- | -- | -- |
| | 3/31/1995 | 16.72 | 7.44 | 15.39 | 28,000 | 4,000 | ND<120 | 1,100 | 1,400 | -- | -- | -- | -- | -- |
| | 6/28/1995 | 13.50 | 0.73 | 13.24 | 40,000 | 2,700 | 130 | 1,700 | 2,900 | -- | -- | -- | -- | -- |
| | 9/28/1995 | 14.63 | 0.54 | 11.96 | 7,500 | 420 | 14 | 250 | 190 | ND<62 | -- | -- | -- | -- |
| | 12/26/1995 | 12.58 | 0.90 | 14.30 | 22,000 | 1,300 | 88 | 950 | 1,800 | ND<250 | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-2** | 3/22/1996 | 11.46 | 0.15 | 14.82 | 9,800 | 2,200 | ND<120 | 400 | ND<380 | ND<1,200 | -- | -- | -- | -- |
| cont. | 6/20/1996 | 13.08 | 0.37 | 13.38 | 35,000 | 770 | ND<0.50 | 240 | ND<0.50 | 550 | -- | -- | -- | -- |
| | 9/30/1996 | 16.67 | 3.75 | 12.49 | 58,000 | 1,600 | 230 | 2,200 | 4,000 | ND<5.0 | -- | -- | -- | -- |
| | 12/27/1996 | 15.74 | 7.57 | 16.48 | 29,000 | 2,100 | ND<0.50 | 1,200 | 1,800 | ND<5.0 | -- | -- | -- | -- |
| | 3/7/1997 | 12.55 | 0.00 | 13.61 | 13,000 | 1,300 | 37 | 290 | 180 | ND<5.0 | -- | -- | -- | -- |
| | 6/28/1997 | 11.98 | 0.04 | 14.21 | 12,000 | 840 | ND<0.50 | 640 | 360 | ND<5.0 | -- | -- | -- | -- |
| | 9/18/1997 | 13.44 | 0.00 | 12.72 | 12,000 | 680 | ND<0.50 | 320 | 84 | ND<5.0 | -- | -- | -- | -- |
| | 12/30/1997 | 11.31 | 0.00 | 14.85 | 13,000 | 1,100 | 40 | 350 | 220 | ND<5.0 | -- | -- | -- | -- |
| | 3/25/1998 | 10.02 | 0.00 | 16.14 | 8,100 | 1,300 | 51 | 410 | 230 | 670 | -- | -- | -- | -- |
| | 6/29/1998 | 11.96 | 0.00 | 14.20 | 12,000 | 880 | 13 | 180 | 72 | 430 | -- | -- | -- | -- |
| | 10/2/1998 | 13.74 | 0.00 | 12.42 | 47,000 | 140 | 100 | 110 | 200 | ND<0.50 | -- | -- | -- | -- |
| | 12/10/1998 | 12.91 | 2.10 | 14.93 | 26,000 | 1,000 | 210 | 1,500 | 1,900 | ND<1,000 | -- | -- | -- | -- |
| | 3/26/1999 | 9.06 | 0.20 | 17.26 | 110,000 | 190 | 150 | 120 | 380 | ND<0.50 | -- | -- | -- | -- |
| | 6/11/1999 | 12.18 | 0.00 | 13.98 | 190,000 | 310 | 250 | 320 | 540 | ND<0.50 | -- | -- | -- | -- |
| | 9/15/1999 | 15.59 | 3.00 | 12.97 | 25,000 | 720 | ND<100 | 1,300 | 1,600 | ND<1,000 | -- | -- | -- | -- |
| | 12/28/1999 | 16.81 | 4.50 | 12.95 | 75,000 | 130 | 98 | 130 | 230 | ND<0.50 | -- | -- | -- | -- |
| | 6/13/2001 | 14.84 | 3.15 | 10.84 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/20/2002 | 14.80 | 0.70 | 8.92 | 53,000 | 2,200 | 140 | 3,300 | 3,000 | ND<1,000 | -- | -- | -- | -- |
| | 10/21/2002 | 16.98 | 0.24 | 6.37 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/27/2002 | 13.58 | 0.43 | 9.92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/2003 | 15.49 | 0.29 | 10.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2003 | 16.08 | 0.44 | 10.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2003 | 17.14 | 0.87 | 9.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/4/2003 | 16.75 | 1.01 | 9.98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2004 | 11.19 | 2.14 | 16.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/18/2004 | 12.66 | 0.87 | 13.96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/23/2004 | 15.39 | 0.10 | 10.85 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/10/2004 | 14.81 | 0.41 | 11.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/9/2005 | 10.95 | 0.77 | 15.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/25/2005 | 7.83 | 0.08 | 18.39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/24/2005 | 11.73 | 0.85 | 15.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | ← 8/9/2005 - Well MW-2 reconstructed as well MW-2A → | | | | | | | | | | | | | |
| **MW-2A** | 9/29/2005 | 10.95 | 0.00 | 14.87 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| *25.82* | 12/29-30/2005 | 5.41 | Sheen [Field] | 20.41 | 14,000 b,c | 610 | 21 | 1,500 | 320 | ND<90 | -- | -- | -- | -- |
| | 3/27-28/2006 | 5.04 | 0.00 | 20.78 | 18,000 b | 500 | 21 | 900 | 180 | ND<100 | -- | -- | -- | -- |
| | 4/28/2006 | 6.92 | 0.00 | 18.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 8.85 | 0.00 | 16.97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26-27/2006 | 9.75 | Sheen [Field] | 16.07 | 19,000 b | 810 | 27 | 1,600 | 260 | ND<100 | -- | -- | -- | -- |
| | 7/26/2006 | 10.44 | 0.00 | 15.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 10.80 | 0.00 | 15.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28-29/2006 | 10.93 | Sheen [Field] | 14.89 | 23,000 b | 980 | 20 | 1,700 | 260 | ND<180 | -- | -- | -- | -- |
| | 10/26/2006 | 11.15 | 0.00 | 14.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-2A** | 11/28/2006 | 9.73 | 0.00 | 16.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| cont. | 12/21-22/2006 | 7.77 | Sheen Field & Lab | 18.05 | 24,000 b,c | 660 | 23 | 1,900 | 280 | ND<200 | -- | -- | -- | -- |
| | 1/25/2007 | 10.20 | 0.00 | 15.62 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 6.98 | 0.00 | 18.84 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 9.10 | Sheen Field & Lab | 16.72 | 28,000 b,c | 610 | 20 | 1,800 | 270 | ND<100 | -- | -- | -- | -- |
| | 4/26/2007 | 7.68 | 0.00 | 18.14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2007 | 10.02 | 0.00 | 15.80 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/19-20/2007 | 10.66 | Sheen Field & Lab | 15.16 | 25,000 b,c | 600 | 34 | 2,000 | 290 | ND<250 (ND<2.5 h) | -- | -- | -- | -- |
| | 7/24/2007 | 11.11 | 0.00 | 14.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 11.61 | 0.00 | 14.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 11.69 | Sheen Field & Lab | 14.13 | 20,000 b,c | 570 | 29 | 1,500 | 240 | ND<100 (ND<2.5 h) | -- | -- | -- | -- |
| | 10/30/2007 | 10.63 | 0.00 | 15.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 10.62 | 0.00 | 15.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 8.13 | Sheen Field & Lab | 17.69 | 28,000 b,c | 730 | 42 | 2,500 | 330 | ND<170 | -- | -- | -- | -- |
| | 1/17/2008 | 7.28 | 0.00 | 18.54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 7.36 | 0.00 | 18.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 9.00 | 0.00 | 16.82 | 28,000 b | 440 | 27 | 1,600 | 210 | ND<140 | -- | -- | -- | -- |
| | 4/11/2008 | 9.89 | 0.00 | 15.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 10.45 | 0.00 | 15.37 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/12/2008 | 10.95 | Sheen Field & Lab | 14.87 | 33,000 b,c | 530 | 42 | 1,900 | 230 | ND<100 | -- | -- | -- | -- |
| | 7/16/2008 | 11.29 | 0.00 | 14.53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 11.55 | 0.00 | 14.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 11.78 | Sheen Field & Lab | 14.04 | 24,000 b,c | 550 | 29 | 1,900 | 230 | ND<250 (ND<5.0 h) | -- | -- | -- | -- |
| | **10/23/2008** | **11.82** | **Sheen Field** | **14.00** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **11/26/2008** | **10.55** | **Sheen Field** | **15.27** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **12/8-9/2008** | **10.83** | **Sheen Field & Lab** | **14.99** | **27,000 b,c** | **480** | **28** | **2,000** | **220** | **ND<100** | **--** | **--** | **--** | **--** |
| **MW-3** | 8/23/1991 | 15.07 | 0.00 | 12.50 | ND<5,000 | ND<5 | ND<5 | ND<5 | ND<5 | -- | -- | -- | -- | -- |
| *27.57*[a] | 4/16/1992 | 14.14 | 0.16 | 13.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/11/1993 | 14.28 | 0.00 | 13.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/17/1993 | 15.77 | 0.00 | 11.80 | 9,600 | 4.1 | 17 | 28 | 54 | -- | -- | -- | -- | -- |
| | 3/28/1994 | 14.35 | 0.00 | 13.22 | 8,400 | 2,400 | 56 | 67 | 200 | -- | -- | -- | -- | -- |
| | 6/27/1994 | 14.77 | 0.00 | 12.80 | 9,900 | 3,300 | ND<22 | ND<25 | 73 | -- | -- | -- | -- | -- |
| | 9/16/1994 | 15.42 | 0.05 | 12.19 | 16,000 | 2,300 | 80 | 620 | 240 | -- | -- | -- | -- | -- |
| | 3/31/1995 | 12.98 | 0.46 | 14.96 | 16,000 | 2,800 | 70 | ND<25 | 920 | -- | -- | -- | -- | -- |
| | 6/28/1995 | 14.20 | 0.05 | 13.41 | 11,000 | 2,300 | 32 | 81 | 240 | -- | -- | -- | -- | -- |
| | 9/28/1995 | 15.17 | 0.00 | 12.40 | 6,300 | 1,900 | ND<42 | 200 | ND<120 | ND<420 | -- | -- | -- | -- |
| | 12/26/1995 | 13.33 | 0.06 | 14.29 | 25,000 | 3,800 | 97 | 94 | 1,600 | ND<250 | -- | -- | -- | -- |
| | 3/22/1995 | 12.81 | 0.04 | 14.79 | 16,000 | 3,100 | 75 | 69 | 350 | 250 | -- | -- | -- | -- |
| | 6/20/1996 | 13.95 | 0.07 | 13.68 | 8,500 | 1,400 | 28 | 140 | 15 | 220 | -- | -- | -- | -- |
| | 9/24/1996 | 14.86 | 0.04 | 12.74 | 12,000 | 2,400 | 87 | 340 | 110 | ND<5.0 | -- | -- | -- | -- |
| | 12/27/1996 | 11.04 | 0.06 | 16.58 | 5,800 | 1,700 | 28 | ND<0.50 | 42 | 240 | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3/10/1997 | 13.80 | 0.00 | 13.77 | 9,000 | 1,700 | ND<0.50 | 110 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| **MW-3** | 6/28/1997 | 13.72 | 0.06 | 13.90 | 15,000 | 2,200 | ND<0.50 | 160 | 190 | ND<5.0 | -- | -- | -- | -- |
| cont. | 9/18/1997 | 14.76 | 0.00 | 12.81 | 28,000 | 3,800 | ND<0.50 | 100 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| | 12/30/1997 | 12.97 | 0.00 | 14.60 | 21,000 | 2,200 | ND<0.50 | 31 | ND<0.50 | 300 | -- | -- | -- | -- |
| | 3/24/1998 | 11.75 | 0.00 | 15.82 | 2,300 | 870 | 7.2 | 20 | ND<0.50 | 85 | -- | -- | -- | -- |
| | 6/29/1998 | 13.38 | 0.00 | 14.19 | 6,500 | 1,300 | 12 | 62 | 14 | 140 | -- | -- | -- | -- |
| | 10/2/1998 | 14.42 | 0.00 | 13.15 | 11,000 | 31 | 27 | 35 | 69 | ND<0.50 | -- | -- | -- | -- |
| | 12/10/1998 | 12.55 | 0.00 | 15.02 | ND<2,500 | 2,800 | 68 | 42 | 55 | ND<250 | -- | -- | -- | -- |
| | 3/26/1999 | 10.54 | 0.00 | 17.03 | 10,000 | 21 | 14 | 10 | 41 | ND<0.50 | -- | -- | -- | -- |
| | 6/15/1999 | 13.91 | 0.00 | 13.66 | 87,000 | 90 | 71 | 92 | 180 | ND<0.50 | -- | -- | -- | -- |
| | 9/15/1999 | 14.70 | 0.00 | 12.87 | 8,700 | 2,100 | 71 | 110 | 66 | ND<100 | -- | -- | -- | -- |
| | 12/28/1999 | 15.16 | 0.25 | 12.61 | 4,300 | 7.7 | 5.2 | 7.2 | 13 | ND<0.50 | -- | -- | -- | -- |
| | 6/13/2001 | 14.70 | 0.40 | 13.19 | 8,400 | 1,300 | 25 | 64 | 32 | ND<20 | -- | -- | -- | -- |
| | 6/20/2002 | 14.68 | 0.02 | 12.91 | 7,800 | 1,100 | 23 | 66 | 15 | ND<50 | -- | -- | -- | -- |
| | 12/27/2002 | 11.37 | 0.17 | 16.34 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/2003 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2003 | 13.99 | 0.08 | 13.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2003 | 14.51 | 0.05 | 13.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/4/2003 | 14.28 | 0.10 | 13.37 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2004 | 11.95 | 0.42 | 15.96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/18/2004 | 13.33 | 0.55 | 14.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/23/2004 | 16.17 | 0.02 | 11.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/10/2004 | 16.51 | 0.10 | 11.14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/9/2005 | 13.98 | 0.33 | 13.85 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/25/2005 | 11.29 | 0.16 | 16.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/24/2005 | 13.47 | 0.09 | 14.17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | ← 8/10/2005 - Well MW-3 reconstructed as well MW-3A → | | | | | | | | | | | | | |
| **MW-3A** | 9/29/2005 | 12.52 | 0.00 | 14.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| *26.70* | 12/29-30/2005 | 5.37 | 0.00 | 21.33 | 5,600 b | 420 | 5.5 | 210 | 140 | ND<50 | -- | -- | -- | -- |
| | 3/27-28/2006 | 5.59 | 0.00 | 21.11 | 8,200 b | 210 | 4.4 | 120 | 150 | ND<25 (ND<1.0) | ND<1.0 | ND<10 | ND<1.0 | ND<1.0 |
| | 4/28/2006 | 7.94 | 0.00 | 18.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 10.82 | 0.00 | 15.88 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26-27/2006 | 11.63 | 0.00 | 15.07 | 8,600 b | 190 | ND<5.0 | 120 | 170 | ND<50 (ND<1.0) | ND<1.0 | ND<10 | ND<1.0 | ND<1.0 |
| | 7/26/2006 | 12.00 | 0.00 | 14.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 12.35 | 0.00 | 14.35 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28-29/2006 | 12.60 | Sheen [Field] | 14.10 | 11,000 b | 250 | 3.5 | ND<1.7 | 62 | ND<100 (ND<1.0) | ND<1.0 | ND<10 | ND<1.0 | ND<1.0 |
| | 10/26/2006 | 12.81 | 0.00 | 13.89 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 10.42 | 0.00 | 16.28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 8.94 | Sheen [Field] | 17.76 | 7,900 b | 48 | ND<5.0 | 65 | 130 | ND<50 (ND<0.5) | ND<0.5 | ND<5.0 | ND<0.5 | ND<0.5 |
| | 1/25/2007 | 11.73 | 0.00 | 14.97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 7.30 | 0.00 | 19.40 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 10.74 | Sheen [Field] | 15.96 | 7,000 b | 34 | ND<2.5 | 37 | 93 | ND<120 (ND<0.5) | ND<0.5 | ND<5.0 | ND<0.5 | ND<0.5 |
| | 4/26/2007 | 8.90 | 0.00 | 17.80 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5/29/2007 | 11.68 | 0.00 | 15.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **MW-3A** | 6/19-20/2007 | 12.30 | Sheen [Lab] | 14.40 | 13,000 b,c | 61 | 19 | 180 | 290 | ND<50 (ND<1.0) | ND<1.0 | ND<10 | ND<1.0 | ND<1.0 |
| cont. | 7/24/2007 | 12.61 | 0.00 | 14.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 13.03 | 0.00 | 13.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 13.03 | Sheen [Field] | 13.67 | 8,000 b | 240 | ND<2.5 | 31 | 65 | ND<25 (ND<5.0) | ND<5.0 | ND<50 | ND<5.0 | ND<5.0 |
| | 10/30/2007 | 12.03 | 0.00 | 14.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 12.19 | 0.00 | 14.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 8.02 | Sheen [Field] | 18.68 | 5,600 b | 28 | 3.9 | 53 | 120 | ND<17 (ND<5.0) | ND<5.0 | ND<50 | ND<5.0 | ND<5.0 |
| | 1/17/2008 | 8.04 | 0.00 | 18.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 8.52 | 0.00 | 18.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 10.57 | 0.00 | 16.13 | 5,500 b | 19 | ND<17 | 66 | 86 | ND<170 (ND<5.0) | ND<5.0 | ND<20 | ND<5.0 | ND<5.0 |
| | 4/11/2008 | 11.29 | 0.00 | 15.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 11.87 | 0.00 | 14.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/12/2008 | 12.38 | Sheen [Lab] | 14.32 | 7,600 b,c | 94 | 4.5 | 8.3 | 68 | ND<25 (ND<0.5) | ND<0.5 | ND<2.0 | ND<0.5 | ND<0.5 |
| | 7/16/2008 | 12.87 | 0.00 | 13.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 13.02 | 0.00 | 13.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 13.31 | Sheen [Field] | 13.39 | 7,900 b | 340 | 3.8 | 29.0 | 37 | ND<25 (ND<1.7 h) | ND<1.7 | ND<6.7 | ND<1.7 | ND<1.7 |
| | **10/23/2008** | **13.35** | **0.00** | **13.35** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **11/26/2008** | **12.09** | **0.00** | **14.61** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **12/8-9/2008** | **12.27** | **Sheen [Field]** | **14.43** | **5,100 b** | **55** | **5.5** | **ND<5.0** | **32** | **ND<50 (ND<1.7)** | **ND<1.7** | **13** | **ND<1.7** | **ND<1.7** |
| **TMW-4** | 8/17/1993 | 13.26 | 0.00 | 13.24 | 150 | ND<0.50 | 0.8 | 1.4 | 3.7 | -- | -- | -- | -- | -- |
| *26.50* [a] | 3/28/1994 | 12.40 | 0.00 | 14.10 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.5 | -- | -- | -- | -- | -- |
| | 6/27/1994 | 12.84 | 0.00 | 13.66 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.5 | -- | -- | -- | -- | -- |
| | 9/16/1994 | 13.58 | 0.00 | 12.92 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.5 | -- | -- | -- | -- | -- |
| | 3/31/1995 | 10.23 | 0.00 | 16.27 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.5 | -- | -- | -- | -- | -- |
| | 6/28/1995 | 12.21 | 0.00 | 14.29 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.5 | -- | -- | -- | -- | -- |
| | 9/28/1995 | 13.38 | 0.00 | 13.12 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.5 | ND<5.0 | -- | -- | -- | -- |
| | 12/26/1995 | 11.32 | 0.00 | 15.18 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.5 | ND<5.0 | -- | -- | -- | -- |
| | 3/22/1996 | 10.54 | 0.00 | 15.96 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.5 | ND<5.0 | -- | -- | -- | -- |
| | 6/20/1996 | 12.14 | 0.00 | 14.36 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| | 9/24/1996 | 13.01 | 0.00 | 13.49 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| | 12/27/1996 | 9.51 | 0.00 | 16.99 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| | 3/10/1997 | 11.92 | 0.00 | 14.58 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| | 6/27/1997 | 10.70 | 0.00 | 15.80 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| | 9/18/1997 | 12.94 | 0.00 | 13.56 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| | 12/30/1997 | 10.92 | 0.00 | 15.58 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| | 3/25/1998 | 9.60 | 0.00 | 16.90 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| | 6/29/1998 | 11.32 | 0.00 | 15.18 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| | 10/2/1998 | 12.56 | 0.00 | 13.94 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | -- | -- | -- | -- |
| | 12/10/1998 | 10.44 | 0.00 | 16.06 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | -- | -- | -- | -- |
| | 3/26/1999 | 9.38 | 0.00 | 17.12 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | -- | -- | -- | -- |
| | 6/15/1999 | 11.58 | 0.00 | 14.92 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | -- | -- | -- | -- |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 9/15/1999 | 12.89 | 0.00 | 13.61 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | -- | -- | -- |
| **TMW-4** | 12/28/1999 | 12.92 | 0.00 | 13.58 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | -- | -- | -- | -- |
| cont. | 10/21/2002 | 12.70 | 0.00 | 13.80 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/27/2002 | 9.07 | 0.12 | 17.53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/2003 | 10.73 | 0.03 | 15.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2003 | 12.50 | 0.02 | 14.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2003 | 13.27 | 0.06 | 13.28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/4/2003 | 13.07 | 0.10 | 13.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2004 | 9.82 | 0.02 | 16.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/18/2004 | 10.49 | 0.03 | 16.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/23/2004 | 13.29 | 0.01 | 13.22 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/10/2004 | 12.75 | 0.01 | 13.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/9/2005 | 9.95 | 0.02 | 16.57 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/25/2005 | 8.13 | 0.02 | 18.39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/24/2005 | 10.40 | 0.00 | 16.10 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | ← 8/9/2005 - Well TMW-4 reconstructed as well TMW-4A → | | | | | | | | | | | | | |
| **TMW-4A** | 9/29/2005 | 10.00 | 0.00 | 16.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| *26.42* | 12/29/2005 | 5.03 | 0.00 | 21.39 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | 0.68 | ND<5.0 | -- | -- | -- | -- |
| | 3/27/2006 | 4.63 | 0.00 | 21.79 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/28/2006 | 5.70 | 0.00 | 20.72 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 7.48 | 0.00 | 18.94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26/2006 | 8.41 | 0.00 | 18.01 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/26/2006 | 9.11 | 0.00 | 17.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 9.51 | 0.00 | 16.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28-29/2006 | 9.85 | 0.00 | 16.57 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 10/26/2006 | 9.91 | 0.00 | 16.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 9.46 | 0.00 | 16.96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 8.32 | 0.00 | 18.10 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 1/25/2007 | 9.24 | 0.00 | 17.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 6.90 | 0.00 | 19.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 7.56 | 0.00 | 18.86 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/26/2007 | 6.96 | 0.00 | 19.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2007 | 7.59 | 0.00 | 18.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/19-20/2007 | 9.43 | 0.00 | 16.99 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/24/2007 | 10.01 | 0.00 | 16.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 10.48 | 0.00 | 15.94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 10.71 | 0.00 | 15.71 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 10/30/2007 | 9.44 | 0.00 | 16.98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 9.46 | 0.00 | 16.96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 7.37 | 0.00 | 19.05 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 1/17/2008 | 6.08 | 0.00 | 20.34 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 6.14 | 0.00 | 20.28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3/17-18/2008 | 7.56 | 0.00 | 18.86 | ND<50 g | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/11/2008 | 8.74 | 0.00 | 17.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **TMW-4A** | 5/8/2008 | 9.33 | 0.00 | 17.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| cont. | 6/12/2008 | 9.90 | 0.00 | 16.52 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/16/2008 | 10.37 | 0.00 | 16.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 10.67 | 0.00 | 15.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 10.84 | 0.00 | 15.58 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5 | -- | -- | -- | -- |
| | **10/23/2008** | **11.08** | **0.00** | **15.34** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **11/26/2008** | **9.70** | **0.00** | **16.72** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **12/8-9/2008** | **9.84** | **0.00** | **16.58** | **ND<50** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<5** | **--** | **--** | **--** | **--** |
| **TMW-5** | 8/17/1993 | 12.98 | 0.03 | 13.55 | 120,000 | 640 | 730 | 790 | 3,600 | -- | -- | -- | -- | -- |
| *26.85* [a] | 3/28/1994 | 11.39 | 0.00 | 15.46 | 70,000 | 23,000 | 1,500 | 4,100 | 15,000 | -- | -- | -- | -- | -- |
| | 6/28/1994 | 12.24 | 0.00 | 14.61 | 56,000 | 26,000 | 940 | 5,500 | 26,000 | -- | -- | -- | -- | -- |
| | 9/16/1994 | 13.02 | 0.05 | 13.87 | 96,000 | 17,000 | 720 | 3,500 | 12,000 | -- | -- | -- | -- | -- |
| | 3/31/1995 | 7.38 | 0.00 | 19.47 | 64,000 | 13,000 | 470 | 3,500 | 6,100 | -- | -- | -- | -- | -- |
| | 6/28/1995 | 11.31 | 0.06 | 15.59 | 65,000 | 9,000 | 240 | 2,600 | 5,300 | -- | -- | -- | -- | -- |
| | 9/28/1995 | 14.42 | 0.00 | 12.43 | 79,000 | 17,000 | 1,800 | 2,700 | 7,000 | ND<1,200 | -- | -- | -- | -- |
| | 12/26/1995 | 10.16 | 0.05 | 16.73 | 110,000 | 11,000 | 800 | 2,300 | 4,500 | ND<1,200 | -- | -- | -- | -- |
| | 3/22/1996 | 7.59 | 0.05 | 19.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26/1996 | 7.12 | 0.00 | -- | 30,000 | 4,000 | 180 | 1,500 | 2,500 | 830 | -- | -- | -- | -- |
| | 9/30/1996 | 7.42 | 0.00 | -- | 6,900 | 1,600 | 79 | 130 | 370 | ND<5.0 | -- | -- | -- | -- |
| | 12/27/1996 | 6.38 | 0.00 | -- | 78,000 | 12,000 | 1,900 | 2,900 | 9,700 | ND<5.0 | -- | -- | -- | -- |
| | 3/10/1997 | 11.12 | 0.00 | -- | 84,000 | 9,900 | 1,100 | 2,600 | 8,800 | ND<5.0 | -- | -- | -- | -- |
| | 8/17/1997 | 12.98 | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/18/1997 | 12.00 | 0.00 | -- | 65,000 | 8,000 | ND<0.5 | 2,000 | 4,700 | ND<5.0 | -- | -- | -- | -- |
| | 12/30/1997 | 8.97 | 0.00 | -- | 79,000 | 6,400 | 340 | 2,300 | 5,500 | ND<5.0 | -- | -- | -- | -- |
| | 3/25/1998 | 7.32 | 0.00 | -- | 20,000 | 6,000 | 260 | 2,700 | 5,800 | 2,400 | -- | -- | -- | -- |
| | 6/29/1998 | 11.50 | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/8/1998 | 12.56 | 0.00 | -- | 46,000 | 120 | 98 | 120 | 240 | ND<0.50 | -- | -- | -- | -- |
| | 12/8/1998 | 10.14 | 0.00 | -- | 46,000 | 5,900 | 320 | 2,200 | 5,400 | ND<1,200 | -- | -- | -- | -- |
| | 3/26/1999 | 7.08 | 0.00 | -- | 35,000 | 69 | 61 | 37 | 120 | ND<0.50 | -- | -- | -- | -- |
| | 6/11/1999 | 11.40 | 0.00 | -- | 26,000 | 29 | 32 | 43 | 72 | ND<0.50 | -- | -- | -- | -- |
| | 9/15/1999 | 12.52 | 0.00 | -- | 37,000 | 7,300 | 400 | 2,400 | 6,000 | ND<1,000 | -- | -- | -- | -- |
| | 12/28/1999 | 12.44 | 0.00 | -- | 25,000 | 44 | 32 | 41 | 75 | ND<0.50 | -- | -- | -- | -- |
| | 6/13/2000 | 11.31 | 0.00 | 12.54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/20/2002 | 11.29 | 0.05 | 15.60 | 51,000 | 5,100 | 290 | 2,300 | 5,800 | ND<250 | -- | -- | -- | -- |
| | 10/21/2002 | 13.60 | 0.10 | 13.33 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/27/2002 | 6.60 | 0.07 | 20.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/2003 | 9.79 | 0.04 | 16.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2003 | 11.29 | 0.04 | 15.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2003 | 12.47 | 0.07 | 14.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/4/2003 | 12.35 | 0.10 | 14.24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2004 | 8.15 | 0.02 | 18.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6/18/2004 | 9.66 | 0.03 | 16.87 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/23/2004 | 12.42 | 0.01 | 14.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **TMW-5** | 12/10/2004 | 11.86 | 0.01 | 15.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| cont. | 2/9/2005 | 8.77 | 0.02 | 18.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/25/2005 | 6.22 | 0.02 | 20.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/24/2005 | 9.84 | Sheen [Field] | 17.01 | 38,000 b,c | 2,700 | 66 | 2,100 | 3,100 | ND<350 | -- | -- | -- | -- |
| *26.60* | 9/29/2005 | 11.72 | Sheen [Field & Lab] | 14.88 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2005 | -- | -- | -- | 31,000 b,c | 1,800 | ND<50 | 1,900 | 2,400 | ND<500 | -- | -- | -- | -- |
| | 12/29-30/2005 | 5.82 | Sheen [Field] | 20.78 | 43,000 b, c | 3,600 | 110 | 2,500 | 3,500 | ND<500 | -- | -- | -- | -- |
| | 3/27-28/2006 | 5.19 | Sheen [Field & Lab] | 21.41 | 63,000 b,c | 3,800 | 120 | 2,600 | 3,900 | ND<500 | -- | -- | -- | -- |
| | 4/28/2006 | 7.03 | 0.00 | 19.57 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 9.35 | 0.00 | 17.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26-27/2006 | 10.34 | Sheen [Field] | 16.26 | 29,000 b | 2,100 | 67 | 1,300 | 1,600 | ND<250 | -- | -- | -- | -- |
| | 7/26/2006 | 11.02 | 0.00 | 15.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 11.52 | 0.00 | 15.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28-29/2006 | 11.84 | Sheen [Field & Lab] | 14.76 | 46,000 b,c | 2,100 | 49 | 1,800 | 2,000 | ND<300 | -- | -- | -- | -- |
| | 10/26/2006 | 11.93 | 0.00 | 14.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 10.71 | 0.00 | 15.89 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 8.17 | Sheen [Field & Lab] | 18.43 | 38,000 b,c | 3,000 | 83 | 2,200 | 2,500 | ND<300 | -- | -- | -- | -- |
| | 1/25/2007 | 12.90 | 0.00 | 13.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 7.59 | 0.00 | 19.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 9.59 | Sheen [Field & Lab] | 17.01 | 53,000 b,c | 5,100 | 190 | 3,600 | 6,100 | ND<1,000 | -- | -- | -- | -- |
| | 4/26/2007 | 8.19 | 0.00 | 18.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2007 | 10.55 | 0.00 | 16.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/19-20/2007 | 11.40 | Sheen [Field & Lab] | 15.20 | 45,000 b,c | 2,900 | 110 | 2,100 | 3,000 | ND<250 (ND<5.0 h) | -- | -- | -- | -- |
| | 7/24/2007 | 11.83 | 0.00 | 14.77 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 12.38 | 0.00 | 14.22 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 12.55 | Sheen Field & Lab | 14.05 | 100,000 b,c | 4,900 | 220 | 4,100 | 6,000 | ND<1,000 (ND<17 h) | -- | -- | -- | -- |
| | 10/30/2007 | 14.03 | 0.01 | 12.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 11.41 | 0.01 | 15.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 9.40 | Sheen Field & Lab | 17.20 | 77,000 b,c | 3,600 | 210 | 3,400 | 4,900 | ND<1000 | -- | -- | -- | -- |
| | 1/17/2008 | 9.60 | 0.00 | 17.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 8.35 | 0.00 | 18.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 9.30 | 0.00 | 17.30 | 57,000 b,c | 2,500 | 150 | 2,200 | 2,900 | ND<500 | -- | -- | -- | -- |
| | 4/11/2008 | 10.11 | 0.01 | 16.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 11.05 | 0.01 | 15.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/12/2008 | 11.64 | Sheen [Field & Lab] | 14.96 | 47,000 b,c | 2,400 | 110 | 2,700 | 3,700 | ND<500 | -- | -- | -- | -- |
| | 7/16/2008 | 12.46 | 0.01 | 14.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 12.68 | 0.01 | 13.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 12.68 | 0.01 | 13.93 | 31,000 b,c | 2,200 | 81 | 2,000 | 2,200 | ND<250 (ND<5.0 h) | -- | -- | -- | -- |
| | **10/23/2008** | **12.81** | **0.01** | **13.80** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **11/26/2008** | **11.24** | **0.01** | **15.37** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **12/8-9/2008** | **11.64** | **0.01** | **14.97** | **110,000 b,c** | **2,200** | **200** | **2,800** | **2,400** | **ND<450** | **--** | **--** | **--** | **--** |
| **MW-6** | 6/13/2001 | 12.47 | 0.00 | 11.34 | 7,600 | 1,400 | 42 | 19 | 14 | ND<10 | -- | -- | -- | -- |
| *26.81* [a] | 6/20/2002 | 12.45 | 0.00 | 14.36 | 79 | 5.7 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 12/27/2002 | 7.24 | 0.04 | 19.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/2003 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2003 | 11.95 | 0.02 | 14.88 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2003 | 13.11 | 0.03 | 10.72 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/4/2003 | 13.14 | 0.10 | 10.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2004 | 8.93 | 0.02 | 14.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/18/2004 | 10.30 | 0.03 | 13.53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/23/2004 | 12.44 | 0.01 | 14.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/10/2004 | 11.88 | 0.01 | 14.94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/9/2005 | 9.23 | 0.02 | 17.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/25/2005 | 6.82 | 0.02 | 20.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/24/2005 | 10.10 | Sheen [Field] | 16.71 | 6,200 b | 1,100 | 33 | 43 | 15 | ND<200 | -- | -- | -- | -- |
| *26.50* | 9/29/2005 | 11.50 | 0.00 | 15.00 | 5,500 b | 920 | 27 | ND<2.5 | 14 | ND<50 | -- | -- | -- | -- |
| | 12/29-30/2005 | 6.34 | 0.00 | 20.16 | 4,500 b | 820 | 32 | 21 | 15 | ND<50 | -- | -- | -- | -- |
| | 3/27-28/2006 | 6.23 | 0.00 | 20.27 | 6,000 b | 650 | 30 | 20 | 14 | ND<120 | -- | -- | -- | -- |
| | 4/28/2006 | 7.42 | 0.00 | 19.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 10.02 | 0.00 | 16.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26/2006 | 10.74 | 0.00 | 15.76 | 5,700 b | 970 | 36 | 21 | 17 | ND<100 | -- | -- | -- | -- |
| | 7/26/2006 | 11.17 | 0.00 | 15.33 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 11.52 | 0.00 | 14.98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28/2006 | 11.70 | Sheen [Field] | 14.80 | 6,100 b | 720 | 19 | 7.6 | 12 | ND<80 | -- | -- | -- | -- |
| | 10/26/2006 | 12.25 | 0.00 | 14.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 10.48 | 0.00 | 16.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 9.07 | Sheen [Field] | 17.43 | 8,100 b | 780 | 30 | 7.6 | 12 | ND<100 | -- | -- | -- | -- |
| | 1/25/2007 | 12.43 | 0.00 | 14.07 | -- | -- | -- | -- | -- | -- | **--** | **--** | **--** | **--** |
| | 2/23/2007 | 8.38 | 0.00 | 18.12 | -- | -- | -- | -- | -- | -- | **--** | **--** | **--** | **--** |
| | 3/26-27/2007 | 10.14 | 0.00 | 16.36 | 570 b | 77 | 2.7 | 0.92 | 0.98 | ND<100 | **--** | **--** | **--** | **--** |
| | 4/26/2007 | 8.89 | 0.00 | 17.61 | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | 5/29/2007 | 10.35 | 0.00 | 16.15 | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | 6/19-20/2007 | 11.48 | 0.00 | 15.02 | 7,600 b | 790 | 33 | 9.4 | 19 | ND<130 (ND<2.5 h) | -- | -- | -- | -- |
| | 7/24/2007 | 11.88 | 0.00 | 14.62 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 12.30 | 0.00 | 14.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 12.52 | 0.00 | 13.98 | 6,700 b | 570 | 15 | ND<5.0 | 8.5 | ND<90 (ND<1.7 h) | -- | -- | -- | -- |
| | 10/30/2007 | 12.20 | 0.00 | 14.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 11.90 | 0.00 | 14.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 9.35 | 0.00 | 17.15 | 4,100 b | 540 | 19 | 3.2 | 6.6 | ND<70 | -- | -- | -- | -- |
| | 1/17/2008 | 8.60 | 0.00 | 17.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 8.41 | 0.00 | 18.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 9.95 | 0.00 | 16.55 | 5,200 b | 670 | 27 | 9.6 | 15 | ND<50 | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4/11/2008 | 10.31 | 0.00 | 16.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 11.17 | 0.00 | 15.33 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **MW-6** | 6/12/2008 | 11.57 | 0.00 | 14.93 | 5,300 b | 620 | 22 | 5.6 | 10 | ND<90 | -- | -- | -- | -- |
| cont. | 7/16/2008 | 11.83 | 0.00 | 14.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 12.07 | 0.00 | 14.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17/2008 | 12.64 | 0.00 | 13.86 | 7,300 b | 460 | 15 | 3.1 | 8.6 | ND<90 (ND<2.5 h) | -- | -- | -- | -- |
| | **10/23/2008** | **12.80** | **0.00** | **13.70** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **11/26/2008** | **11.57** | **0.00** | **14.93** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **12/8/2008** | **11.81** | **0.00** | **14.69** | **4,400 b** | **430** | **14** | **2.5** | **7.6** | **ND<25** | **--** | **--** | **--** | **--** |
| **MW-7** | 9/29/2005 | 8.80 | 0.00 | 16.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| *25.12* | 12/29/2005 | 7.45 | 0.00 | 17.67 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 3/27/2006 | 7.56 | 0.00 | 17.56 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/28/2006 | 7.93 | 0.00 | 17.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 8.20 | 0.00 | 16.92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26-27/2006 | 8.37 | 0.00 | 16.75 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/26/2006 | 8.60 | 0.00 | 16.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 8.74 | 0.00 | 16.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28-29/2006 | 8.81 | 0.00 | 16.31 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 10/26/2006 | 8.98 | 0.00 | 16.14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 8.23 | 0.00 | 16.89 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 8.07 | 0.00 | 17.05 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 1/25/2007 | 8.79 | 0.00 | 16.33 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 8.28 | 0.00 | 16.84 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 8.29 | 0.00 | 16.83 | ND<50 g | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/26/2007 | 8.13 | 0.00 | 16.99 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2007 | 8.64 | 0.00 | 16.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/19-20/2007 | 8.89 | 0.00 | 16.23 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/24/2007 | 9.31 | 0.00 | 15.81 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 9.61 | 0.00 | 15.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 9.72 | 0.00 | 15.40 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 10/30/2007 | 8.77 | 0.00 | 16.35 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 8.99 | 0.00 | 16.13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 7.51 | 0.00 | 17.61 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 1/17/2008 | 7.58 | 0.00 | 17.54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 7.92 | 0.00 | 17.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 8.15 | 0.00 | 16.97 | ND<50 g | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/11/2008 | 8.42 | 0.00 | 16.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 8.81 | 0.00 | 16.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/12/2008 | 9.12 | 0.00 | 16.00 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/16/2008 | 9.53 | 0.00 | 15.59 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 9.70 | 0.00 | 15.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 9.84 | 0.00 | 15.28 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5 | -- | -- | -- | -- |
| | **10/23/2008** | **10.03** | **0.00** | **15.09** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **11/26/2008** | **9.04** | **0.00** | **16.08** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **12/8-9/2008** | **9.17** | **0.00** | **15.95** | **ND<50** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<5** | **--** | **--** | **--** | **--** |
| **MW-8** | 9/29/2005 | 10.08 | 0.00 | 16.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| *26.09* | 12/29-30/2005 | 7.65 | 0.00 | 18.44 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 3/27-28/2006 | 7.59 | 0.00 | 18.50 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/28/2006 | 8.29 | 0.00 | 17.80 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 9.09 | 0.00 | 17.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26-27/2006 | 9.37 | 0.00 | 16.72 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/26/2006 | 9.62 | 0.00 | 16.47 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 9.75 | 0.00 | 16.34 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28-29/2006 | 9.80 | 0.00 | 16.29 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 10/26/2006 | 10.00 | 0.00 | 16.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 9.33 | 0.00 | 16.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 8.73 | 0.00 | 17.36 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 1/25/2007 | 9.66 | 0.00 | 16.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 8.35 | 0.00 | 17.74 | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | 3/26-27/2007 | 9.25 | 0.00 | 16.84 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | **--** | **--** | **--** | **--** |
| | 4/26/2007 | 8.85 | 0.00 | 17.24 | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | 5/29/2007 | 9.70 | 0.00 | 16.39 | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | 6/19-20/2007 | 9.95 | 0.00 | 16.14 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/24/2007 | 10.30 | 0.00 | 15.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 10.62 | 0.00 | 15.47 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 10.80 | 0.00 | 15.29 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 10/30/2007 | 9.87 | 0.00 | 16.22 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 10.06 | 0.00 | 16.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 8.62 | 0.00 | 17.47 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 1/17/2008 | 8.01 | 0.00 | 18.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 8.44 | 0.00 | 17.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 9.11 | 0.00 | 16.98 | ND<50 g | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/11/2008 | 9.60 | 0.00 | 16.49 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 8.75 | 0.00 | 17.34 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/12/2008 | 10.02 | 0.00 | 16.07 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/16/2008 | 10.56 | 0.00 | 15.53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 10.73 | 0.00 | 15.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 10.90 | 0.00 | 15.19 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5 | -- | -- | -- | -- |
| | **10/23/2008** | **11.12** | **0.00** | **14.97** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **11/26/2008** | **10.16** | **0.00** | **15.93** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **12/8-9/2008** | **10.25** | **0.00** | **15.84** | **ND<50** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<5** | **--** | **--** | **--** | **--** |
| **MW-9** | 9/29/2005 | 9.40 | 0.00 | 15.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| *25.31* | 12/29/2005 | 5.41 | 0.00 | 19.90 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 3/27/2006 | 5.43 | 0.00 | 19.88 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4/28/2006 | 8.67 | 0.00 | 16.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 8.10 | 0.00 | 17.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **MW-9** | 6/26/2006 | 7.90 | 0.00 | 17.41 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| cont. | 7/26/2006 | 8.63 | 0.00 | 16.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 9.05 | 0.00 | 16.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28/2006 | 9.35 | 0.00 | 15.96 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 10/26/2006 | 9.49 | 0.00 | 15.82 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 9.04 | 0.00 | 16.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 7.50 | 0.00 | 17.81 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 1/25/2007 | 9.55 | 0.00 | 15.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 8.25 | 0.00 | 17.06 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 7.86 | 0.00 | 17.45 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/26/2007 | 7.72 | 0.00 | 17.59 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2007 | 7.92 | 0.00 | 17.39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/19-20/2007 | 9.01 | 0.00 | 16.30 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/24/2007 | 9.53 | 0.00 | 15.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 9.95 | 0.00 | 15.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 10.06 | 0.00 | 15.25 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 10/30/2007 | 9.40 | 0.00 | 15.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 9.30 | 0.00 | 16.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 7.74 | 0.00 | 17.57 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 1/17/2008 | 8.90 | 0.00 | 16.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 8.23 | 0.00 | 17.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 7.71 | 0.00 | 17.60 | ND<50 g | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 4/11/2008 | 9.47 | 0.00 | 15.84 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 8.75 | 0.00 | 16.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/12/2008 | 9.30 | 0.00 | 16.01 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/16/2008 | 9.70 | 0.00 | 15.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 10.03 | 0.00 | 15.28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 10.19 | 0.00 | 15.12 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5 | -- | -- | -- | -- |
| | **10/23/2008** | **10.45** | **0.00** | **14.86** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | **11/26/2008** | **9.40** | **0.00** | **15.91** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | **12/8-9/2008** | **9.19** | **0.00** | **16.12** | **ND<50** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<5** | -- | -- | -- | -- |
| **MW-10** | 9/29/2005 | 9.43 | 0.00 | 14.87 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| *24.30* | 12/29/2005 | 5.34 | 0.00 | 18.96 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 3/27/2006 | 5.21 | 0.00 | 19.09 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | **12 (13)** | -- | -- | -- | -- |
| | 4/28/2006 | 6.64 | 0.00 | 17.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 7.23 | 0.00 | 17.07 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26/2006 | 8.19 | 0.00 | 16.11 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | **13 (15)** | -- | -- | -- | -- |
| | 7/26/2006 | 8.80 | 0.00 | 15.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 9.20 | 0.00 | 15.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28/2006 | 9.32 | 0.00 | 14.98 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>*TOC* | *Date Sampled* | *Depth to Groundwater*<br>*(feet below TOC)* | *SPH Thickness*<br>*(feet)* | *Groundwater Elevation*<br>*(feet above msl)* | *TPHg*<br>*(µg/L)* | *Benzene*<br>*(µg/L)* | *Toluene*<br>*(µg/L)* | *Ethylbenzene*<br>*(µg/L)* | *Xylenes*<br>*(µg/L)* | *MTBE*<br>*(µg/L)* | *TAME*<br>*(µg/L)* | *TBA*<br>*(µg/L)* | *DIPE*<br>*(µg/L)* | *ETBE*<br>*(µg/L)* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10/26/2006 | 9.52 | 0.00 | 14.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 8.57 | 0.00 | 15.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **MW-10** | 12/21-22/2006 | 7.16 | 0.00 | 17.14 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| cont. | 1/25/2007 | 8.82 | 0.00 | 15.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 7.01 | 0.00 | 17.29 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 7.91 | 0.00 | 16.39 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 6.5 | -- | -- | -- | -- |
| | 4/26/2007 | 7.03 | 0.00 | 17.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2007 | 8.10 | 0.00 | 16.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/19-20/2007 | 9.13 | 0.00 | 15.17 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 5.0 (7.5) | -- | -- | -- | -- |
| | 7/24/2007 | 9.56 | 0.00 | 14.74 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 9.92 | 0.00 | 14.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 10.10 | 0.00 | 14.20 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 10/30/2007 | 8.80 | 0.00 | 15.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 8.92 | 0.00 | 15.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 7.40 | 0.00 | 16.90 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 1/17/2008 | 7.75 | 0.00 | 16.55 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 7.20 | 0.00 | 17.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 7.90 | 0.00 | 16.40 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 7.0 (7.7) | -- | -- | -- | -- |
| | 4/11/2008 | 8.52 | 0.00 | 15.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 8.72 | 0.00 | 15.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/12/2008 | 9.40 | 0.00 | 14.90 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | -- | -- | -- | -- |
| | 7/16/2008 | 9.65 | 0.00 | 14.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 9.90 | 0.00 | 14.40 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 10.07 | 0.00 | 14.23 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5 | -- | -- | -- | -- |
| | **10/23/2008** | **10.27** | **0.00** | **14.03** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | **11/26/2008** | **8.72** | **0.00** | **15.58** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | **12/8/2008** | **9.16** | **0.00** | **15.14** | **ND<50** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<5** | -- | -- | -- | -- |
| **MW-11** | 12/29/2005 | 2.73 | Sheen Field & Lab | 20.84 | 1,700 c,d | ND<0.5 | 0.53 | 0.64 | 1.6 | ND<5.0 | -- | -- | -- | -- |
| *23.57* | 3/27/2006 | 2.63 | Sheen Field & Lab | 20.94 | 880 e,d,c | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<20 (ND<0.5) | ND<0.5 | ND<5.0 | ND<0.5 | ND<0.5 |
| | 4/28/2006 | 4.68 | 0.00 | 18.89 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 6.65 | 0.00 | 16.92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26/2006 | 7.54 | Sheen Field | 16.03 | 590 d,e | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 (ND<0.5) | ND<0.5 | ND<5.0 | ND<0.5 | ND<0.5 |
| | 7/26/2006 | 8.10 | 0.00 | 15.47 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 8.65 | 0.00 | 14.92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28/2006 | 8.84 | 0.00 | 14.73 | 180 d | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 (ND<0.5) | ND<0.5 | ND<5.0 | ND<0.5 | ND<0.5 |
| | 10/26/2006 | 9.34 | 0.00 | 14.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 7.50 | 0.00 | 16.07 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 5.45 | Sheen Field | 18.12 | 480 d,e | ND<0.5 | 0.62 | ND<0.5 | ND<0.5 | ND<5.0 (ND<0.5) | ND<0.5 | ND<5.0 | ND<0.5 | ND<0.5 |
| | 1/25/2007 | 8.06 | 0.00 | 15.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 4.12 | 0.00 | 19.45 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 6.93 | 0.00 | 16.64 | 300 d | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 (ND<0.5) | ND<0.5 | ND<5.0 | ND<0.5 | ND<0.5 |
| | 4/26/2007 | 5.02 | 0.00 | 18.55 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5/29/2007 | 7.02 | 0.00 | 16.55 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/19-20/2007 | 8.37 | Sheen [Field] | 15.20 | 470 a,d | ND<0.5 | 0.91 | ND<0.5 | ND<0.5 | ND<5.0 (ND<0.5) | ND<0.5 | ND<5.0 | ND<0.5 | ND<0.5 |
| **MW-11** | 7/24/2007 | 8.97 | 0.00 | 14.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| cont. | 8/27/2007 | 9.86 | 0.00 | 13.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 9.88 | 0.00 | 13.69 | 350 e,d | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 (ND<0.5) | ND<0.5 | ND<5.0 | ND<0.5 | ND<0.5 |
| | 10/30/2007 | 8.16 | 0.00 | 15.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 8.86 | 0.00 | 14.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 5.39 | Sheen [Field] | 18.18 | 470 e,d | ND<0.5 | 0.93 | ND<0.5 | ND<0.5 | ND<5.0 (ND<0.5) | ND<0.5 | ND<5.0 | ND<0.5 | ND<0.5 |
| | 1/17/2008 | 4.96 | 0.00 | 18.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 5.09 | 0.00 | 18.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 6.01 | 0.00 | 17.56 | 400 e,d | ND<0.5 | ND<0.5 | ND<0.5 | 0.97 | ND<5.0 (ND<0.5) | ND<0.5 | ND<2.0 | ND<0.5 | ND<0.5 |
| | 4/11/2008 | 7.30 | 0.00 | 16.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 8.48 | 0.00 | 15.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/12/2008 | 9.23 | 0.00 | 14.34 | 340 i,d | ND<0.5 | 0.59 | ND<0.5 | ND<0.5 | ND<5.0 (ND<0.5) | ND<0.5 | ND<2.0 | ND<0.5 | ND<0.5 |
| | 7/16/2008 | 9.52 | 0.00 | 14.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 9.79 | 0.00 | 13.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 10.08 | Sheen [Field] | 13.49 | 550 d,i | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5 (ND<0.5) | ND<0.5 | ND<2.0 | ND<0.5 | ND<0.5 |
| | **10/23/2008** | **10.30** | **0.00** | **13.27** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **11/26/2008** | **8.32** | **0.00** | **15.25** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **12/8/2008** | **8.79** | **Sheen [Field]** | **14.78** | **350 i** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<0.5** | **ND<5 (ND<0.5)** | **ND<0.5** | **ND<2.0** | **ND<0.5** | **ND<0.5** |
| **MW-12** | 12/29/2005 | 1.38 | 0.00 | 21.57 | 1,500 b | 38 | ND<5.0 | 77 | 60 | 10,000 (12,000) | -- | -- | -- | -- |
| *22.95* | 3/27-28/2006 | 2.35 | 0.00 | 20.60 | 1,200 b | 34 | ND<2.5 | 76 | 47 | 8,200 (8,000) | 190 | ND<1,700 | ND<170 | ND<170 |
| | 4/28/2006 | 7.72 | 0.00 | 15.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 8.16 | 0.00 | 14.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26-27/2006 | 9.01 | 0.00 | 13.94 | 1,000 b | 14 | ND<5.0 | 17 | ND<5.0 | 9,800 (8,200) | ND<500 | ND<5,000 | ND<500 | ND<500 |
| | 7/26/2006 | 9.35 | 0.00 | 13.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 9.80 | 0.00 | 13.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28-29/2006 | 9.98 | 0.00 | 12.97 | 1,100 f | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 10,000 (9,700) | 210 | ND<1,700 | ND<170 | ND<170 |
| | 10/26/2006 | 10.02 | 0.00 | 12.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 8.70 | 0.00 | 14.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 6.83 | 0.00 | 16.12 | 1,000 b | 20 | ND<5.0 | 30 | ND<5.0 | 11,000 (10,000) | ND<500 | ND<5,000 | ND<500 | ND<500 |
| | 1/25/2007 | 9.78 | 0.00 | 13.17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 4.40 | 0.00 | 18.55 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 8.61 | 0.00 | 14.34 | 1,400 b | 16 | ND<5.0 | 24 | ND<5.0 | 11,000 (14,000) | ND<250 | ND<2,500 | ND<250 | ND<250 |
| | 4/26/2007 | 6.71 | 0.00 | 16.24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2007 | 8.18 | 0.00 | 14.77 | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND<120 |
| | 6/19-20/2007 | 9.59 | Sheen [Field] | 13.36 | 820 b | 10 | 1.9 | 20 | 0.99 | 11,000 (11,000) | 200 | ND<1,200 | ND<120 | ND<120 |
| | 7/24/2007 | 10.07 | 0.00 | 12.88 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 10.48 | 0.00 | 12.47 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 10.62 | 0.00 | 12.33 | 530 f | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 9,700 (8,700) | ND<250 | ND<2,500 | ND<250 | ND<250 |
| | 10/30/2007 | 9.35 | 0.00 | 13.60 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 8.88 | 0.00 | 14.07 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12/19-20/2007 | 5.64 | 0.00 | 17.31 | 360 b | 5.2 | ND<2.5 | 9.5 | ND<2.5 | 7,800 (9,500) | ND<250 | ND<2,500 | ND<250 | ND<250 |
| | 1/17/2008 | 5.37 | 0.00 | 17.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **MW-12** | 2/15/2008 | 5.45 | 0.00 | 17.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| cont. | 3/17-18/2008 | 8.12 | 0.00 | 14.83 | 780 b | 13 | ND<2.5 | 25 | ND<2.5 | 7,700 (9,800) | 130 | ND<400 | ND<100 | ND<100 |
| | 4/11/2008 | 9.02 | 0.00 | 13.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 9.40 | 0.00 | 13.55 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/12/2008 | 9.88 | 0.00 | 13.07 | 640 b | 6.7 | ND<5.0 | 5.4 | ND<5.0 | 9,300 (9,000) | ND<250 | ND<1,000 | ND<250 | ND<250 |
| | 7/16/2008 | 10.34 | 0.00 | 12.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/20/2008 | 10.53 | 0.00 | 12.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17-18/2008 | 10.71 | 0.00 | 12.24 | 500 f | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | 7,400 (8000) | 200 | ND<500 | ND<120 | ND<120 |
| | **10/23/2008** | **10.88** | **0.00** | **12.07** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **11/26/2008** | **9.63** | **0.00** | **13.32** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **12/8-9/2008** | **9.99** | **0.00** | **12.96** | **300 f** | **2.6** | **ND<2.5** | **2.9** | **ND<2.5** | **7,000 (7,300)** | **180** | **1,300** | **ND<170** | **ND<170** |
| **RW-1** | 9/29/2005 | 11.60 | 0.00 | 15.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| *26.71* | 12/29/2005 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/27-28/2006 | 6.60 | Sheen [Lab] | 20.11 | 19,000 b,c | 1,800 | 45 | 340 | 92 | ND<180 | -- | -- | -- | -- |
| | 4/28/2006 | 7.80 | 0.00 | 18.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/31/2006 | 10.15 | 0.00 | 16.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/26-27/2006 | 10.85 | Sheen [Field] | 15.86 | 8,800 b | 1,400 | 30 | 85 | 36 | ND<50 | -- | -- | -- | -- |
| | 7/26/2006 | 11.24 | 0.00 | 15.47 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/25/2006 | 11.60 | 0.00 | 15.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/28-29/2006 | 11.81 | 0.00 | 14.90 | 6,500 b | 1,000 | 18 | 47 | 20 | ND<100 | -- | -- | -- | -- |
| | 10/26/2006 | 11.98 | 0.00 | 14.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/28/2006 | 10.73 | 0.00 | 15.98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21-22/2006 | 9.10 | Sheen [Field & Lab] | 17.61 | 13,000 b,c | 1,500 | 22 | 200 | 57 | ND<120 | -- | -- | -- | -- |
| | 1/25/2007 | 11.10 | 0.00 | 15.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/23/2007 | 8.28 | 0.00 | 18.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/26-27/2007 | 10.21 | Sheen [Field] | 16.50 | 11,000 b | 1,200 | 17 | 110 | 43 | ND<130 | -- | -- | -- | -- |
| | 4/26/2007 | 9.07 | 0.00 | 17.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/29/2007 | 11.00 | 0.00 | 15.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/19-20/2007 | 11.59 | 0.00 | 15.12 | 9,100 b | 1,100 | 33 | 170 | 72 | ND<100 (ND<5.0 h) | -- | -- | -- | -- |
| | 7/24/2007 | 11.96 | 0.00 | 14.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 8/27/2007 | 12.41 | 0.00 | 14.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26-27/2007 | 12.57 | 0.00 | 14.14 | 8,900 b | 980 | 17 | 84 | 35 | ND<90 (ND<2.5 h) | -- | -- | -- | -- |
| | 10/30/2007 | 11.53 | 0.00 | 15.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 11/29/2007 | 11.60 | 0.00 | 15.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/19-20/2007 | 9.59 | Sheen [Field] | 17.12 | 9,800 b | 1,500 | 39 | 250 | 94 | ND<150 | -- | -- | -- | -- |
| | 1/17/2008 | 8.22 | 0.00 | 18.49 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/15/2008 | 8.50 | 0.00 | 18.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/17-18/2008 | 10.13 | 0.00 | 16.58 | 13,000 b,c | 1,500 | 46 | 420 | 130 | ND<250 | -- | -- | -- | -- |
| | 4/11/2008 | 10.76 | 0.00 | 15.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 5/8/2008 | 11.37 | 0.00 | 15.34 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**TABLE 2**

**GROUNDWATER ELEVATION AND ANALYTICAL DATA**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| Well ID<br>TOC | Date Sampled | Depth to Groundwater<br>(feet below TOC) | SPH Thickness<br>(feet) | Groundwater Elevation<br>(feet above msl) | TPHg<br>(µg/L) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Xylenes<br>(µg/L) | MTBE<br>(µg/L) | TAME<br>(µg/L) | TBA<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6/12/2008 | 11.68 | Sheen Field | 15.03 | 8,400 b | 1,100 | 25 | 130 | 41 | ND<110 | -- | -- | -- | -- |
| | 7/16/2008 | 12.18 | 0.00 | 14.53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **RW-1** | 8/20/2008 | 12.35 | 0.00 | 14.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| cont. | 9/17-18/2008 | 12.74 | 0.01 | 13.98 | 11,000 b | 740 | 14 | 100 | 43 | ND<110 (ND<2.5 h) | -- | -- | -- | -- |
| | **10/23/2008** | **12.86** | **Sheen Field** | **13.85** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **11/26/2008** | **11.61** | **Sheen Field** | **15.10** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| | **12/8-9/2008** | **11.90** | **Sheen Field & Lab** | **14.81** | **13,000 b,c** | **1,300** | **32** | **390** | **110** | **ND<100** | | | | |

Notes:

TOC = Top of well casing elevation, measured in feet above mean sea level
msl = mean sea level
SPH = Separate phase hydrocarbons
Groundwater elevation calculated according to the relationship Groundwater Elevation = TOC - (Depth to Groundwater) + (0.8)(SPH Thickness)
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method SW8015C
Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method SW8021B (by SW8260B if in parenthesis)
MTBE = Methyl tertiary butyl ether by EPA Method SW8021B (by SW8260B if in parenthesis)
TAME =Tertiary amyl methyl ether by EPA Method SW8260B
TBA = Tertiary butyl alcohol by EPA Method SW8260B
DIPE = Diisopropyl ether by EPA Method SW8260B
ETBE = Ethyl tertiary butyl ether by EPA Method SW8260B
µg/L = Micrograms per liter
ND = not detected above laboratory detection limits
Sheen = A sheen was observed on the water's surface
Field = Observed in the field
Lab = Observed in analytical laboratory
-- = Not available, not analyzed, does not apply, or no SPH was measured or observed.
a = Top of casing elevation surveyed 6/13/01 to City of Oakland datum by Renner Survey Company of Burlingame, California for Sequoia Environmental.
b = Unmodified or weakly modified gasoline is significant.
c = Lighter that water immiscible sheen / product is present.
d = No recognizable pattern.
e = Heavier gasoline range compounds are significant (aged gasoline?).
f = One to a few isolated non-target peaks present.
g = Liquid sample that contains greater than ~1 vol. % sediment
h = Sample diluted due to high organic content/matrix interference
i = Strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
Wells were surveyed on December 7, 2005 by Virgil Chavez Land Surveying (PLS 6323). The benchmark was a pin in monument well located at the centerline of International Boulevard and Miller Avenue. The benchmark elevation is 25.86 feet above msl (NGVD 29).

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **MW-1** | 12/30/1997 | 10.79 | 10.96 | 0.17 | 0.10 | 0.03 | 0.03 |
| | 6/11/1999 | 12.55 | 12.56 | 0.01 | 0.01 | 0.00 | 0.03 |
| | 9/15/1999 | 13.85 | 14.85 | 1.00 | 0.60 | 0.16 | 0.19 |
| | 12/28/1999 | 8.15 | 8.31 | 0.16 | 0.10 | 0.03 | 0.21 |
| | 6/13/2001 | 11.47 | 15.83 | 4.36 | 2.62 | 0.69 | 0.90 |
| | 12/27/2003 | 8.15 | 8.31 | 0.16 | 3.00 | 0.79 | 1.70 |
| | 3/23/2003 | 10.60 | 10.65 | 0.05 | 1.26 | 0.33 | 2.03 |
| | 4/4/2003 | 10.19 | 10.23 | 0.04 | 0.94 | 0.25 | 2.28 |
| | 5/1/2003 | 9.80 | 9.85 | 0.05 | 0.49 | 0.13 | 2.40 |
| | 5/29/2003 | 11.83 | 12.11 | 0.28 | 1.00 | 0.26 | 2.67 |
| | 7/25/2003 | 11.99 | 12.24 | 0.25 | 0.50 | 0.13 | 2.80 |
| | 8/11/2003 | 12.07 | 12.37 | 0.30 | 0.50 | 0.13 | 2.93 |
| | 8/29/2003 | 12.07 | 12.40 | 0.33 | 0.50 | 0.13 | 3.06 |
| | 9/12/2003 | 12.59 | 12.90 | 0.31 | 0.48 | 0.13 | 3.19 |
| | 9/26/2003 | 12.55 | 12.84 | 0.29 | 0.50 | 0.13 | 3.32 |
| | 10/10/2003 | 12.61 | 12.72 | 0.11 | 0.11 | 0.03 | 3.35 |
| | 10/30/2003 | 12.68 | 12.75 | 0.07 | 0.08 | 0.02 | 3.37 |
| | 11/25/2003 | 12.59 | 12.69 | 0.10 | 0.10 | 0.03 | 3.40 |
| | 12/4/2003 | 12.40 | 12.50 | 0.10 | 0.10 | 0.03 | 3.43 |
| | 12/23/2003 | 11.97 | 12.08 | 0.11 | 0.10 | 0.03 | 3.45 |
| | 1/30/2004 | 9.64 | 10.05 | 0.41 | 0.75 | 0.20 | 3.65 |
| | 2/20/2004 | 9.50 | 9.97 | 0.47 | 0.50 | 0.13 | 3.78 |
| | 3/12/2004 | 9.93 | 10.45 | 0.52 | 1.00 | 0.26 | 4.05 |
| | 3/30/2004 | 10.35 | 11.21 | 0.86 | 1.11 | 0.29 | 4.34 |
| | 4/14/2004 | 11.77 | 12.65 | 0.88 | 1.00 | 0.26 | 4.60 |
| | 4/23/2004 | 11.60 | 12.11 | 0.51 | 1.00 | 0.26 | 4.87 |
| | 5/7/2004 | 11.63 | 12.05 | 0.42 | 1.00 | 0.26 | 5.13 |
| | 5/28/2004 | 11.68 | 12.08 | 0.40 | 1.00 | 0.26 | 5.40 |
| | 6/4/2004 | 11.51 | 11.94 | 0.43 | 0.50 | 0.13 | 5.53 |
| | 6/18/2004 | 11.55 | 12.01 | 0.46 | 0.33 | 0.09 | 5.62 |
| | 7/29/2004 | 12.65 | 13.25 | 0.60 | 1.00 | 0.26 | 5.88 |
| | 8/13/2004 | 12.97 | 13.40 | 0.43 | 1.00 | 0.26 | 6.14 |
| | 8/27/2004 | 12.96 | 13.46 | 0.50 | 1.00 | 0.26 | 6.41 |
| | 9/10/2004 | 12.96 | 13.48 | 0.52 | 1.50 | 0.40 | 6.81 |
| | 9/23/2004 | 13.06 | 13.56 | 0.50 | 2.50 | 0.66 | 7.47 |
| | 10/5/2004 | 13.00 | 13.50 | 0.50 | 2.50 | 0.66 | 8.13 |
| | 10/21/2004 | 13.49 | 13.59 | 0.10 | 2.50 | 0.66 | 8.79 |
| | 11/2/2004 | 13.00 | 13.10 | 0.10 | 2.00 | 0.53 | 9.31 |
| | 11/12/2004 | 12.83 | 12.97 | 0.14 | 1.50 | 0.40 | 9.71 |
| | 12/2/2004 | 12.81 | 12.91 | 0.10 | 1.50 | 0.40 | 10.11 |
| | 12/10/2004 | 12.84 | 12.94 | 0.10 | 1.50 | 0.40 | 10.50 |
| | 2/9/2005 | 10.01 | 10.53 | 0.52 | 0.51 | 0.13 | 10.64 |
| | 2/25/2005 | 8.01 | 8.51 | 0.50 | 1.00 | 0.26 | 10.90 |
| | 3/11/2005 | 8.32 | 8.40 | 0.08 | 0.20 | 0.05 | 10.96 |
| | 3/25/2005 | 7.70 | 7.76 | 0.06 | 0.05 | 0.01 | 10.97 |
| | 4/7/2005 | 8.26 | 8.29 | 0.03 | 0.10 | 0.03 | 10.99 |
| | 4/22/2005 | 9.71 | 9.93 | 0.22 | 0.66 | 0.17 | 11.17 |
| | 5/13/2005 | 9.71 | 9.81 | 0.10 | 0.30 | 0.08 | 11.25 |
| | 5/27/2005 | 10.55 | 10.63 | 0.08 | 0.45 | 0.12 | 11.37 |
| | 6/10/2005 | 10.10 | 10.38 | 0.28 | 0.70 | 0.18 | 11.55 |
| | 6/24/2005 | 10.94 | 11.00 | 0.06 | 0.55 | 0.15 | 11.70 |
| | 7/7/2005 | 11.63 | 11.70 | 0.07 | 0.24 | 0.06 | 11.76 |
| | 7/22/2005 | 11.90 | 11.95 | 0.05 | 0.05 | 0.01 | 11.77 |
| | 8/5/2005 | 12.20 | 12.29 | 0.09 | 0.03 | 0.01 | 11.78 |
| | 8/8/2005 | Well MW-1 reconstructed as well MW-1B | | | | | |
| **MW-1A** | 9/29/2005 | -- | 11.92 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/29-30/2005 | -- | 6.85 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27-28/2006 | -- | 6.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 8.42 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 10.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26-27/2006 | -- | 11.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/26/2006 | -- | 12.51 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 12.21 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28-29/2006 | -- | 12.55 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 13.32 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 12.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 9.82 | 0.00 | 0.00 | 0.00 | 0.00 |

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **MW-1A** | 1/25/2007 | -- | 12.97 | 0.00 | 0.00 | 0.00 | 0.00 |
| cont. | 2/23/2007 | -- | 8.51 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 10.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/26/2007 | -- | 9.60 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/29/2007 | -- | 12.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/19/2007 | -- | 12.15 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 12.56 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 12.97 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/26/2007 | -- | 13.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/30/2007 | 13.13 | 13.14 | 0.01 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | 13.15 | 13.16 | 0.01 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 10.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 10.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/15/2008 | -- | 10.59 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/17/2008 | -- | 10.83 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 12.81 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | 13.01 | 13.02 | 0.01 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 12.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | 13.54 | 13.55 | 0.01 | 0.00 | 0.00 | 0.00 |
| | 8/20/2008 | 13.65 | 13.66 | 0.01 | 0.00 | 0.00 | 0.00 |
| | 9/17/2008 | 13.23 | 13.24 | 0.01 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **13.59** | **13.60** | **0.01** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **13.25** | **13.26** | **0.01** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **12.41** | **0.00** | **0.00** | **0.00** | **0.00** |
| **MW-1B** | 9/29/2005 | -- | 13.62 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/29-30/2005 | -- | 10.38 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27-28/2006 | -- | 10.54 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 11.15 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 12.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26-27/2006 | -- | 12.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/26/2006 | -- | 13.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 13.42 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28-29/2006 | -- | 13.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 13.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 13.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 12.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/25/2007 | -- | 14.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/23/2007 | -- | 11.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 12.82 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/26/2007 | -- | 12.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/29/2007 | -- | 12.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/19/2007 | -- | 13.62 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 14.29 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 14.21 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/26/2007 | -- | 14.27 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/30/2007 | -- | 13.72 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | -- | 13.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 12.22 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 12.27 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/15/2008 | -- | 11.68 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/17/2008 | -- | 12.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 16.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | -- | 15.35 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 13.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | -- | 14.16 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/20/2008 | -- | 14.27 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/17/2008 | -- | 14.21 | 0.00 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **--** | **14.57** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **--** | **14.08** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **13.63** | **0.00** | **0.00** | **0.00** | **0.00** |
| **MW-2** | 6/28/1995 | 12.77 | 13.50 | 0.73 | 0.44 | 0.12 | 0.12 |
| | 9/28/1995 | 14.09 | 14.63 | 0.54 | 0.32 | 0.09 | 0.20 |
| | 12/26/1995 | 11.68 | 12.58 | 0.90 | 0.54 | 0.14 | 0.34 |
| | 3/22/1996 | 11.31 | 11.46 | 0.15 | 0.09 | 0.02 | 0.37 |
| | 6/20/1996 | 12.71 | 13.08 | 0.37 | 0.22 | 0.06 | 0.43 |
| | 9/30/1996 | 12.92 | 16.67 | 3.75 | 2.25 | 0.59 | 1.02 |

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **MW-2** | 12/27/1996 | 8.17 | 15.74 | 7.57 | 4.54 | 1.20 | 2.22 |
| cont. | 6/28/1997 | 11.94 | 11.98 | 0.04 | 0.02 | 0.01 | 2.23 |
| | 9/18/1997 | 13.44 | 13.44 | 0.00 | 0.00 | 0.00 | 2.23 |
| | 12/10/1998 | 10.81 | 12.91 | 2.10 | 1.26 | 0.33 | 2.56 |
| | 3/26/1999 | 8.86 | 9.06 | 0.20 | 0.12 | 0.03 | 2.59 |
| | 9/15/1999 | 12.59 | 15.59 | 3.00 | 1.80 | 0.48 | 3.07 |
| | 12/28/1999 | 12.31 | 16.81 | 4.50 | 2.70 | 0.71 | 3.78 |
| | 6/13/2001 | 11.69 | 14.84 | 3.15 | 1.89 | 0.50 | 4.28 |
| | 6/20/2002 | 14.10 | 14.80 | 0.70 | 0.42 | 0.11 | 4.39 |
| | 10/21/2002 | 16.74 | 16.98 | 0.24 | 0.14 | 0.04 | 4.43 |
| | 12/27/2002 | 13.15 | 13.58 | 0.43 | 3.00 | 0.79 | 5.22 |
| | 3/23/2003 | 15.20 | 15.49 | 0.29 | 5.68 | 1.50 | 6.72 |
| | 4/4/2003 | 14.72 | 14.80 | 0.08 | 3.78 | 1.00 | 7.72 |
| | 5/1/2003 | 13.59 | 13.63 | 0.04 | 0.49 | 0.13 | 7.85 |
| | 5/29/2003 | 15.64 | 16.08 | 0.44 | 1.00 | 0.26 | 8.11 |
| | 7/25/2003 | 15.81 | 16.31 | 0.50 | 0.50 | 0.13 | 8.24 |
| | 8/11/2003 | 15.99 | 16.44 | 0.45 | 0.50 | 0.13 | 8.37 |
| | 8/29/2003 | 15.92 | 16.75 | 0.83 | 0.50 | 0.13 | 8.51 |
| | 9/12/2003 | 16.29 | 17.10 | 0.81 | 0.95 | 0.25 | 8.76 |
| | 9/26/2003 | 16.27 | 17.14 | 0.87 | 1.90 | 0.50 | 9.26 |
| | 10/10/2003 | 16.35 | 17.10 | 0.75 | 1.89 | 0.50 | 9.76 |
| | 10/30/2003 | 16.41 | 17.03 | 0.62 | 0.95 | 0.25 | 10.01 |
| | 11/25/2003 | 16.08 | 16.98 | 0.90 | 3.79 | 1.00 | 11.01 |
| | 12/4/2003 | 15.74 | 16.75 | 1.01 | 3.79 | 1.00 | 12.01 |
| | 12/11/2003 | 15.81 | 16.90 | 1.09 | 3.79 | 1.00 | 13.01 |
| | 12/23/2003 | 15.60 | 16.55 | 0.95 | 3.79 | 1.00 | 14.01 |
| | 1/30/2004 | 8.91 | 10.69 | 1.78 | 3.00 | 0.79 | 14.80 |
| | 2/20/2004 | 8.74 | 10.72 | 1.98 | 4.00 | 1.06 | 15.86 |
| | 3/12/2004 | 9.05 | 11.19 | 2.14 | 6.41 | 1.69 | 17.55 |
| | 3/30/2004 | 10.16 | 10.67 | 0.51 | 0.51 | 0.13 | 17.69 |
| | 4/14/2004 | 11.18 | 12.61 | 1.43 | 1.50 | 0.40 | 18.08 |
| | 4/23/2004 | 11.79 | 12.84 | 1.05 | 3.50 | 0.92 | 19.01 |
| | 5/7/2004 | 11.75 | 12.89 | 1.14 | 5.00 | 1.32 | 20.33 |
| | 5/28/2004 | 11.83 | 12.77 | 0.94 | 5.00 | 1.32 | 21.65 |
| | 6/4/2004 | 11.77 | 12.62 | 0.85 | 4.50 | 1.19 | 22.84 |
| | 6/18/2004 | 11.79 | 12.66 | 0.87 | 5.00 | 1.32 | 24.16 |
| | 7/29/2004 | 15.05 | 15.10 | 0.05 | 1.00 | 0.26 | 24.42 |
| | 8/13/2004 | 15.23 | 15.28 | 0.05 | 1.50 | 0.40 | 24.82 |
| | 8/27/2004 | 15.31 | 15.39 | 0.08 | 1.50 | 0.40 | 25.22 |
| | 9/10/2004 | 15.24 | 15.33 | 0.09 | 2.00 | 0.53 | 25.74 |
| | 9/23/2004 | 15.29 | 15.39 | 0.10 | 2.00 | 0.53 | 26.27 |
| | 10/5/2004 | 15.17 | 15.33 | 0.16 | 2.00 | 0.53 | 26.80 |
| | 10/21/2004 | 15.23 | 15.46 | 0.23 | 2.00 | 0.53 | 27.33 |
| | 11/2/2004 | 14.28 | 14.96 | 0.68 | 3.50 | 0.92 | 28.25 |
| | 11/12/2004 | 14.38 | 14.83 | 0.45 | 3.00 | 0.79 | 29.05 |
| | 12/2/2004 | 14.34 | 14.79 | 0.45 | 2.50 | 0.66 | 29.71 |
| | 12/10/2004 | 14.40 | 14.81 | 0.41 | 2.50 | 0.66 | 30.37 |
| | 2/9/2005 | 10.18 | 10.95 | 0.77 | 2.28 | 0.60 | 30.97 |
| | 2/25/2005 | 8.21 | 8.65 | 0.44 | 1.50 | 0.40 | 31.37 |
| | 3/11/2005 | 8.83 | 8.89 | 0.06 | 1.10 | 0.29 | 31.66 |
| | 3/25/2005 | 7.75 | 7.83 | 0.08 | 0.70 | 0.18 | 31.84 |
| | 4/7/2005 | 8.49 | 8.53 | 0.04 | 1.15 | 0.30 | 32.14 |
| | 4/22/2005 | 9.76 | 10.08 | 0.32 | 1.66 | 0.44 | 32.58 |
| | 5/13/2005 | 9.85 | 9.98 | 0.13 | 1.20 | 0.32 | 32.90 |
| | 5/27/2005 | 10.38 | 10.97 | 0.59 | 2.00 | 0.53 | 33.43 |
| | 6/10/2005 | 9.98 | 10.01 | 0.03 | 1.20 | 0.32 | 33.75 |
| | 6/24/2005 | 10.88 | 11.73 | 0.85 | 1.90 | 0.50 | 34.25 |
| | 7/7/2005 | 11.50 | 12.08 | 0.58 | 1.75 | 0.46 | 34.71 |
| | 7/22/2005 | 11.74 | 12.49 | 0.75 | 1.50 | 0.40 | 35.10 |
| | 8/5/2005 | 12.00 | 12.37 | 0.37 | 1.36 | 0.36 | 35.46 |
| | 8/9/2005 | Well MW-2 reconstructed as well MW-2A | | | | | |
| **MW-2A** | 9/29/2005 | -- | 10.95 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/29-30/2005 | -- | 5.41 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27-28/2006 | -- | 5.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 6.92 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26-27/2006 | -- | 9.75 | 0.00 | 0.00 | 0.00 | 0.00 |

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**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **MW-2A** cont. | 7/26/2006 | -- | 10.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 10.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28-29/2006 | -- | 10.93 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 11.15 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 9.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 7.77 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/25/2007 | -- | 10.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/23/2007 | -- | 6.98 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 9.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/26/2007 | -- | 7.68 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/29/2007 | -- | 10.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/19/2007 | -- | 10.66 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 11.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 11.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/26/2007 | -- | 11.69 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/30/2007 | -- | 10.63 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | -- | 10.62 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 8.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 7.28 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/15/2008 | -- | 7.36 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/17/2008 | -- | 9.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 9.89 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | -- | 10.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 10.95 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | -- | 11.29 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/20/2008 | -- | 11.55 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/17/2008 | -- | 11.78 | 0.00 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **--** | **11.82** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **--** | **10.55** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **10.83** | **0.00** | **0.00** | **0.00** | **0.00** |
| **MW-3** | 4/16/1992 | 13.98 | 14.14 | 0.16 | 0.10 | 0.03 | 0.03 |
| | 9/16/1994 | 15.37 | 15.42 | 0.05 | 0.03 | 0.01 | 0.04 |
| | 3/31/1995 | 12.52 | 12.98 | 0.46 | 0.28 | 0.07 | 0.11 |
| | 6/28/1995 | 14.15 | 14.20 | 0.05 | 0.03 | 0.01 | 0.12 |
| | 12/26/1995 | 13.27 | 13.33 | 0.06 | 0.04 | 0.01 | 0.13 |
| | 3/22/1995 | 12.77 | 12.81 | 0.04 | 0.02 | 0.01 | 0.13 |
| | 6/20/1996 | 13.88 | 13.95 | 0.07 | 0.04 | 0.01 | 0.15 |
| | 9/24/1996 | 14.82 | 14.86 | 0.04 | 0.02 | 0.01 | 0.15 |
| | 12/27/1996 | 10.98 | 11.04 | 0.06 | 0.04 | 0.01 | 0.16 |
| | 6/28/1997 | 13.66 | 13.72 | 0.06 | 0.04 | 0.01 | 0.17 |
| | 12/28/1999 | 14.91 | 15.16 | 0.25 | 0.15 | 0.04 | 0.21 |
| | 6/13/2001 | 14.30 | 14.70 | 0.40 | 0.24 | 0.06 | 0.27 |
| | 6/20/2002 | 14.66 | 14.68 | 0.02 | 0.01 | 0.00 | 0.28 |
| | 12/27/2002 | 11.20 | 11.37 | 0.17 | 3.00 | 0.79 | 1.07 |
| | 5/29/2003 | 13.91 | 13.99 | 0.08 | 0.01 | 0.03 | 1.10 |
| | 7/25/2003 | 14.02 | 14.12 | 0.10 | 0.20 | 0.05 | 1.15 |
| | 8/11/2003 | 14.25 | 14.35 | 0.10 | 0.15 | 0.04 | 1.19 |
| | 8/29/2003 | 14.18 | 14.33 | 0.15 | 0.15 | 0.04 | 1.23 |
| | 9/12/2003 | 14.41 | 14.55 | 0.14 | 0.10 | 0.03 | 1.25 |
| | 9/26/2003 | 14.46 | 14.51 | 0.05 | 0.15 | 0.04 | 1.29 |
| | 10/10/2003 | 14.50 | 14.58 | 0.08 | 0.20 | 0.05 | 1.35 |
| | 10/30/2003 | 14.59 | 14.63 | 0.04 | 0.12 | 0.03 | 1.38 |
| | 11/25/2003 | 14.30 | 14.40 | 0.10 | 0.11 | 0.03 | 1.41 |
| | 12/4/2003 | 14.18 | 14.28 | 0.10 | 0.10 | 0.03 | 1.43 |
| | 12/23/2003 | 13.81 | 13.91 | 0.10 | 0.05 | 0.01 | 1.45 |
| | 1/30/2004 | 10.16 | 10.53 | 0.37 | 1.00 | 0.26 | 1.71 |
| | 2/20/2004 | 10.08 | 10.48 | 0.40 | 1.00 | 0.26 | 1.98 |
| | 3/12/2004 | 11.53 | 11.95 | 0.42 | 2.25 | 0.59 | 2.57 |
| | 3/30/2004 | 12.14 | 12.18 | 0.04 | 0.60 | 0.16 | 2.73 |
| | 4/14/2004 | 12.81 | 13.42 | 0.61 | 1.50 | 0.40 | 3.13 |
| | 4/23/2004 | 12.94 | 13.53 | 0.59 | 3.50 | 0.92 | 4.05 |
| | 5/7/2004 | 12.99 | 13.43 | 0.44 | 4.50 | 1.19 | 5.24 |
| | 5/28/2004 | 12.74 | 13.32 | 0.58 | 5.00 | 1.32 | 6.56 |
| | 6/4/2004 | 12.70 | 13.29 | 0.59 | 5.00 | 1.32 | 7.88 |
| | 6/18/2004 | 12.78 | 13.33 | 0.55 | 5.00 | 1.32 | 9.20 |
| | 7/29/2004 | 15.80 | 15.81 | 0.01 | 0.05 | 0.01 | 9.21 |
| | 8/13/2004 | 15.97 | 15.99 | 0.02 | 0.10 | 0.03 | 9.24 |

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **MW-3** cont. | 8/27/2004 | 16.05 | 16.07 | 0.02 | 0.50 | 0.13 | 9.37 |
| | 9/10/2004 | 16.03 | 16.05 | 0.02 | 0.75 | 0.20 | 9.57 |
| | 9/23/2004 | 16.15 | 16.17 | 0.02 | 0.50 | 0.13 | 9.70 |
| | 10/5/2004 | 16.05 | 16.10 | 0.05 | 0.75 | 0.20 | 9.90 |
| | 10/21/2004 | 16.17 | 16.22 | 0.05 | 1.00 | 0.26 | 10.17 |
| | 11/2/2004 | 16.58 | 16.68 | 0.10 | 1.00 | 0.26 | 10.43 |
| | 11/12/2004 | 16.50 | 16.60 | 0.10 | 1.50 | 0.40 | 10.83 |
| | 12/2/2004 | 16.40 | 16.53 | 0.13 | 2.00 | 0.53 | 11.35 |
| | 12/10/2004 | 16.41 | 16.51 | 0.10 | 2.00 | 0.53 | 11.88 |
| | 2/9/2005 | 13.65 | 13.98 | 0.33 | 2.55 | 0.67 | 12.56 |
| | 2/25/2005 | 10.85 | 11.15 | 0.30 | 1.50 | 0.40 | 12.95 |
| | 3/11/2005 | 13.06 | 13.19 | 0.13 | 0.60 | 0.16 | 13.11 |
| | 3/25/2005 | 11.13 | 11.29 | 0.16 | 0.60 | 0.16 | 13.27 |
| | 4/7/2005 | 11.75 | 11.88 | 0.13 | 1.45 | 0.38 | 13.65 |
| | 4/22/2005 | 13.59 | 13.91 | 0.32 | 1.31 | 0.35 | 14.00 |
| | 5/13/2005 | 13.02 | 13.07 | 0.05 | 1.17 | 0.31 | 14.31 |
| | 5/27/2005 | 13.50 | 13.52 | 0.02 | 1.30 | 0.34 | 14.65 |
| | 6/10/2005 | 12.64 | 12.70 | 0.06 | 1.40 | 0.37 | 15.02 |
| | 6/24/2005 | 13.38 | 13.47 | 0.09 | 1.10 | 0.29 | 15.31 |
| | 7/7/2005 | 14.65 | 14.81 | 0.16 | 1.32 | 0.35 | 15.66 |
| | 7/22/2005 | 14.23 | 14.70 | 0.47 | 1.20 | 0.32 | 15.98 |
| | 8/5/2005 | 14.31 | 14.40 | 0.09 | 1.10 | 0.29 | 16.27 |
| | 8/10/2005 | Well MW-3 reconstructed as well MW-3A | | | | | |
| **MW-3A** | 9/29/2005 | -- | 12.52 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/29-30/2005 | -- | 5.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27-28/2006 | -- | 5.59 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 7.94 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 10.82 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26-27/2006 | -- | 11.63 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/26/2006 | -- | 12.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 12.35 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28-29/2006 | -- | 12.60 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 12.81 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 10.42 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 8.94 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/25/2007 | -- | 11.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/23/2007 | -- | 7.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 10.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/26/2007 | -- | 8.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/29/2007 | -- | 11.68 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/19/2007 | -- | 12.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 12.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 13.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/26/2007 | -- | 13.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/30/2007 | -- | 12.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | -- | 12.19 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 8.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 8.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/15/2008 | -- | 8.52 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/17/2008 | -- | 10.57 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 11.29 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | -- | 11.87 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 12.38 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | -- | 12.87 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/20/2008 | -- | 13.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/17/2008 | -- | 13.31 | 0.00 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **--** | **13.35** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **--** | **12.09** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **12.27** | **0.00** | **0.00** | **0.00** | **0.00** |
| **TMW-4** | 12/27/2002 | 8.95 | 9.07 | 0.12 | 1.50 | 0.40 | 0.40 |
| | 3/23/2003 | 10.70 | 10.73 | 0.03 | 0.95 | 0.25 | 0.65 |
| | 4/4/2003 | 10.35 | 10.40 | 0.05 | 0.95 | 0.25 | 0.90 |
| | 5/1/2003 | 10.07 | 10.09 | 0.02 | 0.49 | 0.13 | 1.02 |
| | 5/29/2003 | 12.48 | 12.50 | 0.02 | 0.00 | 0.00 | 1.02 |
| | 7/25/2003 | 12.61 | 12.67 | 0.06 | 0.05 | 0.01 | 1.03 |
| | 8/11/2003 | 14.49 | 14.59 | 0.10 | 0.10 | 0.03 | 1.06 |

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **TMW-4** | 8/29/2003 | 12.93 | 12.95 | 0.02 | 0.05 | 0.01 | 1.07 |
| cont. | 9/12/2003 | 13.24 | 13.29 | 0.05 | 0.03 | 0.01 | 1.08 |
| | 9/26/2003 | 13.21 | 13.27 | 0.06 | 0.04 | 0.01 | 1.09 |
| | 10/10/2003 | 13.31 | 13.40 | 0.09 | 0.05 | 0.01 | 1.11 |
| | 10/30/2003 | 13.30 | 13.38 | 0.08 | 0.04 | 0.01 | 1.12 |
| | 11/25/2003 | 13.09 | 13.19 | 0.10 | 0.02 | 0.01 | 1.12 |
| | 12/4/2003 | 12.97 | 13.07 | 0.10 | 0.05 | 0.01 | 1.14 |
| | 12/23/2003 | 13.59 | 13.69 | 0.10 | 0.05 | 0.01 | 1.15 |
| | 1/30/2004 | 9.45 | 9.47 | 0.02 | 0.01 | 0.00 | 1.15 |
| | 2/20/2004 | 9.37 | 9.39 | 0.02 | 0.01 | 0.00 | 1.15 |
| | 3/12/2004 | 9.80 | 9.82 | 0.02 | 0.01 | 0.00 | 1.16 |
| | 3/30/2004 | 10.11 | 10.12 | 0.01 | 0.00 | 0.00 | 1.16 |
| | 4/14/2004 | 10.89 | 10.93 | 0.04 | 0.01 | 0.00 | 1.16 |
| | 4/23/2004 | 10.68 | 10.71 | 0.03 | 0.01 | 0.00 | 1.16 |
| | 5/7/2004 | 10.50 | 10.53 | 0.03 | 0.04 | 0.01 | 1.17 |
| | 5/28/2004 | 10.56 | 10.60 | 0.04 | 0.01 | 0.00 | 1.18 |
| | 6/4/2004 | 10.49 | 10.52 | 0.03 | 0.01 | 0.00 | 1.18 |
| | 6/18/2004 | 10.46 | 10.49 | 0.03 | 0.01 | 0.00 | 1.18 |
| | 7/29/2004 | 11.99 | 12.00 | 0.01 | 0.05 | 0.01 | 1.19 |
| | 8/13/2004 | 12.06 | 12.07 | 0.01 | 0.10 | 0.03 | 1.22 |
| | 8/27/2004 | 12.09 | 12.11 | 0.02 | 0.10 | 0.03 | 1.25 |
| | 9/10/2004 | 13.16 | 13.18 | 0.02 | 0.10 | 0.03 | 1.27 |
| | 9/23/2004 | 13.28 | 13.29 | 0.01 | 0.10 | 0.03 | 1.30 |
| | 10/5/2004 | 13.25 | 13.26 | 0.01 | 0.01 | 0.00 | 1.30 |
| | 10/21/2004 | 13.34 | 13.35 | 0.01 | 0.01 | 0.00 | 1.30 |
| | 11/2/2204 | 12.81 | 12.82 | 0.01 | 0.01 | 0.00 | 1.31 |
| | 11/12/2004 | 12.77 | 12.78 | 0.01 | 0.01 | 0.00 | 1.31 |
| | 12/2/2004 | 12.71 | 12.72 | 0.01 | 0.01 | 0.00 | 1.31 |
| | 12/10/2004 | 12.74 | 12.75 | 0.01 | 0.01 | 0.00 | 1.32 |
| | 2/9/2005 | 9.92 | 9.94 | 0.02 | 0.01 | 0.00 | 1.32 |
| | 2/25/2005 | 8.63 | 8.65 | 0.02 | 0.01 | 0.00 | 1.32 |
| | 3/11/2005 | 8.84 | 8.86 | 0.02 | 0.01 | 0.00 | 1.32 |
| | 3/25/2005 | 8.11 | 8.13 | 0.02 | 0.01 | 0.00 | 1.33 |
| | 4/7/2005 | 8.42 | 8.44 | 0.02 | 0.01 | 0.00 | 1.33 |
| | 4/22/2005 | 9.55 | 9.57 | 0.02 | 0.01 | 0.00 | 1.33 |
| | 8/9/2005 | Well TMW-4 reconstructed as well TMW-4A | | | | | |
| **TMW-4A** | 9/29/2005 | -- | 10.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/29/2005 | -- | 5.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27/2006 | -- | 4.63 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 5.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 7.48 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26/2006 | -- | 8.41 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/26/2006 | -- | 9.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 9.51 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28-29/2006 | -- | 9.85 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 9.91 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 9.46 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 8.32 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/25/2007 | -- | 9.24 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/23/2007 | -- | 6.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 7.56 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/26/2007 | -- | 6.96 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/29/2007 | -- | 7.59 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/19/2007 | -- | 9.43 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 10.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 10.48 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/26/2007 | -- | 10.71 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/30/2007 | -- | 9.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | -- | 9.46 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 7.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 6.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/15/2008 | -- | 6.14 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/17/2008 | -- | 7.56 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 8.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | -- | 9.33 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 9.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | -- | 10.37 | 0.00 | 0.00 | 0.00 | 0.00 |

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **TMW-4A** | 8/20/2008 | -- | 10.67 | 0.00 | 0.00 | 0.00 | 0.00 |
| cont. | 9/17/2008 | -- | 10.84 | 0.00 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **--** | **11.08** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **--** | **9.70** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **9.84** | **0.00** | **0.00** | **0.00** | **0.00** |
| **TMW-5** | 8/17/1993 | 12.95 | 12.98 | 0.03 | 0.02 | 0.00 | 0.00 |
| | 9/16/1994 | 12.97 | 13.02 | 0.05 | 0.03 | 0.01 | 0.01 |
| | 6/28/1995 | 11.25 | 11.31 | 0.06 | 0.04 | 0.01 | 0.02 |
| | 12/26/1995 | 10.11 | 10.16 | 0.05 | 0.03 | 0.01 | 0.03 |
| | 3/22/1996 | 7.54 | 7.59 | 0.05 | 0.03 | 0.01 | 0.03 |
| | 8/17/1997 | 12.95 | 12.98 | 0.03 | 0.02 | 0.00 | 0.04 |
| | 5/23/2001 | -- | 11.31 | 0.00 | 0.00 | 0.00 | 0.04 |
| | 6/20/2002 | 11.24 | 11.29 | 0.05 | 0.03 | 0.01 | 0.05 |
| | 10/21/2002 | 13.50 | 13.60 | 0.10 | 0.06 | 0.02 | 0.06 |
| | 12/27/2002 | 13.50 | 13.60 | 0.10 | 1.50 | 0.40 | 0.46 |
| | 3/23/2003 | 9.75 | 9.79 | 0.04 | 0.95 | 0.25 | 0.71 |
| | 4/4/2003 | 9.40 | 9.45 | 0.05 | 0.49 | 0.13 | 0.83 |
| | 5/1/2003 | 8.93 | 8.95 | 0.02 | 0.38 | 0.10 | 0.93 |
| | 5/29/2003 | 11.25 | 11.29 | 0.04 | 0.01 | 0.01 | 0.95 |
| | 7/25/2003 | 11.33 | 11.37 | 0.04 | 0.02 | 0.01 | 0.95 |
| | 8/11/2003 | 11.47 | 11.49 | 0.02 | 0.01 | 0.00 | 0.95 |
| | 8/29/2003 | 12.10 | 12.17 | 0.07 | 0.02 | 0.01 | 0.96 |
| | 9/12/2003 | 12.45 | 12.50 | 0.05 | 0.03 | 0.01 | 0.97 |
| | 9/26/2003 | 12.40 | 12.47 | 0.07 | 0.02 | 0.01 | 0.97 |
| | 10/10/2003 | 12.51 | 12.61 | 0.10 | 0.02 | 0.01 | 0.98 |
| | 10/30/2003 | 12.65 | 12.70 | 0.05 | 0.01 | 0.00 | 0.98 |
| | 11/25/2003 | 12.39 | 12.49 | 0.10 | 0.01 | 0.00 | 0.98 |
| | 12/4/2003 | 12.25 | 12.35 | 0.10 | 0.01 | 0.00 | 0.98 |
| | 12/23/2003 | 13.78 | 13.88 | 0.10 | 0.01 | 0.00 | 0.99 |
| | 1/30/2004 | 7.63 | 7.65 | 0.02 | 0.01 | 0.00 | 0.99 |
| | 2/20/2004 | 7.65 | 7.67 | 0.02 | 0.01 | 0.00 | 0.99 |
| | 3/12/2004 | 8.13 | 8.15 | 0.02 | 0.01 | 0.00 | 1.00 |
| | 3/30/2004 | 9.09 | 9.09 | 0.00 | 0.00 | 0.00 | 1.00 |
| | 4/14/2004 | 9.69 | 9.73 | 0.04 | 0.01 | 0.00 | 1.00 |
| | 4/23/2004 | 9.74 | 9.77 | 0.03 | 0.01 | 0.00 | 1.00 |
| | 5/7/2004 | 9.61 | 9.64 | 0.03 | 0.04 | 0.01 | 1.01 |
| | 5/28/2004 | 9.69 | 9.72 | 0.03 | 0.01 | 0.00 | 1.01 |
| | 6/4/2004 | 9.61 | 9.64 | 0.03 | 0.01 | 0.00 | 1.02 |
| | 6/18/2004 | 9.63 | 9.66 | 0.03 | 0.01 | 0.00 | 1.02 |
| | 7/29/2004 | 12.05 | 12.06 | 0.01 | 0.05 | 0.01 | 1.03 |
| | 8/13/2004 | 12.21 | 12.22 | 0.01 | 0.10 | 0.03 | 1.06 |
| | 8/27/2004 | 12.28 | 12.30 | 0.02 | 0.10 | 0.03 | 1.08 |
| | 9/10/2004 | 12.33 | 12.35 | 0.02 | 0.10 | 0.03 | 1.11 |
| | 9/23/2004 | 12.41 | 12.42 | 0.01 | 0.10 | 0.03 | 1.14 |
| | 10/5/2004 | 13.37 | 13.38 | 0.01 | 0.01 | 0.00 | 1.14 |
| | 10/21/2004 | 12.45 | 12.46 | 0.01 | 0.01 | 0.00 | 1.14 |
| | 11/2/2004 | 11.90 | 11.91 | 0.01 | 0.01 | 0.00 | 1.15 |
| | 11/12/2004 | 11.84 | 11.85 | 0.01 | 0.01 | 0.00 | 1.15 |
| | 12/2/2004 | 11.80 | 11.81 | 0.01 | 0.01 | 0.00 | 1.15 |
| | 12/10/2004 | 11.85 | 11.86 | 0.01 | 0.01 | 0.00 | 1.15 |
| | 2/9/2005 | 8.75 | 8.77 | 0.02 | 0.01 | 0.00 | 1.16 |
| | 2/25/2005 | 6.45 | 6.48 | 0.03 | 0.01 | 0.00 | 1.16 |
| | 3/11/2005 | 6.83 | 6.85 | 0.02 | 0.01 | 0.00 | 1.16 |
| | 3/25/2005 | 6.20 | 6.22 | 0.02 | 0.01 | 0.00 | 1.16 |
| | 4/7/2005 | 6.67 | 6.69 | 0.02 | 0.01 | 0.00 | 1.17 |
| | 4/22/2005 | 8.25 | 8.26 | 0.01 | 0.01 | 0.00 | 1.17 |
| | 7/22/2005 | 11.01 | 11.02 | 0.01 | 0.01 | 0.00 | 1.17 |
| | 8/5/2005 | 11.29 | 11.33 | 0.04 | 0.01 | 0.00 | 1.17 |
| | 9/29/2005 | -- | 11.72 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 12/29-30/2005 | -- | 5.82 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 3/27-28/2006 | -- | 5.19 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 4/28/2006 | -- | 7.03 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 5/31/2006 | -- | 9.35 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 6/26-27/2006 | -- | 10.34 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 7/26/2006 | -- | 11.02 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 8/25/2006 | -- | 11.52 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 9/28-29/2006 | -- | 11.84 | 0.00 | 0.00 | 0.00 | 1.17 |

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **TMW-5** | 10/26/2006 | -- | 11.93 | 0.00 | 0.00 | 0.00 | 1.17 |
| cont. | 11/28/2006 | -- | 10.71 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 12/21-22/2006 | -- | 8.17 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 1/25/2007 | -- | 12.90 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 2/23/2007 | -- | 7.59 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 3/26-27/2007 | -- | 9.59 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 4/26/2007 | -- | 8.19 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 5/29/2007 | -- | 10.55 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 6/19/2007 | -- | 11.40 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 7/24/2007 | -- | 11.83 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 8/27/2007 | -- | 12.38 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 9/26/2007 | -- | 12.55 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 10/30/2007 | 14.02 | 14.03 | 0.01 | 0.00 | 0.00 | 1.17 |
| | 11/29/2007 | 11.40 | 11.41 | 0.01 | 0.00 | 0.00 | 1.17 |
| | 12/19/2007 | -- | 9.40 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 1/17/2008 | -- | 9.60 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 2/15/2008 | -- | 8.35 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 3/17/2008 | -- | 9.30 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 4/11/2008 | 10.10 | 10.11 | 0.01 | 0.00 | 0.00 | 1.17 |
| | 5/8/2008 | 11.04 | 11.05 | 0.01 | 0.00 | 0.00 | 1.17 |
| | 6/12/2008 | -- | 11.64 | 0.00 | 0.00 | 0.00 | 1.17 |
| | 7/16/2008 | 12.45 | 12.46 | 0.01 | 0.00 | 0.00 | 1.17 |
| | 8/20/2008 | 12.67 | 12.68 | 0.01 | 0.00 | 0.00 | 1.17 |
| | 9/17/2008 | 12.67 | 12.68 | 0.01 | 0.00 | 0.00 | 1.17 |
| | **10/23/2008** | **12.80** | **12.81** | **0.01** | **0.00** | **0.00** | **1.17** |
| | **11/26/2008** | **11.23** | **11.24** | **0.01** | **0.00** | **0.00** | **1.17** |
| | **12/8/2008** | **11.63** | **11.64** | **0.01** | **0.00** | **0.00** | **1.17** |
| **MW-6** | 12/27/2002 | 7.20 | 7.24 | 0.04 | 1.50 | 0.39 | 0.39 |
| | 5/29/2003 | 11.93 | 11.95 | 0.02 | 0.01 | 0.01 | 0.40 |
| | 7/25/2003 | 12.05 | 12.07 | 0.02 | 0.02 | 0.01 | 0.41 |
| | 8/11/2003 | 12.18 | 12.20 | 0.02 | 0.01 | 0.00 | 0.41 |
| | 8/29/2003 | 12.74 | 12.77 | 0.03 | 0.05 | 0.01 | 0.42 |
| | 9/12/2003 | 13.09 | 13.15 | 0.06 | 0.05 | 0.01 | 0.44 |
| | 9/26/2003 | 13.08 | 13.11 | 0.03 | 0.05 | 0.01 | 0.45 |
| | 10/10/2003 | 13.27 | 13.43 | 0.16 | 0.08 | 0.02 | 0.47 |
| | 10/30/2003 | 13.32 | 13.40 | 0.08 | 0.05 | 0.01 | 0.49 |
| | 11/25/2003 | 13.09 | 13.24 | 0.15 | 0.04 | 0.01 | 0.50 |
| | 12/4/2003 | 13.04 | 13.14 | 0.10 | 0.02 | 0.01 | 0.50 |
| | 12/23/2003 | 13.50 | 13.60 | 0.10 | 0.01 | 0.00 | 0.50 |
| | 1/30/2004 | 8.42 | 8.44 | 0.02 | 0.01 | 0.00 | 0.51 |
| | 2/20/2004 | 8.38 | 8.40 | 0.02 | 0.01 | 0.00 | 0.51 |
| | 3/12/2004 | 8.91 | 8.93 | 0.02 | 0.01 | 0.00 | 0.51 |
| | 3/30/2004 | 9.68 | 9.69 | 0.01 | 0.00 | 0.00 | 0.51 |
| | 4/14/2004 | 10.14 | 10.18 | 0.04 | 0.01 | 0.00 | 0.51 |
| | 4/23/2004 | 10.19 | 10.22 | 0.03 | 0.01 | 0.00 | 0.52 |
| | 5/7/2004 | 10.25 | 10.28 | 0.03 | 0.04 | 0.01 | 0.53 |
| | 5/28/2004 | 10.27 | 10.30 | 0.03 | 0.01 | 0.00 | 0.53 |
| | 6/4/2004 | 10.24 | 10.27 | 0.03 | 0.01 | 0.00 | 0.53 |
| | 6/18/2004 | 10.27 | 10.30 | 0.03 | 0.01 | 0.00 | 0.54 |
| | 7/29/2004 | 12.01 | 12.02 | 0.01 | 0.05 | 0.01 | 0.55 |
| | 8/13/2004 | 12.18 | 12.19 | 0.01 | 0.10 | 0.03 | 0.57 |
| | 8/27/2004 | 12.25 | 12.27 | 0.02 | 0.10 | 0.03 | 0.60 |
| | 9/10/2004 | 12.32 | 12.33 | 0.01 | 0.10 | 0.03 | 0.63 |
| | 9/23/2004 | 12.43 | 12.44 | 0.01 | 0.10 | 0.03 | 0.65 |
| | 10/5/2004 | 13.36 | 13.38 | 0.02 | 0.01 | 0.00 | 0.66 |
| | 10/21/2004 | 12.48 | 12.49 | 0.01 | 0.01 | 0.00 | 0.66 |
| | 11/2/2004 | 11.95 | 11.96 | 0.01 | 0.01 | 0.00 | 0.66 |
| | 11/12/2004 | 11.88 | 11.89 | 0.01 | 0.01 | 0.00 | 0.66 |
| | 12/2/2004 | 11.82 | 11.83 | 0.01 | 0.01 | 0.00 | 0.67 |
| | 12/10/2004 | 11.87 | 11.88 | 0.01 | 0.01 | 0.00 | 0.67 |
| | 2/9/2005 | 9.21 | 9.23 | 0.02 | 0.01 | 0.00 | 0.67 |
| | 2/25/2005 | 7.23 | 7.25 | 0.02 | 0.02 | 0.01 | 0.68 |
| | 3/11/2005 | 7.39 | 7.41 | 0.02 | 0.01 | 0.00 | 0.68 |
| | 3/25/2005 | 6.80 | 6.82 | 0.02 | 0.01 | 0.00 | 0.68 |
| | 4/7/2005 | 6.95 | 6.96 | 0.01 | 0.01 | 0.00 | 0.69 |
| | 4/22/2005 | 8.95 | 8.97 | 0.02 | 0.01 | 0.00 | 0.69 |
| | 6/24/2005 | -- | 10.10 | 0.00 | 0.00 | 0.00 | 0.69 |

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **MW-6** | 9/29/2005 | -- | 11.50 | 0.00 | 0.00 | 0.00 | 0.69 |
| cont. | 12/29-30/2005 | -- | 6.34 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 3/27-28/2006 | -- | 6.23 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 4/28/2006 | -- | 7.42 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 5/31/2006 | -- | 10.02 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 6/26/2006 | -- | 10.74 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 7/26/2006 | -- | 11.17 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 8/25/2006 | -- | 11.52 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 9/28/2006 | -- | 11.70 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 10/26/2006 | -- | 12.25 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 11/28/2006 | -- | 10.48 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 12/21-22/2006 | -- | 9.07 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 1/25/2007 | -- | 12.43 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 2/23/2007 | -- | 8.38 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 3/26-27/2007 | -- | 10.14 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 4/26/2007 | -- | 8.89 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 5/29/2007 | -- | 10.35 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 6/19/2007 | -- | 11.48 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 7/24/2007 | -- | 11.88 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 8/27/2007 | -- | 12.30 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 9/26/2007 | -- | 12.52 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 10/30/2007 | -- | 12.20 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 11/29/2007 | -- | 11.90 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 12/19/2007 | -- | 9.35 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 1/17/2008 | -- | 8.60 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 2/15/2008 | -- | 8.41 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 3/17/2008 | -- | 9.95 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 4/11/2008 | -- | 10.31 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 5/8/2008 | -- | 11.17 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 6/12/2008 | -- | 11.57 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 7/16/2008 | -- | 11.83 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 8/20/2008 | -- | 12.07 | 0.00 | 0.00 | 0.00 | 0.69 |
| | 9/17/2008 | -- | 12.64 | 0.00 | 0.00 | 0.00 | 0.69 |
| | **10/23/2008** | **--** | **12.80** | **0.00** | **0.00** | **0.00** | **0.69** |
| | **11/26/2008** | **--** | **11.57** | **0.00** | **0.00** | **0.00** | **0.69** |
| | **12/8/2008** | **--** | **11.81** | **0.00** | **0.00** | **0.00** | **0.69** |
| **MW-7** | 9/29/2005 | -- | 8.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/29/2005 | -- | 7.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27/2006 | -- | 7.56 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 7.93 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 8.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26-27/2006 | -- | 8.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/26/2006 | -- | 8.60 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 8.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28-29/2006 | -- | 8.81 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 8.98 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 8.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 8.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/25/2007 | -- | 8.79 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/23/2007 | -- | 8.28 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 8.29 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/26/2007 | -- | 8.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/29/2007 | -- | 8.64 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/19/2007 | -- | 8.89 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 9.31 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 9.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/26/2007 | -- | 9.72 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/30/2007 | -- | 8.77 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | -- | 8.99 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 7.51 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 7.58 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/15/2008 | -- | 7.92 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/17/2008 | -- | 8.15 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 8.42 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | -- | 8.81 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 9.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | -- | 9.53 | 0.00 | 0.00 | 0.00 | 0.00 |

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **MW-7** | 8/20/2008 | -- | 9.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| cont. | 9/17/2008 | -- | 9.84 | 0.00 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **--** | **10.03** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **--** | **9.04** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **9.17** | **0.00** | **0.00** | **0.00** | **0.00** |
| **MW-8** | 9/29/2005 | -- | 10.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/29-30/2005 | -- | 7.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27-28/2006 | -- | 7.59 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 8.29 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 9.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26-27/2006 | -- | 9.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/26/2006 | -- | 9.62 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 9.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28-29/2006 | -- | 9.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 10.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 9.33 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 8.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/25/2007 | -- | 9.66 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/23/2007 | -- | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 9.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 39198.00 | -- | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/29/2007 | -- | 9.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/19/2007 | -- | 9.95 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 10.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 10.62 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/26/2007 | -- | 10.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/30/2007 | -- | 9.87 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | -- | 10.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 8.62 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 8.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/15/2008 | -- | 8.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/17/2008 | -- | 9.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 9.60 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | -- | 9.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 10.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | -- | 10.56 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/20/2008 | -- | 10.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/17/2008 | -- | 10.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **--** | **11.12** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **--** | **10.16** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **10.25** | **0.00** | **0.00** | **0.00** | **0.00** |
| **MW-9** | 9/29/2005 | -- | 9.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/29/2005 | -- | 5.41 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27/2006 | -- | 5.43 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 8.67 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 8.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26/2006 | -- | 7.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/26/2006 | -- | 8.63 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 9.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28/2006 | -- | 9.35 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 9.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 9.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 7.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/25/2007 | -- | 9.55 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/23/2007 | -- | 8.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 7.86 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/26/2007 | -- | 7.72 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/29/2007 | -- | 7.92 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/19/2007 | -- | 9.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 9.53 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 9.95 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/26/2007 | -- | 10.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/30/2007 | -- | 9.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | -- | 9.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 7.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 8.90 | 0.00 | 0.00 | 0.00 | 0.00 |

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **MW-9** | 2/15/2008 | -- | 8.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| cont. | 3/17/2008 | -- | 7.71 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 9.47 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | -- | 8.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 9.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | -- | 9.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/20/2008 | -- | 10.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/17/2008 | -- | 10.19 | 0.00 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **--** | **10.45** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **--** | **9.40** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **9.19** | **0.00** | **0.00** | **0.00** | **0.00** |
| **MW-10** | 9/29/2005 | -- | 9.43 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/29/2005 | -- | 5.34 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27/2006 | -- | 5.21 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 6.64 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 7.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26/2006 | -- | 8.19 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/26/2006 | -- | 8.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 9.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28/2006 | -- | 9.32 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 9.52 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 8.57 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 7.16 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/25/2007 | -- | 8.82 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/23/2007 | -- | 7.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 7.91 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/26/2007 | -- | 7.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/29/2007 | -- | 8.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/19/2007 | -- | 9.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 9.56 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 9.92 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/26/2007 | -- | 10.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/30/2007 | -- | 8.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | -- | 8.92 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 7.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 7.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/15/2008 | -- | 7.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/17/2008 | -- | 7.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 8.52 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | -- | 8.72 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 9.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | -- | 9.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/20/2008 | -- | 9.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/17/2008 | -- | 10.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **--** | **10.27** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **--** | **8.72** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **9.16** | **0.00** | **0.00** | **0.00** | **0.00** |
| **MW-11** | 12/29/2005 | -- | 2.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27/2006 | -- | 2.63 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 4.68 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 6.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26/2006 | -- | 7.54 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/26/2006 | -- | 8.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 8.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28/2006 | -- | 8.84 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 9.34 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 7.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 5.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/25/2007 | -- | 8.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/23/2007 | -- | 4.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 6.93 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/26/2007 | -- | 5.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/29/2007 | -- | 7.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/19/2007 | -- | 8.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 8.97 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 9.86 | 0.00 | 0.00 | 0.00 | 0.00 |

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **MW-11** | 9/26/2007 | -- | 9.88 | 0.00 | 0.00 | 0.00 | 0.00 |
| cont. | 10/30/2007 | -- | 8.16 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | -- | 8.86 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 5.39 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 4.96 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/15/2008 | -- | 5.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/17/2008 | -- | 6.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 7.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | -- | 8.48 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 9.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | -- | 9.52 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/20/2008 | -- | 9.79 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/17/2008 | -- | 10.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **--** | **10.30** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **--** | **8.32** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **8.79** | **0.00** | **0.00** | **0.00** | **0.00** |
| **MW-12** | 12/29/2005 | -- | 1.38 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27-28/2006 | -- | 2.35 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 7.72 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 8.16 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26-27/2006 | -- | 9.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/26/2006 | -- | 9.35 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 9.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28-29/2006 | -- | 9.98 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 10.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 8.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 6.83 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/25/2007 | -- | 9.78 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/23/2007 | -- | 4.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 8.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/26/2007 | -- | 6.71 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/29/2007 | -- | 8.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/19/2007 | -- | 9.59 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 10.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 10.48 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/26/2007 | -- | 10.62 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/30/2007 | -- | 9.35 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | -- | 8.88 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 5.64 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 5.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/15/2008 | -- | 5.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/17/2008 | -- | 8.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 9.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | -- | 9.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 9.88 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | -- | 10.34 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/20/2008 | -- | 10.53 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/17/2008 | -- | 10.71 | 0.00 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **--** | **10.88** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **--** | **9.63** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **9.99** | **0.00** | **0.00** | **0.00** | **0.00** |
| **RW-1** | 9/29/2005 | -- | 11.60 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/27-28/2006 | -- | 6.60 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/28/2006 | -- | 7.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/31/2006 | -- | 10.15 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/26-27/2006 | -- | 10.85 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/26/2006 | -- | 11.24 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/25/2006 | -- | 11.60 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/28-29/2006 | -- | 11.81 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/26/2006 | -- | 11.98 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/28/2006 | -- | 10.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/21-22/2006 | -- | 9.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/25/2007 | -- | 11.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/23/2007 | -- | 8.28 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/26-27/2007 | -- | 10.21 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/26/2007 | -- | 9.07 | 0.00 | 0.00 | 0.00 | 0.00 |

**TABLE 3**

**SEPARATE-PHASE HYDROCARBON REMOVAL SUMMARY**
**CREDIT WORLD AUTO SALES**
**2345 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA**

| *Well ID* | *Date Sampled* | *Depth to SPH* (feet below TOC) | *Depth to Groundwater* (feet below TOC) | *SPH Thickness* (feet) | *Hydrocarbons Removed* (liters) | *Hydrocarbons Removed* (gallons) | *Cumulative Hydrocarbons Removed* (gallons) |
|---|---|---|---|---|---|---|---|
| **RW-1** | 5/29/2007 | -- | 11.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| cont. | 6/19/2007 | -- | 11.59 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/24/2007 | -- | 11.96 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/27/2007 | -- | 12.41 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/26/2007 | -- | 12.57 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 10/30/2007 | -- | 11.53 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 11/29/2007 | -- | 11.60 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12/19/2007 | -- | 9.59 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1/17/2008 | -- | 8.22 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 2/15/2008 | -- | 8.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3/17/2008 | -- | 10.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4/11/2008 | -- | 10.76 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 5/8/2008 | -- | 11.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6/12/2008 | -- | 11.68 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7/16/2008 | -- | 12.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8/20/2008 | -- | 12.35 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 9/17/2008 | 12.73 | 12.74 | 0.01 | 0.00 | 0.00 | 0.00 |
| | **10/23/2008** | **--** | **12.86** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **11/26/2008** | **--** | **11.61** | **0.00** | **0.00** | **0.00** | **0.00** |
| | **12/8/2008** | **--** | **11.90** | **0.00** | **0.00** | **0.00** | **0.00** |

***Hydrocarbons removed during the 3rd Quarter 2008 (gallons) =*** ***0.00***

***Cumulative hydrocarbons removed by bailing or purging (gallons) =*** ***66.71***

***Hydrocarbons removed by Tank Protect (see below) (gallons) =*** ***5.0***

***Cumulative estimated hydrocarbons removed to date (gallons) =*** ***71.71***

Notes:

SPH = Separate phase hydrocarbons
Depths measured in feet from top of well casing.
The volume of hydrocarbons removed prior to 12/27/2002 was estimated by multiplying casing volume (2" diameter casing = 0.60 liters/foot) by the SPH thickness (feet). After 12/27/2002 SPH volumes were measured in the field and recorded.
Note = approximately 3 to 5 gallons were reported to have been removed by Tank Protect between 8/20/97 and 1/14/98 with continuous free product removal system.

# APPENDIX A

# STANDARD FIELD PROCEDURES FOR GROUNDWATER MONITORING AND SAMPLING

# Conestoga-Rovers & Associates

## STANDARD FIELD PROCEDURES FOR GROUNDWATER MONITORING AND SAMPLING

This document presents standard field methods for groundwater monitoring, purging and sampling, and well development. These procedures are designed to comply with Federal, State and local regulatory guidelines. Cambria's specific field procedures are summarized below.

### Groundwater Elevation Monitoring

Prior to performing monitoring activities, the historical monitoring and analytical data of each monitoring well shall be reviewed to determine if any of the wells are likely to contain non-aqueous phase liquid (NAPL) and to determine the order in which the wells will be monitored (i.e. cleanest to dirtiest). Groundwater monitoring should not be performed when the potential exists for surface water to enter the well (i.e. flooding during a rainstorm).

Prior to monitoring, each well shall be opened and the well cap removed to allow water levels to stabilize and equilibrate. The condition of the well box and well cap shall be observed and recommended repairs noted. Any surface water that may have entered and flooded the well box should be evacuated prior to removing the well cap. In wells with no history of NAPL, the static water level and total well depth shall be measured to the nearest 0.01 foot with an electronic water level meter. Wells with the highest contaminant concentrations shall be measured last. In wells with a history of NAPL, the NAPL level/thickness and static water level shall be measured to the nearest 0.01 foot using an electronic interface probe. The water level meter and/or interface probe shall be thoroughly cleaned and decontaminated at the beginning of the monitoring event and between each well. Monitoring equipment shall be washed using soapy water consisting of Liqui-nox™ or Alconox™ followed by one rinse of clean tap water and then two rinses of distilled water.

### Groundwater Purging and Sampling

Prior to groundwater purging and sampling, the historical analytical data of each monitoring well shall be reviewed to determine the order in which the wells should be purged and sampled (i.e. cleanest to dirtiest). No purging or groundwater sampling shall be performed on wells with a measurable thickness of NAPL or floating NAPL globules. If a sheen is observed, the well should be purged and a groundwater sample collected only if no NAPL is present. Wells shall be purged either by hand using a disposal or PVC bailer or by using an aboveground pump (e.g. peristaltic or Wattera™) or down-hole pump (e.g. Grundfos™ or DC Purger pump).

Groundwater wells shall be purged approximately three to ten well-casing volumes (depending on the regulatory agency requirements) or until groundwater parameters of temperature, pH, and conductivity have stabilized to within 10% for three consecutive readings. Temperature, pH, and conductivity shall be measured and recorded at least once per well casing volume removed. The total volume of groundwater removed shall be recorded along with any other notable physical characteristic such as color and odor. If required, field parameters such as turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) shall also be measured prior to collection of each groundwater sample.

Groundwater samples shall be collected after the well has been purged. If the well is slow to recharge, a sample shall be collected after the water column is allowed to recharge to 80% of the pre-purging static water level. If the well does not recover to 80% in 2 hours, a sample shall be collected once there is enough groundwater in the well. Groundwater samples shall be collected using clean disposable bailers or pumps (if an operating remediation system exists on site and the project manager approves of its use for sampling) and shall be decanted into clean containers supplied by the analytical laboratory. New latex gloves and disposable tubing or bailers shall be

used for sampling each well. If a PVC bailer or down-hole pump is used for groundwater purging, it shall be decontaminated before purging each well by using soapy water consisting of Liqui-nox™ or Alconox™ followed by one rinse of clean tap water and then two rinses of distilled water. If a submersible pump with non-dedicated discharge tubing is used for groundwater purging, both the inside and outside of pump and discharge tubing shall be decontaminated as described above.

### Sample Handling

Except for samples that will be tested in the field, or that require special handling or preservation, samples shall be stored in coolers chilled to 4° C for shipment to the analytical laboratory. Samples shall be labeled, placed in protective foam sleeves or bubble wrap as needed, stored on crushed ice at or below 4° C, and submitted under chain-of-custody (COC) to the laboratory. The laboratory shall be notified of the sample shipment schedule and arrival time. Samples shall be shipped to the laboratory within a time frame to allow for extraction and analysis to be performed within the standard sample holding times.

Sample labels shall be filled out using indelible ink and must contain the site name; field identification number; the date, time, and location of sample collection; notation of the type of sample; identification of preservatives used; remarks; and the signature of the sampler. Field identification must be sufficient to allow easy cross-reference with the field datasheet.

All samples submitted to the laboratory shall be accompanied by a COC record to ensure adequate documentation. A copy of the COC shall be retained in the project file. Information on the COC shall consist of the project name and number; project location; sample numbers; sampler/recorder's signature; date and time of collection of each sample; sample type; analyses requested; name of person receiving the sample; and date of receipt of sample.

Laboratory-supplied trip blanks shall accompany the samples and be analyzed to check for cross-contamination, if requested by the project manager.

### Waste Handling and Disposal

Groundwater extracted during sampling shall be stored onsite in sealed U.S. DOT H17 55-gallon drums and shall be labeled with the contents, date of generation, generator identification, and consultant contact. Extracted groundwater may be disposed offsite by a licensed waste handler or may be treated and discharged via an operating onsite groundwater extraction/treatment system.

# APPENDIX B

# CERTIFIED ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

**McCampbell Analytical, Inc.**
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

| | | |
|---|---|---|
| Conestoga-Rovers & Associates | Client Project ID: #511000; Wong | Date Sampled: 12/08/08-12/09/08 |
| 5900 Hollis St, Suite A | | Date Received: 12/10/08 |
| Emeryville, CA 94608 | Client Contact: Mark Jonas | Date Reported: 12/17/08 |
| | Client P.O.: | Date Completed: 12/16/08 |

**WorkOrder: 0812299**

December 17, 2008

Dear Mark:

Enclosed within are:

1) The results of the **14** analyzed samples from your project: **#511000; Wong,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0812299

# McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

# CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAY

GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Mark Jonas Bill To: Conestoga-Rovers & Associates

Company: Conestoga-Rovers & Associates

5900 Hollis St., Ste. A

Emeryville, CA E-Mail: mjonas@craworld.com mwerner@craworld.com

Tele: (510) 420-3307 Fax: (510) 420-9170

Project #: 511000 Project Name: Dong

Project Location: 2345 International Blvd., Oakland, CA

Sampler Signature: Muskan Environmental Sampling

| SAMPLE ID | LOCATION/ Field Point Name | SAMPLING Date | SAMPLING Time | # Containers | Type Containers | MATRIX: Water | Soil | Air | Sludge | Other | METHOD PRESERVED: ICE | HCL | $HNO_3$ | Other | BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE | TPH as Diesel (8015) | Total Petroleum Oil & Grease (1664 / 5520 E/B&F) | Total Petroleum Hydrocarbons (418.1) | EPA 502.2 / 601 / 8010 / 8021 (HVOCs) | MTBE / BTEX ONLY (EPA 602 / 8021) | EPA 505/ 608 / 8081 (Cl Pesticides) | EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners | EPA 507 / 8141 (NP Pesticides) | EPA 515 / 8151 (Acidic Cl Herbicides) | EPA 524.2 / 624 / 8260 (VOCs) | EPA 525.2 / 625 / 8270 (SVOCs) | EPA 8270 SIM / 8310 (PAHs / PNAs) | CAM 17 Metals (200.7 / 200.8 / 6010 / 6020) | LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020) | Lead (200.7 / 200.8 / 6010 / 6020) | Other: confirmation of MTBE by 8260 | Other: MTBE, EtBE, DIPE, TAME, TBA & 8260 | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-1A | | 12-9-08 | 1:20 | 4 | VOA | X | | | | | X | X | | | X | | | | | | | | | | | | | | | | X | | |
| MW-1B | | 12-8-08 | 3:10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| MW-2A | | 12-9-08 | 2:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| MW-3A | | 12-9-08 | 2:50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| TMW-4A | | 12-9-08 | 8:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| TMW-5 | | 12-9-08 | 2:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| MW-6 | | 12-8-08 | 3:55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| MW-7 | | 12-9-08 | 8:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| MW-8 | | 12-9-08 | 7:40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| MW-9 | | 12-9-08 | 7:25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| MW-10 | | 12-8-08 | 11:35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| MW-11 | | 12-8-08 | 10:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| MW-12 | | 12-9-08 | 10:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| RW-1 | | 12-9-08 | 12:05 | 4 | 4 | | | | | | X | X | | | X | | | | | | | | | | | | | | | | X | | |

| Relinquished By: | Date: | Time: | Received By: |
|---|---|---|---|
| | 12/10/08 | 915 | |
| Relinquished By: | Date: | Time: | Received By: |
| | 12/10/08 | 930 | |
| Relinquished By: | Date: | Time: | Received By: |
| | | | |

ICE/t° 1.6

GOOD CONDITION ✓

HEAD SPACE ABSENT ✓

DECHLORINATED IN LAB

APPROPRIATE CONTAINERS ✓

PRESERVED IN LAB

PRESERVATION VOAS ✓ O&G METALS OTHER pH<2

COMMENTS:

Filter Samples for Metals analysis: Yes / No

**McCampbell Analytical, Inc.**
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

# CHAIN-OF-CUSTODY RECORD



**WorkOrder: 0812299** **ClientCode: CETE**

☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

**Report to:**
Mark Jonas
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: mjonas@CRAworld.com
cc:
PO:
ProjectNo: #511000; Wong

**Bill to:**
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

**Requested TAT:** 5 days

***Date Received:*** **12/10/2008**
***Date Printed:*** **12/10/2008**

| Lab ID | Client ID | Matrix | Collection Date | Hold | Requested Tests (See legend below) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 0812299-001 | MW-1A | Water | 12/9/2008 13:20 | ☐ | | A | A | | | | | | | | | |
| 0812299-002 | MW-1B | Water | 12/8/2008 15:10 | ☐ | | A | | | | | | | | | | |
| 0812299-003 | MW-2A | Water | 12/9/2008 14:00 | ☐ | | A | | | | | | | | | | |
| 0812299-004 | MW-3A | Water | 12/9/2008 14:50 | ☐ | B | A | | | | | | | | | | |
| 0812299-005 | TMW-4A | Water | 12/9/2008 8:15 | ☐ | | A | | | | | | | | | | |
| 0812299-006 | TMW-5 | Water | 12/9/2008 14:30 | ☐ | | A | | | | | | | | | | |
| 0812299-007 | MW-6 | Water | 12/8/2008 15:55 | ☐ | | A | | | | | | | | | | |
| 0812299-008 | MW-7 | Water | 12/9/2008 8:00 | ☐ | | A | | | | | | | | | | |
| 0812299-009 | MW-8 | Water | 12/9/2008 7:40 | ☐ | | A | | | | | | | | | | |
| 0812299-010 | MW-9 | Water | 12/9/2008 7:25 | ☐ | | A | | | | | | | | | | |
| 0812299-011 | MW-10 | Water | 12/8/2008 11:35 | ☐ | | A | | | | | | | | | | |
| 0812299-012 | MW-11 | Water | 12/8/2008 10:45 | ☐ | B | A | | | | | | | | | | |
| 0812299-013 | MW-12 | Water | 12/9/2008 10:30 | ☐ | B | A | | | | | | | | | | |
| 0812299-014 | RW-1 | Water | 12/9/2008 12:05 | ☐ | | A | | | | | | | | | | |

**Test Legend:**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5-OXYS_W | 2 | G-MBTEX_W | 3 | PREDF REPORT | 4 | | 5 | |
| 6 | | 7 | | 8 | | 9 | | 10 | |
| 11 | | 12 | | | | | | | |

**Prepared by: Maria Venegas**

**Comments:**

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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# Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**

Date and Time Received: **12/10/08 10:00:54 AM**

Project Name: **#511000; Wong**

Checklist completed and reviewed by: Maria Venegas

WorkOrder N°: **0812299** Matrix Water

Carrier: Rob Pringle (MAI Courier)

## Chain of Custody (COC) Information

| | | |
|---|---|---|
| Chain of custody present? | Yes ☑ | No ☐ |
| Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ |
| Chain of custody agrees with sample labels? | Yes ☑ | No ☐ |
| Sample IDs noted by Client on COC? | Yes ☑ | No ☐ |
| Date and Time of collection noted by Client on COC? | Yes ☑ | No ☐ |
| Sampler's name noted on COC? | Yes ☑ | No ☐ |

## Sample Receipt Information

| | | | |
|---|---|---|---|
| Custody seals intact on shipping container/cooler? | Yes ☐ | No ☐ | NA ☑ |
| Shipping container/cooler in good condition? | Yes ☑ | No ☐ | |
| Samples in proper containers/bottles? | Yes ☑ | No ☐ | |
| Sample containers intact? | Yes ☑ | No ☐ | |
| Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |

## Sample Preservation and Hold Time (HT) Information

| | | | |
|---|---|---|---|
| All samples received within holding time? | Yes ☑ | No ☐ | |
| Container/Temp Blank temperature | Cooler Temp: 1.6°C | | NA ☐ |
| Water - VOA vials have zero headspace / no bubbles? | Yes ☑ | No ☐ | No VOA vials submitted ☐ |
| Sample labels checked for correct preservation? | Yes ☑ | No ☐ | |
| TTLC Metal - pH acceptable upon receipt (pH<2)? | Yes ☐ | No ☐ | NA ☑ |
| Samples Received on Ice? | Yes ☑ | No ☐ | |

(Ice Type: WET ICE )

** NOTE: If the "No" box is checked, see comments below.*

---

Client contacted: Date contacted: Contacted by:

Comments:

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| | | |
|---|---|---|
| Conestoga-Rovers & Associates | Client Project ID: #511000; Wong | Date Sampled: 12/08/08-12/09/08 |
| | | Date Received: 12/10/08 |
| 5900 Hollis St, Suite A | Client Contact: Mark Jonas | Date Extracted: 12/13/08-12/15/08 |
| Emeryville, CA 94608 | Client P.O.: | Date Analyzed 12/13/08-12/15/08 |

**Oxygenated Volatile Organics by P&T and GC/MS***

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0812299

| Lab ID | 0812299-004B | 0812299-012B | 0812299-013B | | Reporting Limit for DF =1 | |
|---|---|---|---|---|---|---|
| Client ID | MW-3A | MW-11 | MW-12 | | | |
| Matrix | W | W | W | | | |
| DF | 3.3 | 1 | 330 | | S | W |
| **Compound** | **Concentration** | | | | ug/kg | µg/L |
| tert-Amyl methyl ether (TAME) | ND<1.7 | ND | 180 | | NA | 0.5 |
| t-Butyl alcohol (TBA) | 13 | ND | 1300 | | NA | 2.0 |
| Diisopropyl ether (DIPE) | ND<1.7 | ND | ND<170 | | NA | 0.5 |
| Ethyl tert-butyl ether (ETBE) | ND<1.7 | ND | ND<170 | | NA | 0.5 |
| Methyl-t-butyl ether (MTBE) | ND<1.7 | ND | 7300 | | NA | 0.5 |
| **Surrogate Recoveries (%)** | | | | | | |
| %SS1: | 108 | 113 | 107 | | | |
| **Comments** | | | | | | |

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

# surrogate diluted out of range or surrogate coelutes with another peak.

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| | | |
|---|---|---|
| Conestoga-Rovers & Associates | Client Project ID: #511000; Wong | Date Sampled: 12/08/08-12/09/08 |
| | | Date Received: 12/10/08 |
| 5900 Hollis St, Suite A | Client Contact: Mark Jonas | Date Extracted: 12/13/08-12/16/08 |
| Emeryville, CA 94608 | Client P.O.: | Date Analyzed 12/13/08-12/16/08 |

**Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE***

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0812299

| Lab ID | Client ID | Matrix | TPH(g) | MTBE | Benzene | Toluene | Ethylbenzene | Xylenes | DF | % SS |
|---|---|---|---|---|---|---|---|---|---|---|
| 001A | MW-1A | W | 31,000,d1,b6 | ND<500 | 2800 | 180 | 1200 | 3400 | 100 | 100 |
| 002A | MW-1B | W | ND | ND | ND | ND | ND | ND | 1 | 97 |
| 003A | MW-2A | W | 27,000,d1,b6 | ND<100 | 480 | 28 | 2000 | 220 | 20 | 106 |
| 004A | MW-3A | W | 5100,d1 | ND<50 | 55 | 5.5 | ND<5.0 | 32 | 10 | 100 |
| 005A | TMW-4A | W | ND | ND | ND | ND | ND | ND | 1 | 95 |
| 006A | TMW-5 | W | 110,000,d1,b6 | ND<450 | 2200 | 200 | 2800 | 2400 | 50 | 96 |
| 007A | MW-6 | W | 4400,d1 | ND<25 | 430 | 14 | 2.5 | 7.6 | 5 | 117 |
| 008A | MW-7 | W | ND | ND | ND | ND | ND | ND | 1 | 96 |
| 009A | MW-8 | W | ND | ND | ND | ND | ND | ND | 1 | 94 |
| 010A | MW-9 | W | ND | ND | ND | ND | ND | ND | 1 | 93 |
| 011A | MW-10 | W | ND | ND | ND | ND | ND | ND | 1 | 93 |
| 012A | MW-11 | W | 350,d7 | ND | ND | ND | ND | ND | 1 | 105 |
| 013A | MW-12 | W | 300,d6 | 7000 | 2.6 | ND<2.5 | 2.9 | ND<2.5 | 5 | 93 |
| 014A | RW-1 | W | 13,000,d1,b6 | ND<100 | 1300 | 32 | 390 | 110 | 20 | 106 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Reporting Limit for DF =1; ND means not detected at or above the reporting limit | | W | 50 | 5 | 0.5 | 0.5 | 0.5 | 0.5 | µg/L | |
| | | S | 1.0 | 0.05 | 0.005 | 0.005 | 0.005 | 0.005 | mg/Kg | |

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b6) lighter than water immiscible sheen/product is present
d1) weakly modified or unmodified gasoline is significant
d6) one to a few isolated non-target peaks present in the TPH(g) chromatogram
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

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# QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 40177 WorkOrder 0812299

**EPA Method SW8260B** **Extraction SW5030B** **Spiked Sample ID: 0812298-007B**

| Analyte | Sample | Spiked | MS | MSD | MS-MSD | LCS | LCSD | LCS-LCSD | Acceptance Criteria (%) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | µg/L | µg/L | % Rec. | % Rec. | % RPD | % Rec. | % Rec. | % RPD | MS / MSD | RPD | LCS/LCSD | RPD |
| tert-Amyl methyl ether (TAME) | ND | 10 | 94.9 | 96 | 1.13 | 83.7 | 84.3 | 0.653 | 70 - 130 | 30 | 70 - 130 | 30 |
| t-Butyl alcohol (TBA) | ND | 50 | 79.2 | 87.5 | 9.67 | 79 | 82.3 | 4.10 | 70 - 130 | 30 | 70 - 130 | 30 |
| Diisopropyl ether (DIPE) | ND | 10 | 98.7 | 104 | 5.49 | 108 | 109 | 0.430 | 70 - 130 | 30 | 70 - 130 | 30 |
| Ethyl tert-butyl ether (ETBE) | ND | 10 | 111 | 118 | 5.93 | 113 | 112 | 0.453 | 70 - 130 | 30 | 70 - 130 | 30 |
| Methyl-t-butyl ether (MTBE) | 1.2 | 10 | 89 | 108 | 16.9 | 94.7 | 95.7 | 1.07 | 70 - 130 | 30 | 70 - 130 | 30 |
| %SS1: | 111 | 25 | 109 | 107 | 2.01 | 86 | 86 | 0 | 70 - 130 | 30 | 70 - 130 | 30 |

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40177 SUMMARY

| Lab ID | Date Sampled | Date Extracted | Date Analyzed | Lab ID | Date Sampled | Date Extracted | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 0812299-004B | 12/09/08 2:50 PM | 12/15/08 | 12/15/08 2:21 PM | 0812299-012B | 12/08/08 10:45 AM | 12/13/08 | 12/13/08 6:16 AM |
| 0812299-013B | 12/09/08 10:30 AM | 12/15/08 | 12/15/08 3:05 PM | | | | |

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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# QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 40158 WorkOrder 0812299

**EPA Method SW8021B/8015Cm** **Extraction SW5030B** **Spiked Sample ID: 0812259-001A**

| Analyte | Sample | Spiked | MS | MSD | MS-MSD | LCS | LCSD | LCS-LCSD | Acceptance Criteria (%) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | µg/L | µg/L | % Rec. | % Rec. | % RPD | % Rec. | % Rec. | % RPD | MS / MSD | RPD | LCS/LCSD | RPD |
| TPH(btex)£ | ND | 60 | 101 | 106 | 4.08 | 110 | 114 | 3.81 | 70 - 130 | 20 | 70 - 130 | 20 |
| MTBE | ND | 10 | 77 | 90.8 | 16.4 | 118 | 120 | 1.04 | 70 - 130 | 20 | 70 - 130 | 20 |
| Benzene | ND | 10 | 108 | 111 | 2.17 | 94 | 97.3 | 3.40 | 70 - 130 | 20 | 70 - 130 | 20 |
| Toluene | ND | 10 | 120 | 123 | 2.38 | 100 | 103 | 2.89 | 70 - 130 | 20 | 70 - 130 | 20 |
| Ethylbenzene | ND | 10 | 119 | 118 | 0.591 | 97.8 | 100 | 2.66 | 70 - 130 | 20 | 70 - 130 | 20 |
| Xylenes | ND | 30 | 124 | 124 | 0 | 111 | 115 | 2.75 | 70 - 130 | 20 | 70 - 130 | 20 |
| %SS: | 94 | 10 | 106 | 109 | 2.31 | 102 | 101 | 0.0473 | 70 - 130 | 20 | 70 - 130 | 20 |

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40158 SUMMARY

| Lab ID | Date Sampled | Date Extracted | Date Analyzed | Lab ID | Date Sampled | Date Extracted | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 0812299-001A | 12/09/08 1:20 PM | 12/13/08 | 12/13/08 8:02 PM | 0812299-002A | 12/08/08 3:10 PM | 12/14/08 | 12/14/08 3:52 AM |
| 0812299-003A | 12/09/08 2:00 PM | 12/16/08 | 12/16/08 7:17 AM | | | | |

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

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# QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 40178 WorkOrder 0812299

**EPA Method SW8021B/8015Cm** **Extraction SW5030B** **Spiked Sample ID: 0812299-011A**

| Analyte | Sample | Spiked | MS | MSD | MS-MSD | LCS | LCSD | LCS-LCSD | Acceptance Criteria (%) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | µg/L | µg/L | % Rec. | % Rec. | % RPD | % Rec. | % Rec. | % RPD | MS / MSD | RPD | LCS/LCSD | RPD |
| TPH(btex)£ | ND | 60 | 95.3 | 93.2 | 2.23 | 93.5 | 98.3 | 4.97 | 70 - 130 | 20 | 70 - 130 | 20 |
| MTBE | ND | 10 | 110 | 99.3 | 10.1 | 97.9 | 106 | 8.15 | 70 - 130 | 20 | 70 - 130 | 20 |
| Benzene | ND | 10 | 94.4 | 94.3 | 0.0299 | 91.6 | 98.6 | 7.34 | 70 - 130 | 20 | 70 - 130 | 20 |
| Toluene | ND | 10 | 87.2 | 85.1 | 2.43 | 83.2 | 88.7 | 6.48 | 70 - 130 | 20 | 70 - 130 | 20 |
| Ethylbenzene | ND | 10 | 97.3 | 95.1 | 2.24 | 92.6 | 97.4 | 5.09 | 70 - 130 | 20 | 70 - 130 | 20 |
| Xylenes | ND | 30 | 96.3 | 93.4 | 3.03 | 90.8 | 93.2 | 2.55 | 70 - 130 | 20 | 70 - 130 | 20 |
| %SS: | 93 | 10 | 103 | 98 | 5.17 | 97 | 101 | 4.17 | 70 - 130 | 20 | 70 - 130 | 20 |

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40178 SUMMARY

| Lab ID | Date Sampled | Date Extracted | Date Analyzed | Lab ID | Date Sampled | Date Extracted | Date Analyzed |
|---|---|---|---|---|---|---|---|
| 0812299-004A | 12/09/08 2:50 PM | 12/14/08 | 12/14/08 11:15 AM | 0812299-005A | 12/09/08 8:15 AM | 12/14/08 | 12/14/08 4:59 AM |
| 0812299-006A | 12/09/08 2:30 PM | 12/13/08 | 12/13/08 9:31 AM | 0812299-007A | 12/08/08 3:55 PM | 12/14/08 | 12/14/08 6:06 AM |
| 0812299-008A | 12/09/08 8:00 AM | 12/14/08 | 12/14/08 6:40 AM | 0812299-009A | 12/09/08 7:40 AM | 12/14/08 | 12/14/08 7:13 AM |
| 0812299-010A | 12/09/08 7:25 AM | 12/14/08 | 12/14/08 7:47 AM | 0812299-011A | 12/08/08 11:35 AM | 12/14/08 | 12/14/08 6:01 PM |
| 0812299-012A | 12/08/08 10:45 AM | 12/14/08 | 12/14/08 5:33 AM | 0812299-013A | 12/09/08 10:30 AM | 12/14/08 | 12/14/08 1:05 AM |
| 0812299-014A | 12/09/08 12:05 PM | 12/14/08 | 12/14/08 4:26 AM | | | | |

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

DHS ELAP Certification 1644

QA/QC Officer

# APPENDIX C

# FIELD DATA SHEETS

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL GAUGING SHEET

**Client:** Conestoga-Rovers and Associates

**Site Address:** 2345 International Boulevard, Oakland, CA

**Date:** 10/23/2008 **Signature:**

| Well ID | Time | Depth to SPH | Depth to Water | SPH Thickness | Depth to Bottom | Comments |
|---|---|---|---|---|---|---|
| MW-1A | 10:55 | 13.59 | 13.60 | 0.01 | -- | Well MW-2A gauged with skimmer in well, skimmer empty. Well MW-3A guagued with skimmer in well, skimmer empty. MW-2A and RW-1 heavy sheen |
| MW-1B | 10:22 | -- | 14.57 | -- | -- | |
| MW-2A | 10:45 | -- | 11.82 | -- | -- | |
| MW-3A | 10:40 | -- | 13.35 | -- | -- | |
| TMW-4A | 9:50 | -- | 11.08 | -- | -- | |
| TMW-5 | 11:00 | 12.80 | 12.81 | 0.01 | -- | |
| MW-6 | 10:30 | -- | 12.80 | -- | -- | |
| MW-7 | 9:55 | -- | 10.03 | -- | -- | |
| MW-8 | 10:00 | -- | 11.12 | -- | -- | |
| MW-9 | 10:05 | -- | 10.45 | -- | -- | |
| MW-10 | 10:10 | -- | 10.27 | -- | -- | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL GAUGING SHEET

**Client:** Conestoga-Rovers and Associates

**Site Address:** 2345 International Boulevard, Oakland, CA

**Date:** 10/23/2008 **Signature:**

| Well ID | Time | Depth to SPH | Depth to Water | SPH Thickness | Depth to Bottom | Comments |
|---|---|---|---|---|---|---|
| MW-11 | 10:15 | -- | 10.30 | -- | -- | Well MW-2A gauged with skimmer in well, skimmer empty. Well MW-3A guagued with skimmer in well, skimmer empty. MW-2A and RW-1 heavy sheen |
| MW-12 | 10:35 | -- | 10.88 | -- | -- | |
| RW-1 | 10:50 | -- | 12.86 | -- | -- | |
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MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL GAUGING SHEET

**Client:** Conestoga-Rovers and Associates

**Site Address:** 2345 International Boulevard, Oakland, CA

**Date:** 11/26/2008 **Signature:**

| Well ID | Time | Depth to SPH | Depth to Water | SPH Thickness | Depth to Bottom | Comments |
|---|---|---|---|---|---|---|
| MW-1A | 10:15 | 13.25 | 13.26 | 0.01 | -- | Well MW-2A gauged with skimmer in well, skimmer empty. Well MW-3A guagued with skimmer in well, skimmer empty. MW-2A and RW-1 heavy sheen |
| MW-1B | 9:30 | -- | 14.08 | -- | -- | |
| MW-2A | 10:10 | -- | 10.55 | -- | -- | |
| MW-3A | 9:57 | -- | 12.09 | -- | -- | |
| TMW-4A | 9:25 | -- | 9.70 | -- | -- | |
| TMW-5 | 10:20 | 11.23 | 11.24 | 0.01 | -- | |
| MW-6 | 9:35 | -- | 11.57 | -- | -- | |
| MW-7 | 9:20 | -- | 9.04 | -- | -- | |
| MW-8 | 9:15 | -- | 10.16 | -- | -- | |
| MW-9 | 9:10 | -- | 9.40 | -- | -- | |
| MW-10 | 9:05 | -- | 8.72 | -- | -- | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL GAUGING SHEET

**Client:** Conestoga-Rovers and Associates

**Site Address:** 2345 International Boulevard, Oakland, CA

**Date:** 11/26/2008 **Signature:**

| Well ID | Time | Depth to SPH | Depth to Water | SPH Thickness | Depth to Bottom | Comments |
|---|---|---|---|---|---|---|
| MW-11 | 9:42 | -- | 8.32 | -- | -- | Well MW-2A gauged with skimmer in well, skimmer empty. Well MW-3A guagued with skimmer in well, skimmer empty. MW-2A and RW-1 heavy sheen |
| MW-12 | 9:50 | -- | 9.63 | -- | -- | |
| RW-1 | 10:05 | -- | 11.61 | -- | -- | |
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MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL GAUGING SHEET

**Client:** Conestoga-Rovers and Associates

**Site Address:** 2345 International Boulevard, Oakland, CA

**Date:** 12/8/2008 **Signature:**

| Well ID | Time | Depth to SPH | Depth to Water | SPH Thickness | Depth to Bottom | Comments |
|---|---|---|---|---|---|---|
| MW-1A | 9:45 | | 12.41 | | 19.40 | Well MW-2A gauged with skimmer in well, skimmer empty. Well MW-3A guagued with skimmer in well, skimmer empty. MW-2A and MW-3A sheen |
| MW-1B | 8:55 | | 13.63 | | 34.55 | |
| MW-2A | 9:25 | | 10.83 | | 18.55 | |
| MW-3A | 9:20 | | 12.27 | | 20.10 | |
| TMW-4A | 8:50 | | 9.84 | | 20.15 | |
| TMW-5 | 9:55 | 11.63 | 11.64 | 0.01 | 20.45 | |
| MW-6 | 9:00 | | 11.81 | | 18.80 | |
| MW-7 | 8:45 | | 9.17 | | 18.65 | |
| MW-8 | 8:40 | | 10.25 | | 18.00 | |
| MW-9 | 8:35 | | 9.19 | | 19.39 | |
| MW-10 | 8:30 | | 9.16 | | 18.33 | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL GAUGING SHEET

**Client:** Conestoga-Rovers and Associates

**Site Address:** 2345 International Boulevard, Oakland, CA

**Date:** 12/8/2008 **Signature:**

| Well ID | Time | Depth to SPH | Depth to Water | SPH Thickness | Depth to Bottom | Comments |
|---|---|---|---|---|---|---|
| MW-11 | 9:07 | | 8.79 | | 17.71 | Well MW-2A gauged with skimmer in well, skimmer empty. Well MW-3A guagued with skimmer in well, skimmer empty. MW-2A and MW-3A sheen |
| MW-12 | 9:15 | | 9.99 | | 19.65 | |
| RW-1 | 9:35 | | 11.90 | | 20.60 | |
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MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | MW-1A |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | | | |
|---|---|---|---|
| Total Well Depth: | 19.40 | **Fe=** | **mg/L** |
| Depth to Water: | 12.41 | **ORP=** | **mV** |
| Water Column Height: | 6.99 | **DO=** | **mg/L** |
| Gallons/ft: | 0.65 | | |
| 1 Casing Volume (gal): | 4.54 | | |
| 3 Casing Volumes (gal): | 13.63 | | |

**COMMENTS:**
very turbid, silty, heavy sheen

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 12:20 | 4.5 | 18.4 | 7.18 | 794 |
| 12:40 | 9.1 | 18.6 | 7.25 | 780 |
| 1:00 | 13.6 | 18.1 | 7.27 | 803 |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| MW-1A | 12/9/2008 | 1:20 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | **Signature:** | | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | MW-1B |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 34.55 |
| Depth to Water: | 13.63 |
| Water Column Height: | 20.92 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 13.60 |
| 3 Casing Volumes (gal): | 40.79 |

| | |
|---|---|
| **Fe=** | **mg/L** |
| **ORP=** | **mV** |
| **DO=** | **mg/L** |

**COMMENTS:**
very turbid, silty

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 2:20 | 13.6 | 18.6 | 7.10 | 1079 |
| 2:35 | 27.2 | 18.6 | 7.14 | 1150 |
| 2:50 | 40.8 | 18.4 | 7.15 | 1129 | |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| MW-1B | 12/8/2008 | 3:10 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | **Signature:** | | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | MW-2A |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 18.55 |
| Depth to Water: | 10.83 |
| Water Column Height: | 7.72 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 5.02 |
| 3 Casing Volumes (gal): | 15.05 |

| | | | | |
|---|---|---|---|---|
| **Fe=** | **mg/L** | | | |
| **ORP=** | **mV** | | | |
| **DO=** | **mg/L** | | | |

**COMMENTS:**
very turbid, silty, heavy sheen

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 1:35 | 5.0 | 18.2 | 7.19 | 923 |
| 1:40 | 10.0 | 18.4 | 7.20 | 940 |
| 1:50 | 15.1 | 18.3 | 7.24 | 936 |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| MW-2A | 12/9/2008 | 2:00 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | **Signature:** | | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | MW-3A |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 20.10 |
| Depth to Water: | 12.27 |
| Water Column Height: | 7.83 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 5.09 |
| 3 Casing Volumes (gal): | 15.27 |

| | **Fe=** | **mg/L** |
|---|---|---|
| | **ORP=** | **mV** |
| | **DO=** | **mg/L** |

**COMMENTS:**
turbid, heavy sheen @ 12/9/08 @ 2:45 PM DTW = 15.12

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 11:00 | 5.0 | 18.7 | 7.16 | 1217 |
| 11:20 | 9.0 | Dewtered | | |
| | | | | |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| MW-3A | 12/9/2008 | 2:50 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE<br>ETBE<br>DIPE<br>TAME<br>TBA | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | **Signature:** | | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | TMW-4A |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 20.15 |
| Depth to Water: | 9.84 |
| Water Column Height: | 10.31 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 6.70 |
| 3 Casing Volumes (gal): | 20.10 |

| | |
|---|---|
| **Fe=** | **mg/L** |
| **ORP=** | **mV** |
| **DO=** | **mg/L** |

**COMMENTS:**
very turbid, silty, 12/9/08 @ 8:10 AM DTW = 10.51

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 1:40 | 7.0 | 17.9 | 7.21 | 1220 |
| 2:05 | 13.0 | Dewatered | | |
| | | | | |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| TMW-4A | 12/9/2008 | 8:15 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | **Signature:** | | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | TMW-5 |
| Well Diameter: | 2" |
| Purging Device: | Disposable Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 20.45 |
| Depth to Water: | 11.64 |
| Water Column Height: | 8.81 |
| Gallons/ft: | 0.16 |
| 1 Casing Volume (gal): | 1.41 |
| 3 Casing Volumes (gal): | 4.23 |

| | |
|---|---|
| **Fe=** | **mg/L** |
| **ORP=** | **mV** |
| **DO=** | **mg/L** |

**COMMENTS:**
SPH at 11.63, SPH thickness = 0.01, very turbid, silty

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 2:15 | 1.4 | 18.6 | 7.13 | 890 |
| 2:20 | 2.8 | 19.0 | 7.08 | 876 |
| 2:25 | 4.2 | 18.8 | 7.11 | 902 |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| TMW-5 | 12/9/2008 | 2:30 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | **Signature:** | | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | MW-6 |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 18.80 |
| Depth to Water: | 11.81 |
| Water Column Height: | 6.99 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 4.54 |
| 3 Casing Volumes (gal): | 13.63 |

| | |
|---|---|
| **Fe=** | **mg/L** |
| **ORP=** | **mV** |
| **DO=** | **mg/L** |

**COMMENTS:**

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 3:25 | 4.5 | 19.1 | 7.13 | 1049 |
| 3:35 | 9.1 | 18.9 | 7.19 | 1116 |
| 3:45 | 13.6 | 18.9 | 7.20 | 1102 |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| MW-6 | 12/8/2008 | 3:55 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | **Signature:** | | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | MW-7 |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 18.65 |
| Depth to Water: | 9.17 |
| Water Column Height: | 9.48 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 6.16 |
| 3 Casing Volumes (gal): | 18.49 |

| | |
|---|---|
| **Fe=** | **mg/L** |
| **ORP=** | **mV** |
| **DO=** | **mg/L** |

**COMMENTS:**
very turbid, very silty, 12/9/08 @ 7:55 AM DTW = 10.12

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 1:00 | 6.0 | 17.6 | 7.49 | 612 |
| 1:25 | 8.5 | Dewatered | | |
| | | | | |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| MW-7 | 12/9/2008 | 8:00 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | **Signature:** | | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | MW-8 |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 18.00 |
| Depth to Water: | 10.25 |
| Water Column Height: | 7.75 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 5.04 |
| 3 Casing Volumes (gal): | 15.11 |

| | |
|---|---|
| **Fe=** | **mg/L** |
| **ORP=** | **mV** |
| **DO=** | **mg/L** |

**COMMENTS:**
very turbid, very sitly, 12/9/08 @ 7:35 AM DTW = 13.81

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 12:35 | 5.0 | 18.2 | 7.29 | 1090 |
| 12:45 | 6.0 | Dewatered | | |
| | | | | |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| MW-8 | 12/9/2008 | 7:40 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | **Signature:** | | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | MW-9 |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 19.39 |
| Depth to Water: | 9.19 |
| Water Column Height: | 10.20 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 6.63 |
| 3 Casing Volumes (gal): | 19.89 |

| | | | | |
|---|---|---|---|---|
| **TIME:** | **CASING VOLUME (gal)** | **TEMP (Celsius)** | **pH** | **COND. (µS)** |
| 11:50 | 6.5 | 17.8 | 7.21 | 874 |
| 12:10 | 12.0 | Dewatered | | |
| | | | | |
| | | | | |
| | | | | |

| | |
|---|---|
| **Fe=** | **mg/L** |
| **ORP=** | **mV** |
| **DO=** | **mg/L** |

**COMMENTS:**
very turbid, silty, 12/9/08 @ 7:20 AM DTW = 11.26

| **Sample ID:** | **Sample Date:** | **Sample Time:** | **Container Type** | **Preservative** | **Analytes** | **Method** |
|---|---|---|---|---|---|---|
| MW-9 | 12/9/2008 | 7:25 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | **Signature:** | | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | MW-10 |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 18.33 |
| Depth to Water: | 9.16 |
| Water Column Height: | 9.17 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 5.96 |
| 3 Casing Volumes (gal): | 17.88 |

| | |
|---|---|
| **Fe=** | **mg/L** |
| **ORP=** | **mV** |
| **DO=** | **mg/L** |

**COMMENTS:**
very turbid, silty

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 11:00 | 6.0 | 17.9 | 7.17 | 720 |
| 11:05 | 11.9 | 17.7 | 7.14 | 742 |
| 11:20 | 17.9 | 18.0 | 7.09 | 739 |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| MW-10 | 12/8/2008 | 11:35 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**Signature:**

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | MW-11 |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 17.71 |
| Depth to Water: | 8.79 |
| Water Column Height: | 8.92 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 5.80 |
| 3 Casing Volumes (gal): | 17.39 |

| | |
|---|---|
| **Fe=** | **mg/L** |
| **ORP=** | **mV** |
| **DO=** | **mg/L** |

**COMMENTS:**
very turbid, light sheen

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 10:20 | 5.8 | 17.9 | 7.35 | 640 |
| 10:25 | 11.6 | 17.9 | 7.31 | 661 |
| 10:30 | 17.4 | 17.4 | 7.39 | 675 |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| MW-11 | 12/8/2008 | 10:45 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE<br>ETBE<br>DIPE<br>TAME<br>TBA | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | **Signature:** | | |

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | MW-12 |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 19.65 |
| Depth to Water: | 9.99 |
| Water Column Height: | 9.66 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 6.28 |
| 3 Casing Volumes (gal): | 18.84 |

| | |
|---|---|
| **Fe=** | **mg/L** |
| **ORP=** | **mV** |
| **DO=** | **mg/L** |

**COMMENTS:**
turbid

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 8:55 | 6.3 | 17.9 | 7.03 | 1007 |
| 9:20 | 12.6 | 18.3 | 7.06 | 981 |
| 9:55 | 18.8 | 18.7 | 7.05 | 994 |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| MW-12 | 12/9/2008 | 10:30 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE<br>ETBE<br>DIPE<br>TAME<br>TBA | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**Signature:**

MUSKAN
ENVIRONMENTAL
SAMPLING

# WELL SAMPLING FORM

| | |
|---|---|
| **Date:** | 12/8/2008 |
| **Client:** | Conestoga-Rovers and Associates |
| **Site Address:** | 2345 Internatioanl Boulevard, Oakland, CA |
| Well ID: | RW-1 |
| Well Diameter: | 4" |
| Purging Device: | 3" PVC Bailer |
| Sampling Method: | Disposable Bailer |

| | |
|---|---|
| Total Well Depth: | 20.60 |
| Depth to Water: | 11.90 |
| Water Column Height: | 8.70 |
| Gallons/ft: | 0.65 |
| 1 Casing Volume (gal): | 5.66 |
| 3 Casing Volumes (gal): | 16.97 |

| | |
|---|---|
| **Fe=** | **mg/L** |
| **ORP=** | **mV** |
| **DO=** | **mg/L** |

**COMMENTS:**
very turbid, silty, heavy sheen

| TIME: | CASING VOLUME (gal) | TEMP (Celsius) | pH | COND. (µS) |
|---|---|---|---|---|
| 11:35 | 5.7 | 18.6 | 7.02 | 1170 |
| 11:40 | 11.3 | 18.1 | 7.06 | 1159 |
| 11:55 | 17.0 | 18.4 | 7.06 | 1151 |
| | | | | |
| | | | | |

| Sample ID: | Sample Date: | Sample Time: | Container Type | Preservative | Analytes | Method |
|---|---|---|---|---|---|---|
| RW-1 | 12/9/2008 | 12:05 | 40 ml VOA | HCl, ICE | TPHg<br>BTEX<br>MTBE | 8015, 8021B, 8260B |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**Signature:**