

Stantec Consulting Services Inc.

3017 Kilgore Road Suite 100 Rancho Cordova CA 95670 Tel: (916) 861-0400

Fax: (916) 861-0430

December 11, 2012

### RECEIVED

By Alameda County Environmental Health at 8:28 am, Jan 17, 2013

Mr. Jerry Wickham Alameda County Environmental Health Services Environmental Protection 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577

RE: Enclosed Quarterly Groundwater Monitoring Report,

Fourth Quarter 2012
7-Eleven Store #32266
1339 North Vasco Road
Livermore, CA 94551
Stantec Project #:211502037.230.0506

Stanted Project #:211502037.230.0506

Dear Mr. Wickham:

Stantec Consulting Services Inc. has been designated as Limited Agent of 7-Eleven, Inc. (7-Eleven) for the purposes of executing and delivering instruments and documents on behalf of 7-Eleven (see attached Limited Authorization form).

We declare, under penalty of perjury, that the information and/or recommendations contained in the attached assessment report are true and correct to best of our knowledge.

Should you have any questions regarding this site, please contact the undersigned at (916) 861-0400.

Sincerely,

Stantec Consulting Services Inc.

Damon Brown

Senior Geologic Consultant

Project Manager

Amanda Magee, P.G.

Associate Geologist

AMANDA MAGEE No. 8908

PIF OF CALIFORNIE

### LIMITED AUTHORIZATION

### KNOW ALL MEN BY THESE PRESENTS:

That 7-ELEVEN, INC. ("7-Eleven"), a Texas corporation, acting by and through Doug Rosencrans, Vice President, does hereby nominate, constitute and appoint STANTEC CONSULTING SERVICES INC. a Delaware corporation formerly known as Stantec Consulting Corporation, as Limited Agent ("Agent") of 7-Eleven, for purposes of executing and delivering instruments and documents as more particularly described below, and does hereby grant, delegate and invest said Agent with power and authority to execute and deliver for, in the name of, and on behalf of 7-Eleven, and in connection with that certain Amended and Restated Agreement by and between 7-Eleven and Agent dated as of January 1, 2010 (as amended, the "Agreement"), the instruments and documents listed in Attachment I hereto.

Agent may exercise the power and authority herein granted, delegated and invested, in any particular and appropriate transaction or matter, as an agent of 7-Eleven. Any instruments and documents executed and delivered by Agent under this Limited Authorization shall be acts of 7-Eleven and may be relied upon by third parties dealing with 7-Eleven, such acts being hereby ratified and confirmed by virtue hereof. Agent shall deliver all instruments and documents executed and delivered by Agent under this Limited Authorization to 7-Eleven promptly following such execution and delivery.

Any and all acts of Agent hereunder shall comply with all applicable federal, state and local laws, regulations, rules and ordinances and with all applicable orders of any courts of competent jurisdiction.

This Limited Authorization shall expire upon the expiration or earlier termination of the Agreement, except as otherwise provided therein, or may be terminated at any time for any reason by 7-Eleven.

APPROVED AND EXECUTED this 10th day of January, 2012, to be effective as of the date hereof.

7-ELEVEN, INC.

NE I

Assistant Secretary

Name: Doug Rosencrans

Title Vice President

STATE OF TEXAS §
COUNTY OF DALLAS §

BEFORE ME, the undersigned, a Notary Public in and for the County and State aforesaid, on this day personally appeared Doug Rosencrans and Steven R. Seldowitz, Vice President and Assistant Secretary, respectively, of 7-Eleven, Inc., known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that the same was the act of the said corporation, a Texas corporation, and that they executed the same as the act of such corporation for the purposes and consideration therein expressed and in the capacities therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 10th day of January, 2012.

NOTARY PUBLIC

My Commission Expires:

6-1.2013

Karen Pennell
Notary Public, State of Texas
My Comm. Expires 05/01/2013

### Stantec Consulting Services Inc.

3017 Kilgore Road Suite 100 Rancho Cordova CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

### **Quarterly Groundwater Monitoring Report Fourth Quarter 2012**

7-Eleven Store #32266 1339 North Vasco Road Livermore, California

Stantec Project No.: 211502037.230.0506

### Submitted to:

Mr. Jerry Wickham Alameda County Environmental Health Services Environmental Protection 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502

### Prepared on behalf of:

7-Eleven, Inc. Mr. Jose Rios P.O. Box 711 Dallas, TX 75221-0711

December 12, 2012



Stantec Consulting Services Inc. 3017 Kilgore Road Suite 100 Rancho Cordova CA 95670 Tel: (916) 861-0400

Fax: (916) 861-0430

DATE: December 12, 2012

### 7-ELEVEN, INC. QUARTERLY REPORT

Store Number: 7-Eleven Store #32266
Site Address: 1339 North Vasco Road, Livermore, CA 94551
7-Eleven Contact: Mr. Jose Rios
Consulting Company: Stantec Consulting Services Inc. – Mr. Damon Brown
Stantec Project No.: 211502037.230.0506
Primary Agency: Alameda County Environmental Health Services (ACEHS)

### **WORK PERFORMED THIS PERIOD [Fourth Quarter 2012]**

- 1. Conducted quarterly groundwater monitoring and sampling on October 25, 2012, and generated the quarterly report.
- 2. Generated and submitted the *Additional Site Assessment Report* dated October 5, 2012, which detailed the installation of offsite groundwater monitoring well MW-4.

### **WORK PROPOSED FOR NEXT PERIOD [First Quarter 2013]**

- 1. Perform quarterly groundwater monitoring and sampling during first quarter 2013, and prepare the quarterly report.
- 2. Generate a work plan for the installation of MW-5 per the ACEHS letter request.

### DISCUSSION

The site is an active 7-Eleven convenience store and retail gasoline fueling facility with one 15,000-gallon gasoline underground storage tank (UST) and one 10,000-gallon gasoline UST (Figures 1 and 2). Current groundwater monitoring and sampling data are summarized in Table 1, and presented on Figures 2 and 3. Historical groundwater monitoring and sampling results are summarized in Table 2. The well completion details are summarized in Table 3. A groundwater gradient and flow direction diagram is presented as Figure 4 and summarized in Table 4.

### Site Information

Current Phase of Project:	Groundwater Monitoring
Frequency of Monitoring and Sampling:	Quarterly, Four wells- MW-1 through MW-4
Are Liquid Phase Hydrocarbons Present On-site:	No
Water Supply Wells within a 2,000-foot radius and their Respective Direction:	Three municipal water supply wells (see Stantec work plan and results survey September, 2010)
Current Remediation Techniques:	None
Permits for Discharge:	None
Historic Range in Depth to Water, Q1-11 to Q4-12 (Measured Below Top of Casing)	MW-1, 7.88 to 8.51 feet

December 12, 2012 Page 2 of 5

<b>Current Quarter Monitoring Data</b>	(See Figure 2 and Table 1)
Wells Monitored and Sampled:	Four wells - MW-1 through MW-4
Dissolved Oxygen Concentrations Measured In:	Four wells - MW-1 through MW-4
Depth to Groundwater (DTW) (Measured Below Top of Casing)	8.46 to 9.50 feet
Average Change in Groundwater Elevation Since Last Event:	0.12 foot increase
Groundwater Flow Direction and Gradient:	West-Southwest @ 0.007 foot per foot (Figure 2)
<b>Current Quarter Analytical Data</b>	(See Figure 3 and Table 1)
Maximum TPHg Concentrations	Not Detected, <50 to <150 μg/L
Maximum Benzene Concentrations	Not Detected, <0.50 to <1.5 μg/L
Maximum MtBE Concentrations	MW-3, 670 μg/L
Maximum TBA Concentrations	MW-3, 25 μg/L

### **BACKGROUND**

In January 2005, two single-walled steel, fiberglass-jacketed USTs (one 10,000-gallon and one 15,000-gallon) were replaced with new double-walled fiberglass USTs. A total of 27 soil samples were collected during the UST replacement activities as follows:

- Five soil samples from the UST excavation.
- Six soil samples from the beneath the product dispensers,
- Five soil samples from the product line trenches,
- Eleven samples (44 samples combined at laboratory for 11 four-part composite samples)
   from the stockpiled UST backfill material.

Total petroleum hydrocarbons as gasoline (TPHg) were not detected above laboratory reporting limits in any of the soil samples collected during the UST replacement activities. The maximum concentrations of tertiary butyl alcohol (TBA) and methyl tertiary butyl ether (MtBE) detected were 2.4 milligrams per kilogram (mg/kg) and 2.6 mg/kg, respectively, in UST excavation sample T1-2-12. Total lead was detected in each of the samples at concentrations ranging from 4.98 mg/kg to 28.4 mg/kg.

In addition, a total of three water samples were collected during the 2005 UST replacement activities as follows:

- One grab sample (W1) from water collected/pooled within the excavated UST basin.
- Two samples (BT-1 & BT-2) collected from 20,000-gallon Baker Tanks storing pumped UST excavation water.

MtBE was detected at 180 micrograms per liter ( $\mu$ g/L) and benzene was reported at 25  $\mu$ g/L in UST excavation water sample W1 (Table 2). TPHg was detected at 3,400  $\mu$ g/L. No TPHg was detected in either Baker Tank sample (BT-1 or BT-2). Total xylenes were reported in sample BT-1 at 0.70  $\mu$ g/L. MtBE was detected in both samples at concentrations of 340  $\mu$ g/L (BT-1) and 400  $\mu$ g/L (BT-2). Based on the results of the water samples collected, a UST Unauthorized Release report was completed and submitted to the Livermore-Pleasanton Fire Department (LPFD) and the California Regional Water Quality Control Board (CRWQCB).

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On December 4, 2008, a Stantec Consulting Corporation (now Stantec Consulting Services Inc. [Stantec]) field scientist collected soil samples in native soil from beneath four of the six dispensers (D1-5.0, D2-5.0, D3-5.0 and D4-5.0) during fuel system upgrade activities at the site. In addition, Stantec collected four soil samples from stockpiled excavated backfill material. The four stockpile samples were combined at the laboratory for one four-part composite sample SP1(ABCD). TPHg, benzene, toluene, ethyl-benzene and total xylenes (BTEX) were not detected above laboratory reporting limits in the dispenser soil samples collected, with the exception of dispenser sample D2-5. Soil sample D2-5 contained 0.21 mg/kg benzene, 0.59 mg/kg toluene, 0.26 mg/kg ethylbenzene, 1.4 mg/kg xylenes, and 12 mg/kg TPHg. MtBE and TBA were detected exclusively in soil sample D1-5.5, at concentrations of 0.024 mg/kg and 0.0076 mg/kg, respectively. Di-isopropyl ether (DIPE), ethyl tertiary butyl ether (EtBE), and tertiary amyl methyl ether (TAME) were not detected above laboratory reporting limits in any dispenser soil samples collected. BTEX, TPHg, MtBE, TBA, DIPE, ETBE, and TAME were not detected at concentrations above laboratory reporting limits in the stockpiled soil sample collected during this investigation. Total lead was detected at concentration of 4.4 mg/kg.

In a letter dated November 20, 2009, the ACEHS requested the submittal of a work plan to investigate potential soil and groundwater contamination at the site based on ACEHS review of the historical site data. Stantec submitted a *Work Plan for Additional Soil and Groundwater Assessment* to the ACEHS on February 1, 2010. The work plan was subsequently approved by the ACEHS in a letter dated March 22, 2010.

On April 20, 2010, Stantec supervised WDC Exploration and Wells (WDC) of Richmond, California, during the advancement of three direct-push soil borings (GP-1 through GP-3) at the site. Eight soil samples were collected from soil borings GP-1 through GP-3 for laboratory analysis. MtBE was reported in soil boring GP-3 at 10 and 15 feet below ground surface (bgs) at concentrations of 0.023 mg/kg and 1.1 mg/kg, respectively. TBA was exclusively detected in soil boring GP-3 at 15 feet bgs at a concentration of 0.0076 mg/kg. TPHg, BTEX, DIPE, EtBE, and TAME were not detected at concentrations above the laboratory reporting limits in soil samples collected from soil borings GP-1 through GP-3. In addition, grab-groundwater samples were collected from each boring. Grab-groundwater samples GP-2W and GP-3W reported MtBE concentrations of 2.9  $\mu$ g/L and 380  $\mu$ g/L, respectively. TAME was exclusively detected in grab-groundwater sample GP-3W at a concentration of 0.71  $\mu$ g/L. TPHg, BTEX, DIPE, EtBE and TBA were not detected at concentrations above the laboratory reporting limits in grab-groundwater samples GP-1 through GP-3.

On May 17, 2010, Stantec submitted the results of the assessment activities in a report titled *Additional Soil and Groundwater Assessment* to the ACEHS.

In a letter dated July 14, 2010, the ACEHS requested the submittal of a work plan to further assess the extent of soil and groundwater contamination, the hydraulic gradient, and to identify potential receptors within a radius of 2,000 feet of the subject site.

On September 29, 2010, Stantec submitted a *Work Plan for Additional Site Assessment and Results of Detailed Well Survey* to the ACEHS. The work plan was subsequently approved by the ACEHS in a letter dated October 25, 2010.

Between February 23 and 24, 2010, Stantec supervised the installation of three groundwater monitoring wells (MW-1, MW-2 and MW-3). On March 25, 2011, Stantec submitted an *Additional Site Assessment* Report to the ACEHS. Soil samples collected from MW-1 and MW-2 did not

December 12, 2012 Page 4 of 5

contain petroleum hydrocarbon concentrations above laboratory reporting limits. MtBE and TBA were reported at concentrations ranging from 0.0082 mg/kg to 0.33 mg/kg in soil samples collected from MW-3.

In a letter dated August 29, 2011, the ACEHS requested the submittal of a work plan for plume delineation to assess whether the plume extends to the water supply of the two wells located approximately 300 feet west of the site. On October 25, 2011, Stantec submitted the *Work Plan for Additional Assessment*. In a letter dated November 21, 2012, the ACEHS requested a revised work plan to address their technical comments. The *Revised Work Plan for Additional Assessment* was submitted on March 5, 2012. The revised work plan was approved by the ACEHS on March 26, 2012.

Between July 10 and 12, 2012, Stantec supervised the advancement of four direct push soil borings (GP-4 through GP-7). On July 20, 2012, Stantec submitted an *Additional Site Assessment Report* to the ACEHS. BTEX and TPHg were not detected above laboratory reporting limits in any of the submitted soil samples; MtBE was detected solely in soil samples collected from GP-5 with a maximum concentration of 0.056 mg/kg. TPHg and MtBE were detected in grab groundwater samples collected from GP-4 and GP-5 at maximum concentrations of 95  $\mu$ g/L and 350  $\mu$ g/L, respectively.

In an email dated July 24, 2012, the ACEHS approved the locations of proposed monitoring wells MW-4 and MW-5 as proposed in Stantec's July 20, 2012 *Additional Site Assessment Report*. Between September 4 and 7, 2012, Stantec supervised the installation of one offsite groundwater monitoring well (MW-4). Proposed groundwater monitoring well MW-5 was not installed at that time due to the presence of marked and unmarked utilities in the permitted area of the City of Livermore right-of-way. On October 5, 2012, Stantec submitted an *Additional Site Assessment Report*.

In a letter dated November 6, 2012, the ACEHS requested the submittal of work plan for the installation of monitoring well MW-5 after the first quarter 2013 groundwater monitoring and sampling event.

### MONITORING AND SAMPLING PROCEDURES

The depth to water was measured to within 0.01 foot bgs in monitoring wells MW-1 through MW-4 from the top of casing (TOC) using a water level indicator. Dissolved oxygen concentrations were also measured in the wells using a YSI Model Pro20 dissolved oxygen meter equipped with a down hole sensor.

Well purging and sampling equipment was thoroughly cleaned prior to purging and sampling the well. The sampling procedure for the wells included measuring the water level and purging of approximately three casing volumes of water (or to dryness). The equipment and purging methods used for the current sampling event are noted on the field data sheets in Attachment A. During purging, temperature, pH, and electrical conductivity were monitored. After purging, the water level was allowed to recover to 80% of the original level prior to collection of the water sample. Groundwater samples were collected using a disposable Teflon® bailer, placed into appropriate Environmental Protection Agency (EPA) approved containers, labeled, logged onto chain-of-custody documents, and transported on ice to a California state-certified laboratory. Copies of the field notes are in Attachment A.

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### **GROUNDWATER SAMPLE ANALYSES AND RESULTS**

The groundwater samples collected from MW-1 through MW-4 were analyzed for the presence of BTEX, TPHg, MtBE, TBA, DIPE, EtBE, and TAME by EPA Method 8260B. The certified laboratory analytical report and chain-of-custody documentation are presented as Attachment B.

Groundwater analytical results are presented on Figure 3, and are summarized in Tables 1 and 2.

### PURGE AND RINSATE WATER DISPOSAL

Water generated during well sampling and equipment cleaning was pumped into a Stantec truck-mounted water tank. The water was transferred into properly labeled 55-gallon drums and stored on-site. The drummed non-hazardous petroleum hydrocarbon contaminated water is transported quarterly by Belshire Environmental to DeMenno Kerdoon in Compton, California, for disposal.

The results of this quarterly groundwater monitoring report will be uploaded to the ACEHS FTP site. In addition, the report will be uploaded to the State of California GeoTracker database in EDF format, per California code AB2886.

If you have any questions or comments regarding the contents of this report, please contact the undersigned at (916) 861-0400.

Sincerely,

Stantec Consulting Services Inc.

Prepared by:

Colin Ryan

Geologic Project Specialist

Reviewed by:

Amanda Magee, P.C

Associate Geologist

Reviewed by:

Damon Brown

Senior Geologic Consultant

Project Manager

### **ATTACHMENTS**

Figures Tables

Attachment A – Field Notes

Attachment B - Certified Laboratory Analytical Reports and Chain-of-Custody Documentation

SEE SAMANDA

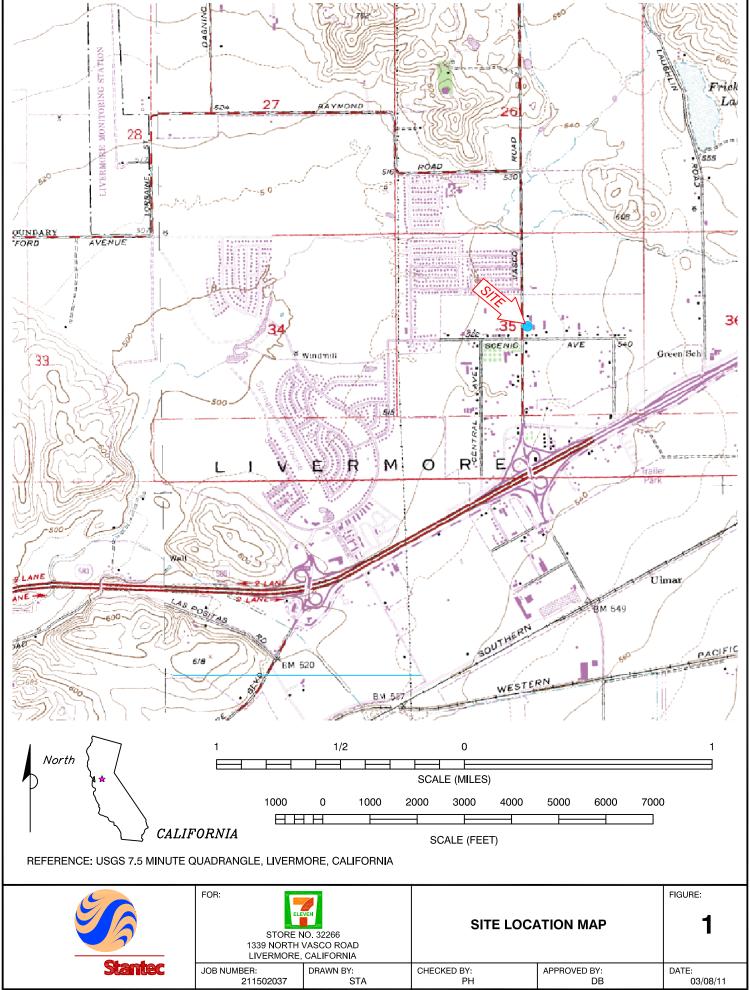
AMANDA MAGEE

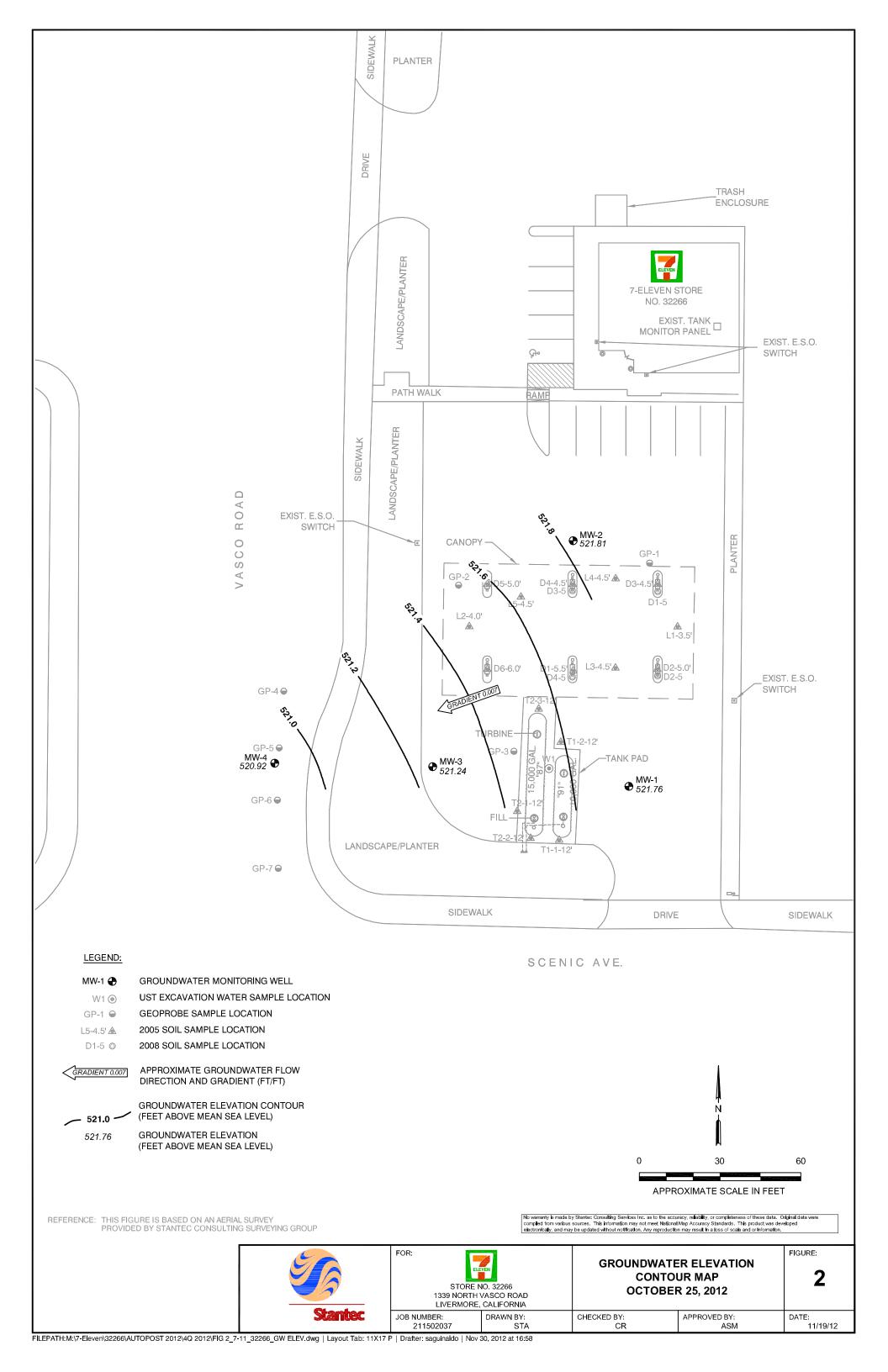
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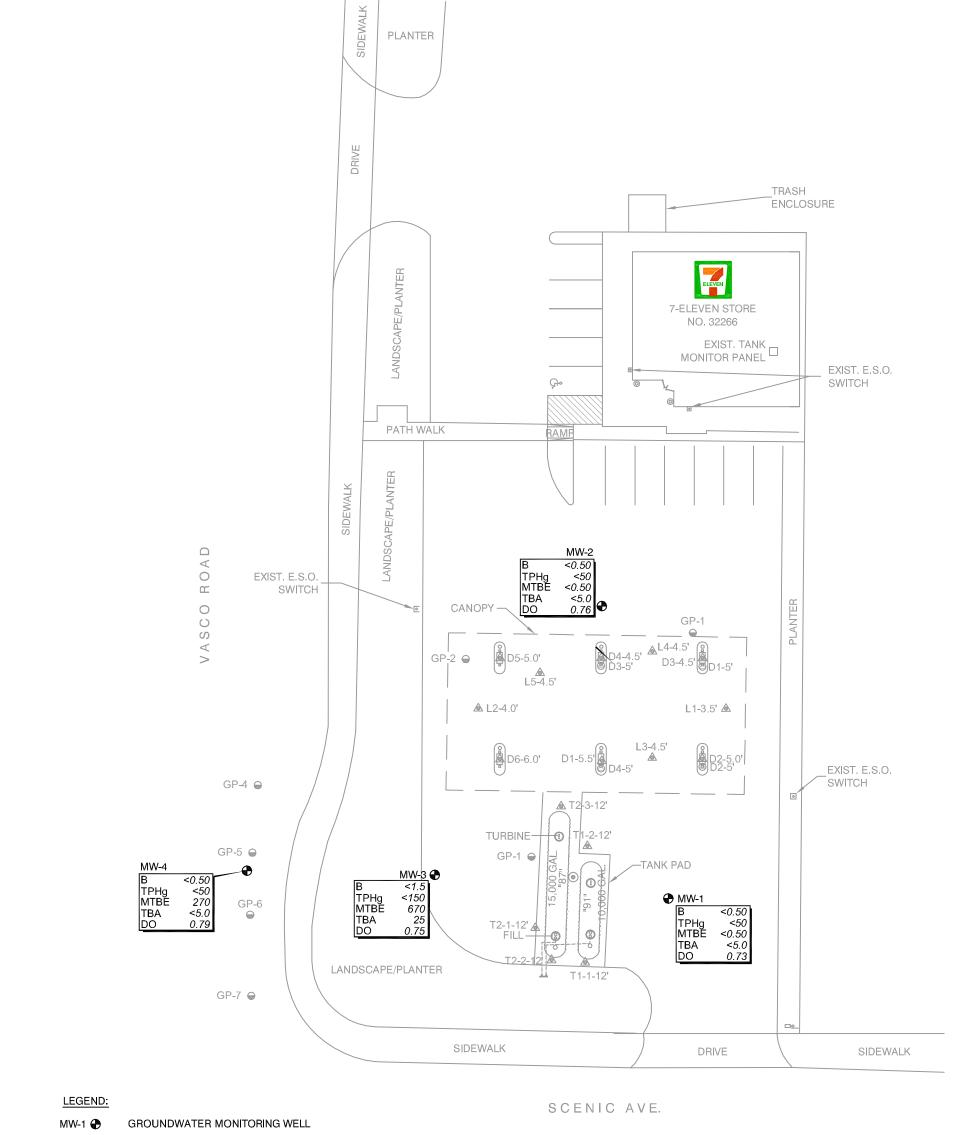
ATE OF CALIFORNIE

c: John Wainwright, Stantec, 308 East 4500 South, Suite 100, Murray, Utah 84107-3957

**Figures** 





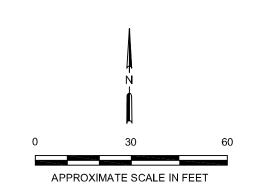


UST EXCAVATION WATER SAMPLE LOCATION W1 💿 GEOPROBE SAMPLE LOCATION

2008 SOIL SAMPLE LOCATION L5-4.5' 🛦 D1-5 🔘 2005 SOIL SAMPLE LOCATION

В BENZENE (µg/L)

TOTAL PETROLEUM HYDROCARBONS TPHg AS GASOLINE (µg/L) METHYL TERTIARY BUTYL ETHER ( $\mu g/L$ ) MtBE TBA TERTIARY BUTYL ALCOHOL ( $\mu$ g/L) μg/L MICROGRAMS PER LITER



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STORE NO. 32266 1339 NORTH VASCO ROAD  ${\bf LIVERMORE, CALIFORNIA}$ 

**GROUNDWATER HYDROCARBON CONCENTRATION MAP OCTOBER 25, 2012** 

APPROVED BY:

CHECKED BY: CR

FIGURE:

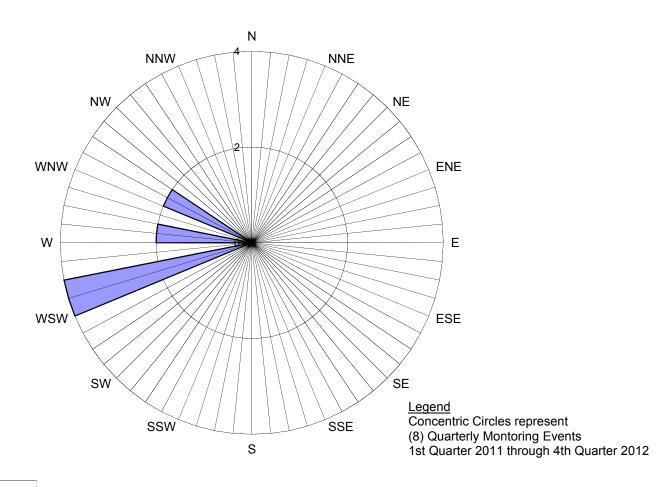
11/19/12

DATE:

DRAWN BY: STA 211502037

JOB NUMBER:

Figure 4
Groundwater Flow Direction Rose Diagram
7-Eleven #32266
1339 North Vasco, Livermore, California



■Groundwater Flow Direction

### **Tables**

### TABLE 1 Fourth Quarter 2012 Groundwater Monitoring and Analytical Data

7-Eleven Store #32266 1339 North Vasco Road Livermore, California

Well ID/ Elevation (TOC)	Date	Benzene (µg/L)	Toluene (μg/L)	Ethyl Benzene (µg/L)	Total Xylenes (μg/L)	TPHg (μg/L)	MtBE (μg/L)	TBA (μg/L)	DIPE (μg/L)	EtBE (µg/L)	TAME (µg/L)	Notes	Dissolved Oxygen (mg/L)	DTW (feet)	SPT (feet)	WTE (feet)
<b>MW-1</b> 530.22	10/25/12	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50		0.73	8.46	0.00	521.76
<b>MW-2</b> 530.55	10/25/12	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50		0.76	8.74	0.00	521.81
<b>MW-3</b> 530.74	10/25/12	<1.5	<1.5	<1.5	<1.5	<150	670	25	<1.5	<1.5	<1.5	b	0.75	9.50	0.00	521.24
<b>MW-4</b> 529.93	10/25/12	<0.50	<0.50	<0.50	<0.50	<50	270	<5.0	<0.50	<0.50	<0.50		0.79	9.01	0.00	520.92

#### **Explanation:**

BTEX, TPHg, MtBE, DIPE, ETBE, TAME, and TBA by 8260B

TPHg = Total petroleum hydrocarbons-as-gasoline

MtBE = Methyl-tert-butyl ether

DIPE = Diisopropyl ether

EtBE = Ethyl-tert-butyl ether

TAME = Tert-amyl-methyl ether

TBA = Tert-butyl alcohol

TOC = Top of casing elevation in feet above mean sea level

ug/L = micrograms per Liter or parts-per-billion

mg/L = milligrams per liter

< = Not detected above laboratory reporting limit

#### **Notes**

b = Tert-Butanol results may be biased slightly high. A fraction of MtBE (typically less than 1%) converts to Tert-Butanol during the analysis of water samples.

Kiff considers this conversion effect to be mathematically significant in samples that contain MtBE/Tert-Butanol in ratios of over 20:1.

TABLE 2
Historical Water and/or Groundwater Sample Analytical Results

7-Eleven Store #32266 1339 Vasco Road Livermore, California

Description   Computation	Sample				Ethyl	Total											Dissolved			
UST Excavation Groundwater Samples   William	-	Date	Benzene	Toluene	,		TPHa	MtBE	TBA	DIPE	EtBE	TAME	EDB	EDC	EtOH	Notes		DTW	SPT	WTE
September   Sept		24.0				,	•									110100				(feet)
Bit   02/04/05   0.50   0.50   0.50   0.70   0.50   0.70   0.50   0.70   0.50   0.70   0.50   0.70   0.50   0.70   0.50   0.70   0.50   0.70   0.50   0.70   0.50   0.70   0.50   0.70	UST Excava	tion Groun	dwater San															, ,	,	
BT-1   02/04/05   <0.50   <0.50   <0.50   <0.50   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0	W1	01/28/05	25	290	62	520	3,400	180	15	<1.5	<1.5	<1.5	<1.5	<1.5	2,600					
BT- Z   02/04/05   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <0.90   <	Baker Tank	Samples	•									•		•		•	•	•		
GP-IW   04/20/10   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <	BT-1	02/04/05	<0.50	<0.50	<0.50	0.70		340												
GP-1W   04/20/10   0.50   0.	BT-2	02/04/05	<0.90	<0.90	<0.90	<0.90	<90	400	-											
GP-3W   04/20/10   <0.50   <0.50   <0.50   <0.50   <50   <2.9   <5.0   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50	Grab Groun	dwater San	nples																	
GP-3W 04/20/10 < 0.50	GP-1W	04/20/10	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50								
GP-4W   07/10/12   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50	GP-2W	04/20/10	<0.50				<50	2.9			<0.50	<0.50			-			-	-	
GP-5W 07/11/12 < 0.50									<5.0	<0.50	<0.50	0.71								
GP-7W   07/12/12   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50   < 0.50									-							С				
MW-1		_																		
MW-1 530.22 03/16/11				<0.50	<0.50	<0.50	<50	<0.50												
530.22 03/16/11		Well Sample	es																	•
05/26/11																				
MW-2   MW-2   S08/09/11   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0	530.22																_			522.15
10/17/11																а				522.34
01/20/12																а	-			521.92
04/05/12 <0.50		-																-		521.95
07/24/12																а				521.71
MW-2   S30.55   O3/16/11   <0.50   <0.50   <0.50   <0.50   <50   <0.50   <50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50   <0.50																	-			522.00
MW-2 530.55 03/16/11 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.		-	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50					0.28			521.86
MW-2  530.55 03/16/11 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0																				521.82
530.55         03/16/11         <0.50		10/25/12	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50					0.73	8.46	0.00	521.76
530.55         03/16/11         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50         <0.50	MW-2																			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		03/16/11	<0.50	< 0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50					1.63	8.31	0.00	522.24
08/09/11         <0.50																				522.18
10/17/11																а				521.73
01/20/12																_				521.81
04/05/12     <0.50		-														а				521.59
07/24/12     <0.50																_	-			521.67
09/21/12 8.83 0.00 52																				521.51
		-																		521.72
1		10/25/12	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50					0.76	8.74	0.00	521.81
									***								****			

### TABLE 2 Historical Water and/or Groundwater Sample Analytical Results

7-Eleven Store #32266 1339 Vasco Road Livermore, California

Sample				Ethyl	Total											Dissolved			
I.D.	Date	Benzene	Toluene	Benzene	Xylenes	TPHg	MtBE	TBA	DIPE	EtBE	TAME	EDB	EDC	EtOH	Notes	Oxygen	DTW	SPT	WTE
(TOC)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)		(mg/L)	(feet)	(feet)	(feet)
MW-3																			
530.74	03/16/11	<0.50	<0.50	<0.50	<0.50	<50	5,600	170	<0.50	< 0.50	10					2.54	9.11	0.00	521.63
	05/26/11	<0.50	<0.50	<0.50	<0.50	<50	3,200	180	<0.50	< 0.50	5.4					0.32	9.15	0.00	521.59
	08/09/11	<0.50	<0.50	<0.50	<0.50	<50	1,700	78	<0.50	< 0.50	2.8					0.42	9.36	0.00	521.38
	10/17/11	<0.50	<0.50	< 0.50	< 0.50	<50	1,900	85	<0.50	<0.50	2.9				b	0.6	9.37	0.00	521.37
	01/20/12	<0.50	<0.50	<0.50	<0.50	<50	1,100	58	<0.50	< 0.50	2.2					0.5	9.57	0.00	521.17
	04/05/12	<2.5	<2.5	<2.5	<2.5	<250	2,000	57	<2.5	<2.5	3.3				b	0.47	9.44	0.00	521.30
	07/24/12	<0.50	<0.50	<0.50	<0.50	<50	2,000	50	< 0.50	<0.50	3.9				b	0.36	9.65	0.00	521.09
	09/21/12	<1.5	<1.5	<1.5	<1.5	<150	760	32	<1.5	<1.5	1.5				b		9.55	0.00	521.19
	10/25/12	<1.5	<1.5	<1.5	<1.5	<150	670	25	<1.5	<1.5	<1.5				b	0.75	9.50	0.00	521.24
MW-4																			
529.93	09/21/12	<0.50	<0.50	<0.50	<0.50	<50	400	<5.0	<0.50	<0.50	0.69						9.01	0.00	520.92
	10/25/12	<0.50	<0.50	<0.50	<0.50	<50	270	<5.0	<0.50	<0.50	<0.50					0.79	9.01	0.00	520.92

#### Explanation:

BTEX, TPHg, MtBE, DIPE, ETBE, TAME, and TBA by 8260B

TPHg = Total petroleum hydrocarbons-as-gasoline

MtBE = Methyl-tert-butyl ether

DIPE = Diisopropyl ether

EtBE = Ethyl-tert-butyl ether

TAME = Tert-amyl-methyl ether TBA = Tert-butyl alcohol

EDB = 1,2-Dibromoethane

EDC = 1,2-Dichloroethane

EtOH = Ethanol

TOC = Top of casing elevation in feet above mean sea level

UST = Underground Storage Tank

ug/L = micrograms per Liter or parts-per-billion

mg/L = milligrams per liter

< = Not detected above laboratory reporting limit

-- = Not sampled/not measured

#### Notes

- a = Matrix Spike/Matrix Spike Duplicate for the analyte MtBE were affected by the analyte concentrations already present in the un-spike sample.
- b = Tert-Butanol results may be biased slightly high. A fraction of MtBE (typically less than 1%) converts to Tert-Butanol during the analysis of water samples. Kiff considers this conversion effect to be mathematically significant in samples that contain MtBE/Tert-Butanol in ratios of over 20:1.
- c = Analyzed by EPA Method 8260B using bottles that contained headspace bubbles greater than 1/4 inch in diameter.

### Table 3 **Soil Boring Details**

7-Eleven Store #32266 1339 North Vasco Road Livermore, CA

		Boring	Well	Scr	een	Screen	
Well	Drill	Depth	Diameter	Тор	Bottom	Length	Comments
I.D.	Date	(feet bgs)	(inches)	(feet bgs)	(feet bgs)	(feet)	
Soil Borings	S						
GP-1	04/20/10	20					
GP-2	04/20/10	25					
GP-3	04/20/10	30					
GP-4	07/10/12	25					Off-site soil boring
GP-5	07/10/12	25					Off-site soil boring
GP-6	07/11/12	25					Off-site soil boring
GP-7	07/12/12	25					Off-site soil boring
Monitoring '	Wells						
MW-1	02/23/11	20	2	5	20	15	
MW-2	02/24/11	20	2	5	20	15	
MW-3	02/23/11	25	2	5	20	15	
MW-4	09/07/12	20	2	5	20	15	Off-site monitoring well
MW-5	Proposed	20	2	5	20	15	Proposed off-site monitoring well

### Explanation

bgs = Below ground surface
--- = Data Not Available/Not Applicable

### Table 4 Groundwater Gradient and Flow Direction

7-Eleven Store # 32266 1339 North Vasco Road Livermore, California

Well No.	Monitoring Date	DTW	Groundwater Gradient						(	Ground	lwater I	low D	irection	ı					
	Duto	(ft bgs)	(feet per foot)	N	NNE	NE	ENE	Е	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
MW-1	03/16/11	8.07	0.008	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	05/26/11	7.88	0.010	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	08/09/11	8.30	0.008	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	10/17/11	8.27	0.008	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	01/20/12	8.51	0.009	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	04/05/12	8.22	0.010	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	07/24/12	8.36	0.012	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	10/25/12	8.46	0.007	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Avera	age Values	8.26	0.009	0	0	0	0	0	0	0	0	0	0	0	4	2	2	0	0
Minum	um Values	7.88	0.007																

 Minumum Values
 7.88
 0.007

 Maximum Values
 8.51
 0.012

### **Explanation**

TOC = Top of Casing (elevation in feet above mean sea level)

DTW = Depth to water below grade surface as measured from TOC

Number of Events 8 Events

## Attachment A Field Notes

<u></u>			
JOB NAME:	7-Eleven Store #32266	JOB NUMBER:	211502037.230.0700
SITE ADDRESS:	1339 North Vasco Road	START DATE:	10/25/12
	Livermore, California	DATE PREPARED:	10/19/2012
PREPARED FOR:	Brian Branscum	PREPARED BY:	Colin Ryan
1	SITE VISITA	TION REPORT	
Name(s) BAB	Date: 10/25/17		(Yes) No
Arrival Time: 08		Who did you call?	Danielle Manning
Weather Notations:	SUN CLOUDY RAIN	SNOW	Temperature 50's
	DRUMIN	IVENTORY	
STANTEC'S	S ENVIRONMENTAL:		
Purge Wate		N'S FACILITY:	TOTALS:
Soi Concrete/Debris	Andrew Control of the		Total Open Top  Total Bung Top
Other:	Other:	0	Total Bung Top
Empty	31/2	Please	take a picture of anything not clearly labeled
00= 100		ETY ASSESSMENT	cis. List of the
YVE, HASK, P	tospital Route, Vehicle Foot Traff	Gc, Delivery Inucles,	Dufstripstrals, wettic
Control.		<u> </u>	
	The state of the s		
•			
	ruck inspection, drove to six		/. 1 h
080-0900-M	,	te meeting, Started	paperwork, decored !
	al. equipment.		
0900-0935 -1	aylor setup traffic control or	n mw-4. Opened, quad	red arsite wells per
a	uaging form.	, , ,	
0935-1000 - 0		pled mw-4 w/tra	Fix control
1000-1105 - PI			CONTROLL
		guaged.	A 8
	cleased Purge 420 trom trude	to onsite 55-ga	drums.
$\frac{1120-1130}{}$	icked up equipment, finis	had paperwork.	
130-1300 - D	rove to Vacaville.	* #	
	***		,
		<u></u>	
		<del> </del>	

7-Eleven Store #32266	JOB NUMBER:	211502037.230.0700	
1339 North Vasco Road	START DATE:	10/25/12	
Livermore, California	DATE PREPARED:	10/19/2012	
Brian Branscum	PREPARED BY:	Colin Ryan	
	1339 North Vasco Road Livermore, California	1339 North Vasco Road START DATE: Livermore, California DATE PREPARED:	1339 North Vasco Road START DATE: 10/25/12 Livermore, California DATE PREPARED: 10/19/2012

### **GROUNDWATER GAUGING FORM**

### MEASURED TO TOC

WELL 1.D.	CONST.	WELL DIAM.	WELL ELEV. TOC	DTB	DTW	DTP/PT	D.O. (mg/L)	TIME	COMMENTS  Please note if well needs  locking cap or street box repair
MW-1	20	2"		18.96	8.46	1	0.73	915	
MW-2	20	2"		19.06	8.74	1	0.76	0920	
MW-3	20	2"		20.04	9.50	1	b.75	443	
MW-4	20	2"		19.30	9.d	1	0.79	940	

W.		Consulting Co LE FIELD DAT	_		
PROJECT#: 7-Eleven Store #32266  CLIENT NAME: 7-Eleven, Inc.  LOCATION: 1339 North Vasco Road, Livern	PURGED BY: SAMPLED BY: nore, Califor	Brian Branscum Brian Branscum	<del></del>	LI.D.: MW-AMPLES: No	. 1
DATE PURGED    10   25   12	START (2400hr) SAMPLE TIME ( Surface Wa	(2400hr)	END (1	2400hr)	021
CASING DIAMETER: 2" X Casing Volume: (gallons per foot) (0.17)	3" (0.38)	4" (0.67) 5"	(1.02) 6" (1.50)	(2.60)	Other ( )
DEPTH TO BOTTOM (feet) =       18.9         DEPTH TO WATER (feet) =       8.4         WATER COLUMN HEIGHT (feet) =       10.5	16	CA	SING VOLUME (gal) LCULATED PURGE ( TUAL PURGE (gal) =	(gal) = <u>5. 1</u>	
	FIELD N	MEASUREMENTS		W	
DATE TIME (2400hr) (gal) 10/25/12 1015 1.7 1018 3.4 1021 5.1	TEMP. (degrees C) 22.0 23.3 24.1	CONDUCTIVITY (umhos/cm) 2/42 2/65 2/74	pH (units) 6.88 6.89 6.90 SAMPLE TURE	COLOR (visual) BRN BRN BRN BRN	TURBIDITY (NTU) MED MED MEDILON  TO THE TO T
80% RECHARGE: X YES NO	ANAI	VCEC RTRY TPI	Ig, 5 Oxygenates (EPA		
. ]	SSEL / PRESERVA	***************************************	ig, 5 Oxygenates (El A	1 0200Dj	······
PURGING EQUIPMENT  Bladder Pump Bailer (Te Centrifugal Pump Bailer (PV	/C) ainless Steel)	Bladder F Centrifug Submersi Peristalic Other:	al Pump X Ba ble Pump Ba	iler (Teflon)	C or X disposable)
WELL INTEGRITY: GOOD		<u> </u>	LOCK#:	YES	
REMARKS: <b>D.O.</b> – <b>0.73</b> SIGNATURE:   STATEMENT    SIGNATURE:   STATEMENT    SIGNATURE:   STATEMENT    STATE					Page <b>2</b> of <b>4</b>

	Stante	ec Consultin	g Corp.			
	WATER SA	MPLE FIELD	DATA SHEET			
PROJECT #: 7-Eleven Store #322	266 PURGED F	BY: Brian Bran	scum	WELL I.D.:		
CLIENT NAME: 7-Eleven, Inc.	SAMPLED	Brian Bran	scum	SAMPLE I.I		
LOCATION: 1339 North Vasco F	Road, Livermore, Califor			QA SAMPL	.ES: Nor	16
DATE PURGED 10/25/12	<del></del>	400hr) <b>10</b>	30	END (2400h	ır) <b>(</b>	orfl
DATE SAMPLED 10/25	SAMPLE T	TIME (2400hr)	104	5		
SAMPLE TYPE: Groundwa	ater X Surfac	ce Water	Treatment Efflue	ent	Other _	
CASING DIAMETER: Casing Volume: (gallons per foot)	2" X 3" (0.38)	4" (0.67)	5"6	" (1.50)	8" (2.60)	Other
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-			,
DEPTH TO BOTTOM (feet) =	19.06	<del>dettinden av</del>	CASING VOLU		1.7	··········
DEPTH TO WATER (feet) =	8.74		CALCULATED	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
WATER COLUMN HEIGHT (feet) =	10.32		ACTUAL PURC	iE (gal) =	7.0	
	FII	ELD MEASUREME	ENTS			
DATE TIME V (2400hr)	OLUME TEMP. (degrees of	CONDUCT C) (umhos			COLOR (visual)	TURBIDITY (NTU)
10/25/12 1035	(gar) (degrees (		.88 6.9	93	Ben	MED_
1038	3.4 22.8	261	<u>6</u> 6.	91	Ben	MEDICON
<u> </u>	5. 22.4	261	<u>4 6.9</u>	<u> </u>	BeN	MEDILOW
					**************************************	
d-terminal and the state of the				<del></del>		
	when the state of	<del></del>				A
				······		
	SA SA	MPLE INFORMAT				
SAMPLE DEPTH TO WATER:	8.93		SAMF	PLE TURBIDIT	Y: <u>M</u>	<u>EDILOW</u>
80% RECHARGE: X YES NO	О С	ANALYSES: BTE	X, TPHg, 5 Oxygen	ates (EPA 8260	0B)	
ODOR: NA S	SAMPLE VESSEL / PRESI	ERVATIVE: H	CL			
PURGING EQUIP	MENT		SAMP	LING EQUIPM	1ENT	
Bladder Pump	Bailer (Teflon)		adder Pump	Bailer (1		
Centrifugal Pump  X Submersible Pump	Bailer (PVC) Bailer (Stainless Steel)		entrifugal Pump Ibmersible Pump	X Bailer Bailer (S	( PVC Stainless Steel	or X disposable)
Peristalic Pump	Dedicated	Pe	eristalic Pump	Dedicate		······
Other:		Other:				
Pump Depth:						
WELL INTEGRITY: GOOD			LOG	CK#: <b>YES</b>	<u> </u>	
REMARKS: <b>D.O 0.76</b>		***************************************			, , , , , , , , , , , , , , , , , , ,	***************************************
//						
- 18: St.	<del></del>					^I
SIGNATURE:					F	Page <u>3</u> of <u>4</u>

11/	Stantec Consultin	~	
PROJECT #: 7-Eleven Store #32266  CLIENT NAME: 7-Eleven, Inc.  LOCATION: 1339 North Vasco Road, Liverm	PURGED BY: Brian Bran SAMPLED BY: Brian Bran nore, Califor	nscum WELL I	E l.D.: MW- 3
DATE PURGED  16/25/12  DATE SAMPLED  SAMPLE TYPE:  Groundwater X	START (2400hr)  SAMPLE TIME (2400hr)  Surface Water	1050 END (24 1105 Treatment Effluent	400hr) lipt Other
CASING DIAMETER: 2" X Casing Volume: (gallons per foot) (0.17)	3" (0.38) 4" (0.67)	5" 6" (1.02) (1.50)	8" Other (2.60)
DEPTH TO BOTTOM (feet) =         20.0           DEPTH TO WATER (feet) =         9.5           WATER COLUMN HEIGHT (feet) =         10.5	50	CASING VOLUME (gal) = CALCULATED PURGE (gal) =	9077
	FIELD MEASUREM	ENTS	
DATE TIME (2400hr) (gal)  10/25/12 1055 1.7  1058 3.4  1101 5.1	TEMP. CONDUC (degrees C) (umho	TIVITY pH (units) 37 7.01 48 6.97	COLOR (visual) (NTU)  BRN MEDILLY  BEN MEDILLY  LT. BRN LOW
SAMPLE DEPTH TO WATER: 9.84	SAMPLE INFORMA	TION SAMPLE TURBI	IDITY: LOW
	ANALYCES, DE		
80% RECHARGE: YES NO ODOR: NA SAMPLE VES	***************************************	EX, TPHg, 5 Oxygenates (EPA : ICL	8260B)
PURGING EQUIPMENT  Bladder Pump Bailer (Tet Centrifugal Pump Bailer (PV X Submersible Pump Bailer (Sta Peristalic Pump Dedicated Other:  Pump Depth:	VC) CO CO Sainless Steel) S P	Centrifugal Pump  When the state of the stat	ler (Teflon)
WELL INTEGRITY: GOOD  REMARKS: D.O 0.15		lock#: <u><b>У</b>Е</u>	S
SIGNATURE: B.A.B.	Polyandish		Page 4 of 4

		Consulting Cor	-		
	WATER SAMP	PLE FIELD DATA	SHEET		
PROJECT #: 7-Eleven Store #32266  CLIENT NAME: 7-Eleven, Inc.	PURGED BY: SAMPLED BY:	Brian Branscum	WELL SAMPI	I.D.: MW-	
LOCATION: 1339 North Vasco Road, Liv	<del></del>	Brian Dranscum		MPLES: No	
DATE PURGED 10/25/12	START (2400hr	r) 0945		2400hr) <b>(</b>	7956
DATE SAMPLED 10/25/12	SAMPLE TIME	· ·	(000)		
SAMPLE TYPE: Groundwater 2	X Surface Wa	ater Treat	tment Effluent	Other _	
CASING DIAMETER: 2" X Casing Volume: (gallons per foot) (0.17)		4" (0.67) 5" (1.	.02) 6" (1.50)	8" (2.60)	Other
	1.30	CASI	ING VOLUME (gal) =		
` ' -	10. f	CAL	CULATED PURGE (§		
WATER COLUMN HEIGHT (feet) = 10	).29	ACTI	UAL PURGE (gal) =	7.0	
	FIELD	MEASUREMENTS			
DATE TIME VOLUME (2400hr) (gal)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY
10/25/12 950 1.7	18.0	1428	7.15	(visual) BIM	(NTU)
0953 3.4	19.0	1523	7.08	BRN	WED
<u>V 0956 5.1</u>	20.0	(53)	7.06	_Ban_	MEDKOW
				***************************************	
					***************************************
			·····		
					**************************************
	***************************************			***************************************	
SAMPLE DEPTH TO WATER: 9.34	SAMPI	LE INFORMATION		fla:	1
SAMPLE DEPTH TO WATER: 7.7	<u> </u>		SAMPLE TURB	JIDITY:	EDKW_
80% RECHARGE: X YES NO	ANA	ALYSES: BTEX, TPHg,	, 5 Oxygenates (EPA	. 8260B)	
ODOR: NA SAMPLE	VESSEL / PRESERVA	ATIVE: HCL			
PURGING EQUIPMENT			SAMPLING EQU	JIPMENT	
	r (Teflon) r (PVC)	Bladder Pun Centrifugal		iler (Teflon) iler (	C or X disposable)
X Submersible Pump Bailer	r (Stainless Steel)	Submersible	e PumpBai	iler (Stainless Stee	
Peristalic Pump Dedic	ated	Peristalic Pu	<del></del>	dicated	
Other:		Other:			
Pump Depth:				- 1 1	8
WELL INTEGRITY: GOOD			LOCK#: 🗛	dded New	Lock
REMARKS: D. 0 0.70					
111					
SIGNATURE: 75 %. 55	Monoconcon				Page of 4

# Attachment B Certified Laboratory Analytical Reports and Chain-of-Custody Documentation



Date: 11/02/2012

### Laboratory Results

Damon Brown Stantec Consulting Services Inc. 3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670

Subject: 4 Water Samples

Project Name: 7-Eleven Store #32266 Project Number: 211502037.220.0410

Dear Mr. Brown,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy Turpen

Troy D. Turpen



Date: 11/02/2012

Subject: 4 Water Samples
Project Name: 7-Eleven Store #32266
Project Number: 211502037.220.0410

### **Case Narrative**

Tert-Butanol results for sample MW-3 may be biased slightly high and are flagged with a 'J'. A fraction of MtBE (typically less than 1%) converts to Tert-Butanol during the analysis of water samples. We consider this conversion effect to be mathematically significant in samples that contain MtBE/Tert-Butanol in ratios of over 20:1.



Date: 11/02/2012

Project Name : **7-Eleven Store #32266**Project Number : **211502037.220.0410** 

Sample: MW-1 Matrix: Water Lab Number: 83066-01

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 22:43
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 22:43
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 22:43
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 22:43
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 22:43
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 22:43
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 22:43
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 22:43
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/30/12 22:43
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/30/12 22:43
1,2-Dichloroethane-d4 (Surr)	99.0		% Recovery	EPA 8260B	10/30/12 22:43
Toluene - d8 (Surr)	106		% Recovery	EPA 8260B	10/30/12 22:43



Date: 11/02/2012

Project Name : **7-Eleven Store #32266**Project Number : **211502037.220.0410** 

Sample: MW-2 Matrix: Water Lab Number: 83066-02

Sample Date :10/23/2012		Method			
Parameter	Measured Value	Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:14
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:14
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:14
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:14
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:14
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:14
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:14
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:14
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/30/12 23:14
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/30/12 23:14
1,2-Dichloroethane-d4 (Surr)	97.2		% Recovery	EPA 8260B	10/30/12 23:14
Toluene - d8 (Surr)	106		% Recovery	EPA 8260B	10/30/12 23:14



Date: 11/02/2012

Project Name : **7-Eleven Store #32266**Project Number : **211502037.220.0410** 

Sample: MW-3 Matrix: Water Lab Number: 83066-03

Parameter	Measured Value	Method Reporting	Units	Analysis Method	Date/Time
Farameter	value	Limit	UIIIIS	Method	Analyzed
Benzene	< 1.5	1.5	ug/L	EPA 8260B	11/01/12 21:59
Toluene	< 1.5	1.5	ug/L	EPA 8260B	11/01/12 21:59
Ethylbenzene	< 1.5	1.5	ug/L	EPA 8260B	11/01/12 21:59
Total Xylenes	< 1.5	1.5	ug/L	EPA 8260B	11/01/12 21:59
Methyl-t-butyl ether (MTBE)	670	1.5	ug/L	EPA 8260B	11/01/12 21:59
Diisopropyl ether (DIPE)	< 1.5	1.5	ug/L	EPA 8260B	11/01/12 21:59
Ethyl-t-butyl ether (ETBE)	< 1.5	1.5	ug/L	EPA 8260B	11/01/12 21:59
Tert-amyl methyl ether (TAME)	< 1.5	1.5	ug/L	EPA 8260B	11/01/12 21:59
Tert-Butanol	25 J	7.0	ug/L	EPA 8260B	11/01/12 21:59
TPH as Gasoline	< 150	150	ug/L	EPA 8260B	11/01/12 21:59
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	11/01/12 21:59
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	11/01/12 21:59



Date: 11/02/2012

Project Name : **7-Eleven Store #32266**Project Number : **211502037.220.0410** 

Sample: MW-4 Matrix: Water Lab Number: 83066-04

Sample Date :10/25/2012		Method			
Parameter	Measured Value	Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:46
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:46
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:46
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:46
Methyl-t-butyl ether (MTBE)	270	0.50	ug/L	EPA 8260B	10/30/12 23:46
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:46
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:46
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/30/12 23:46
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/30/12 23:46
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/30/12 23:46
1,2-Dichloroethane-d4 (Surr)	99.2		% Recovery	EPA 8260B	10/30/12 23:46
Toluene - d8 (Surr)	105		% Recovery	EPA 8260B	10/30/12 23:46

Date: 11/02/2012

**QC Report : Method Blank Data** 

Project Name: **7-Eleven Store #32266**Project Number: **211502037.220.0410** 

	Measured	Reporting		Analysis	Date
<u>Parameter</u>	Value	Limit	Units	Method	Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/01/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/01/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/01/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/01/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/01/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/01/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/01/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/01/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/01/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/01/2012
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	11/01/2012
Toluene - d8 (Surr)	99.0		%	EPA 8260B	11/01/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/30/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/30/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/30/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/30/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/30/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/30/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/30/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/30/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/30/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/30/2012
1,2-Dichloroethane-d4 (Surr)	98.8		%	EPA 8260B	10/30/2012
Toluene - d8 (Surr)	106		%	EPA 8260B	10/30/2012

		Method			
	Measured	Reporti	ng	Analysis	Date
Parameter	Value	Limit	Units	Method	Analyze

Date: 11/02/2012

Project Name : **7-Eleven Store #32266** 

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Number: 211502037.220.0410

				Spike	Spiked	Duplicate Spike	ed			Spiked Sample		Relative	Spiked Sample Percent	Relative Percent
Parameter	Spiked Sample	Sample Value	Spike Level	Dup. Level	Sample Value	Samble Value	Units	Analysis Method	Date Analyzed	Percent Recov.	Percent Recov.	Percent Diff.	Recov. Limit	Diff. Limit
Benzene														
	83084-01	<0.50	40.0	40.0	37.9	36.4	ug/L	EPA 8260B	11/1/12	94.8	90.9	4.27	80-120	25
Diisopropyl ethe	er													
	83084-01	<0.50	39.4	39.4	38.8	38.3	ug/L	EPA 8260B	11/1/12	98.4	97.1	1.32	80-120	25
Ethyl-tert-butyl	ether													
	83084-01	<0.50	40.6	40.6	40.7	40.0	ug/L	EPA 8260B	11/1/12	100	98.7	1.66	76.5-120	25
Ethylbenzene														
	83084-01	<0.50	40.0	40.0	40.4	38.5	ug/L	EPA 8260B	11/1/12	101	96.3	4.72	80-120	25
Methyl-t-butyl e	ther													
	83084-01	<0.50	40.1	40.1	39.2	39.0	ug/L	EPA 8260B	11/1/12	97.9	97.5	0.439	69.7-121	25
P + M Xylene														
	83084-01	<0.50	40.0	40.0	40.1	38.5	ug/L	EPA 8260B	11/1/12	100	96.3	4.01	76.8-120	25
Tert-Butanol														
	83084-01	<5.0	201	201	189	188	ug/L	EPA 8260B	11/1/12	93.8	93.5	0.368	80-120	25
Tert-amyl-meth	yl ether													
	83084-01	<0.50	40.4	40.4	40.5	39.6	ug/L	EPA 8260B	11/1/12	100	98.1	2.36	78.9-120	25
Toluene														
	83084-01	<0.50	40.0	40.0	37.6	36.4	ug/L	EPA 8260B	11/1/12	93.9	90.9	3.29	80-120	25

Date: 11/02/2012

Project Name: **7-Eleven Store #32266** 

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Number: 211502037.220.0410

				Spike	Spiked	Duplicate Spike	e d			Spiked Sample	Duplicat Spiked Sample		Spiked Sample Percent	Relative Percent
Parameter	Spiked Sample	Sample Value	Spike Level	Dup. Level	Sample Value	Sample Value	Units	Analysis Method	Date Analyzed	Percent	Percent Recov.	Percent Diff.	Recov. Limit	Diff. Limit
Benzene														_
	83068-03	<0.50	40.0	40.0	39.6	39.0	ug/L	EPA 8260B	10/30/12	99.1	97.5	1.62	80-120	25
Diisopropyl ethe	er													
	83068-03	<0.50	39.4	39.4	36.1	35.3	ug/L	EPA 8260B	10/30/12	91.6	89.6	2.10	80-120	25
Ethyl-tert-butyl	ether													
	83068-03	<0.50	40.6	40.6	40.8	37.4	ug/L	EPA 8260B	10/30/12	100	92.1	8.66	76.5-120	25
Ethylbenzene														
	83068-03	<0.50	40.0	40.0	40.4	40.0	ug/L	EPA 8260B	10/30/12	101	100	1.02	80-120	25
Methyl-t-butyl e														
D . M.V. Jana	83068-03	<0.50	40.1	40.1	40.3	35.3	ug/L	EPA 8260B	10/30/12	100	88.2	13.1	69.7-121	25
P + M Xylene														
Tant Dutamal	83068-03	<0.50	40.0	40.0	39.1	38.1	ug/L	EPA 8260B	10/30/12	97.7	95.2	2.51	76.8-120	25
Tert-Butanol	00000 00	.5.0	004	004	400	100	,,	ED 4 0000D	10/00/10	05.4	04.0	0.040	00.400	0.5
Tort amul math	83068-03	<5.0	201	201	192	190	ug/L	EPA 8260B	10/30/12	95.4	94.6	0.919	80-120	25
Tert-amyl-meth		-0.50	40.4	40.4	40.4	20.0	/1	EDA 0000D	40/00/40	101	00.7	F 4F	70.0.400	05
Toluene	83068-03	<0.50	40.4	40.4	42.1	39.8	ug/L	EPA 8260B	10/30/12	104	98.7	5.45	78.9-120	25
ioluene	02060 02	<0.F0	40.0	40.0	40.0	44.6	/1	EDA 0000D	10/20/40	106	104	1.50	00 100	25
	83068-03	<0.50	40.0	40.0	42.3	41.6	ug/L	EPA 8260B	10/30/12	106	104	1.59	80-120	25

### **QC Report : Laboratory Control Sample (LCS)**

Project Name : **7-Eleven Store #32266**Project Number : **211502037.220.0410** 

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	39.8	ug/L	EPA 8260B	11/1/12	92.0	80-120
Diisopropyl ether	39.2	ug/L	EPA 8260B	11/1/12	96.9	80-120
Ethyl-tert-butyl ether	40.4	ug/L	EPA 8260B	11/1/12	99.0	76.5-120
Ethylbenzene	39.8	ug/L	EPA 8260B	11/1/12	99.6	80-120
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	11/1/12	96.6	69.7-121
P + M Xylene	39.8	ug/L	EPA 8260B	11/1/12	98.9	76.8-120
TPH as Gasoline	478	ug/L	EPA 8260B	11/1/12	86.5	70.0-130
Tert-Butanol	200	ug/L	EPA 8260B	11/1/12	93.0	80-120
Tert-amyl-methyl ether	40.2	ug/L	EPA 8260B	11/1/12	97.9	78.9-120
Toluene	39.8	ug/L	EPA 8260B	11/1/12	93.1	80-120
Benzene	40.0	ug/L	EPA 8260B	10/30/12	97.6	80-120
Diisopropyl ether	39.4	ug/L	EPA 8260B	10/30/12	89.2	80-120
Ethyl-tert-butyl ether	40.6	ug/L	EPA 8260B	10/30/12	99.0	76.5-120
Ethylbenzene	40.0	ug/L	EPA 8260B	10/30/12	98.6	80-120
Methyl-t-butyl ether	40.1	ug/L	EPA 8260B	10/30/12	99.0	69.7-121
P + M Xylene	40.0	ug/L	EPA 8260B	10/30/12	94.4	76.8-120
TPH as Gasoline	477	ug/L	EPA 8260B	10/30/12	93.2	70.0-130
Tert-Butanol	201	ug/L	EPA 8260B	10/30/12	93.8	80-120
Tert-amyl-methyl ether	40.4	ug/L	EPA 8260B	10/30/12	101	78.9-120
Toluene	40.0	ug/L	EPA 8260B	10/30/12	103	80-120

Chain of Custody Number: 83066

				Sta	ant	tec	•	Ch	ain	-of	Cu	sto	dy	Re	cor	d					
Field Office: 077 Sacra Address: 3017 Kilg Rancho	ore Ro	ad, Sı	uite 100									Job Loca	Nam	ie:	7-E 133	lever	n Sto orth \	ore# Vasc	ached, ar 32266 o Road	nd are part of this Record.	
Project # <b>2115020</b> 3	37.220	-	Γask #	220.0410							***			P	Analys	is Re	que	st			
Project Manager <u>Dam</u> Laboratory <u>Kiff Anal</u>	on Bro	wn				EPA 8260	only)	PH 418.1	les	C/MS)	olatiles	rganics MS)		d							ntainers
	13.7	(.)	3 Time	Matrix	HCI-preserved	трна/втех -	TPHd (Diesel Only) 8015 (modified)	TPH 418.1/WTPH	Aromatic Volatiles 602/8020	Volatile rganics 624/8240 (g=GC/MS)	Halogenated V 601/8010	Semi-volatile Organics 625/8270 (GC/MS)	Oxygenates PA 8260B	Chloroform, PCE 8260B						Comments/ Instructions	Number of Containers
Sample ID  MW-1	Dat	7	1025	Water	3	X	<u>⊢</u>	<u> </u>	₹ ॐ	> 6	ΙŌ	S છ	Х	0 &				+		matidotiona	3
MW-2	10123		1045	Water	3	X							Х								3
MW-3			1105	Water	3	X							х								3
MW-4	J		ЮоО	Water	3	х							X								3
					<u> </u>																
Special Instructions/Com 5 Oxygenates - MtBE, E Global ID #T1000000100 email EDD to colin.ryan deborah.lichtenberger@	tBE, DII 67 @stant	ec.co	m,	ВА	Signal Pr	elinq gn int ompa me	BR any	IAN	) B	RA. VTE	کے		Sig Pri	in nt mpai	ed by:	/	Date			Sample Receipt Total no. of containers: Chain of custody seals: Rec'd in good condition/cold: Conforms to record:	
email lab report to colir damon.brown@stantec deborah.lichtenberger@	n.ryan@ .com /	stant	ec.com	I	Si Pr Co	elinq gn int omp	uishe						Sig Pri	gn nt mpa		bas	2_	S	1/20 3012	Client: Stantec Client Contact: Damon Client Phone: (916) 861-04 ext. 230	400



### SAMPLE RECEIPT CHECKLIST

RECEIVER	
Initials	

SRG#:	83066	Date:	03012
Project ID:	83066 7-Eleven Store 1	432266	
Method of Receipt Shipping Only: Fe	::		or Sunrise (M-F):
COC Inspection Is COC present? Custody seals on shipping of Is COC Signed by Relinquit Is sampler name legibly ind Is analysis or hold requested Is the turnaround time indict Is COC free of whiteout and	sher?	Yes Intact ted? Yes Yes Yes Yes Yes Yes Yes Yes	No Broken Not present N/A No
Sample Inspection Coolant Present: Temperature °C 3.  Therm. ID#			
Is the Project ID indicated: If project ID is listed on bot Are the sample collection da If collection dates are listed Are the sample collection ti	both COC and containers, do they all On COC h COC and containers, do they all mat ates indicated: On COC On both COC and containers, do they	On sample container(s) Ich? X Yes On sample container(s) all match? Yes On sample container(s)	On Both Not indicated No N/A No Not indicated