Shell Oil Products US



January 15, 2007

Re: **Fourth Quarter 2006 Groundwater Monitoring Report**
**Shell Service Station**
**5251 Hopyard Road**
**Pleasanton, California**

Dear Mr. Jerry Wickham:

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

Sincerely,
Shell Oil Products US

Denis L. Brown
Sr. Environmental Engineer

20945 S. Wilmington Avenue, Carson, CA 90810 P: (559) 645-9306; F: (559) 645-5643

January 15, 2007
DELTA Project SJ52-51H-1
SAP: 135785

Mr. Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Re: FOURTH QUARTER 2006 GROUNDWATER MONITORING REPORT**
**Shell-Branded Service Station**
**5251 Hopyard Road**
**Pleasanton, California**

DELTA

Dear Mr. Wickham:

On behalf of Shell Oil Products (Shell), Delta Environmental Consultants, Inc. (Delta) has prepared this *Fourth Quarter 2006 Groundwater Monitoring Report* for the above referenced site.

This quarterly report represents Delta's professional opinions based upon the currently available information and is arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

If you have any questions regarding this site, please contact Mr. Lee Dooley (Delta) at (408) 826-1880 or
Mr. Denis Brown (Shell) at (707) 865-0251.

Sincerely,
**Delta Environmental Consultants, Inc.**

Matt Lambert
Staff Scientist

R. Lee Dooley, CHG
Senior Hydrogeologist

PROFESSIONAL GEOLOGIST
LEE DOOLEY
NO. 0183
CERTIFIED
HYDROGEOLOGIST
STATE OF CALIFORNIA

Attachment: Third Quarter 2006 Groundwater Monitoring Report

cc: Denis Brown, Shell Oil Products US, Carson
Carl Cox, C and J Cox Corporation, Pleasanton
Colleen Winey, Zone 7 Water Agency, Livermore
Danielle Stefani, Livermore-Pleasanton Fire Department, Pleasanton

# SHELL QUARTERLY STATUS REPORT

| | |
|---|---|
| Station Address: | 5251 Hopyard Road, Pleasanton, CA |
| DELTA Project No.: | SJ52-51H-1 |
| SHELL Project Manager / Phone No.: | Denis Brown / (707) 865-0251 |
| DELTA Site Manager / Phone No.: | Lee Dooley / (408) 826-1880 |
| Primary Agency / Regulatory ID No.: | Alameda County Environmental Health / Mr. Jerry Wickham, P.G., CHG |
| Other Agencies to Receive Copies: | Zone 7 Water Agency, Livermore-Pleasanton Fire Department |

## WORK PERFORMED –THIRD AND FOURTH QUARTERS 2006:

1. Quarterly groundwater monitoring and sampling. Submitted quarterly report.
2. Installed Off-site Well S-9. Submitted installation report
3. Completed groundwater batch extraction. Results to be reported separately.

## WORK PROPOSED FOR NEXT QUARTER (FOURTH - 2006):

1. Quarterly groundwater monitoring and sampling. Submit quarterly report.
2.
3.

| | |
|---|---|
| Current Phase of Project: | Groundwater monitoring and interim remediation activities. |
| Frequency of Sampling: | Quarterly |
| Frequency of Monitoring: | Quarterly |
| Is Separate Phase Hydrocarbon Present On-site (Well #'s): | ☐ Yes ☒ No |
| Cumulative SPH Recovered to Date: | NA |
| SPH Recovered This Quarter : | None |
| Sensitive Receptor(s) and Respective Direction(s): | Chabot canal is located approximately 1,133 feet north-east of the site. No municipal water supply wells were identified within a 1-mile radius of the site. |
| Current Remediation Techniques: | Groundwater batch extraction |
| Permits for Discharge: | None |
| Approximate Depth to Groundwater: | 7 to 9 feet below top of well casing |
| Groundwater Gradient | Northwest at a gradient less than 0.01 ft/ft, consistent with previous data |
| Current Agency Correspondence: | ACHCSA letter dated June 14, 2006 (S-9 well installation work plan approval)0 |
| Summary of Unusual Activity: | None. |

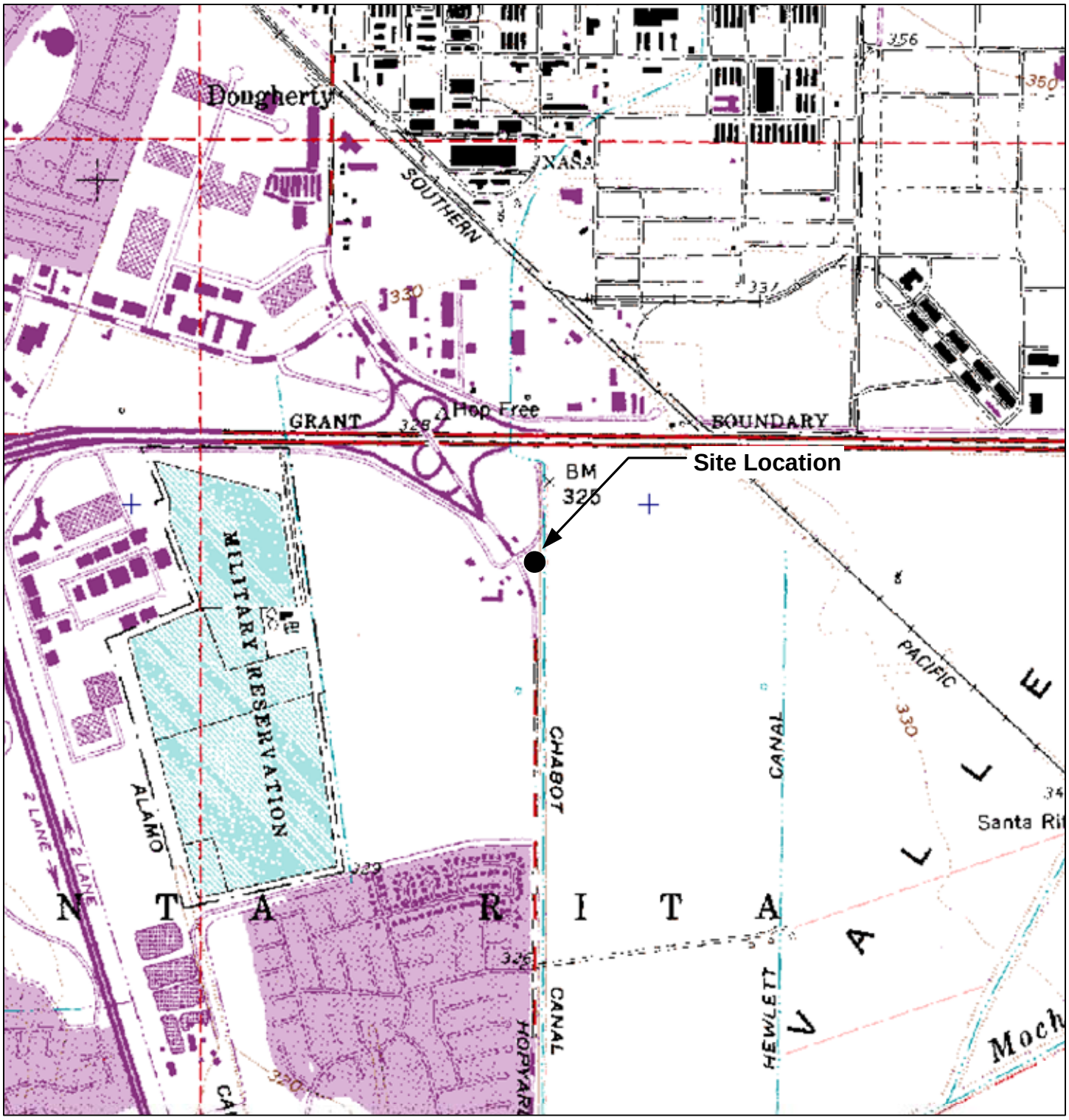
R Lee Dooley

Lee Dooley
Site Manager (DELTA)

## ATTACHED:

- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map, November 13, 2006
- Figure 3 – Benzene, MTBE, and TBA Concentration Map, November 13, 2006
- Attachment A – Groundwater Monitoring and Sampling Report, December 29, 2006

# FIGURES




GENERAL NOTES:
Base Map from: DeLorme Yarmouth, ME 04096
Source Data: USGS

QUADRANGLE LOCATION

North

0 1,300 2,600

Scale, Feet

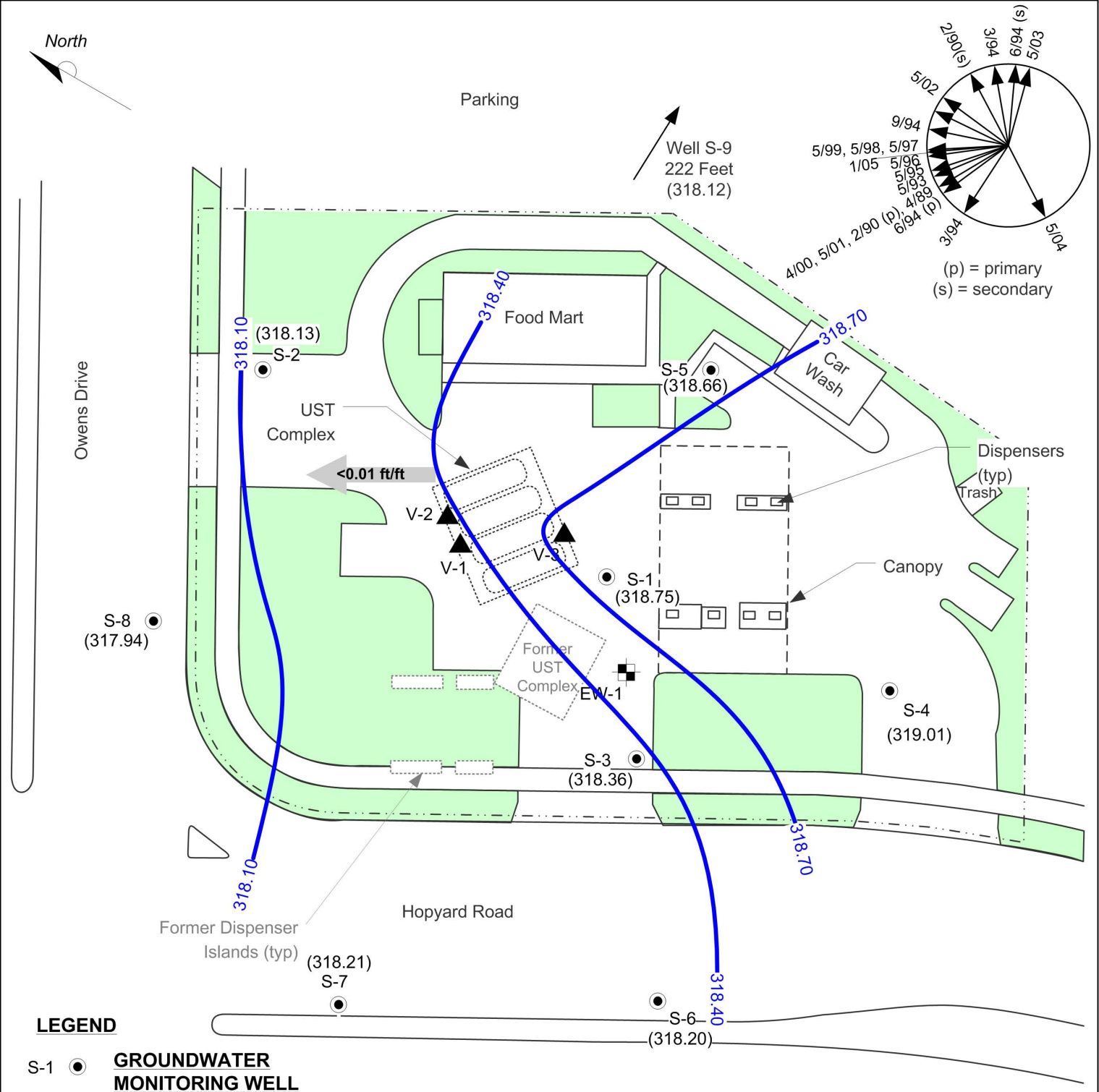
FIGURE 1

SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
5251 Hopyard Road
Pleasanton, California

| | |
|---|---|
| PROJECT NO. SJ52-51H-1.2005 | DRAWN BY V. F. 3/31/05 |
| FILE NO. SJ52-51H-1.2005 | PREPARED BY VF |
| REVISION NO. | REVIEWED BY |

Delta
Environmental
Consultants, Inc.




**LEGEND**

- S-1 — **GROUNDWATER MONITORING WELL**
- V-3 — **SOIL VAPOR EXTRACTION WELL**
- EW-1 — **GROUNDWATER EXTRACTION WELL**
- (318.28) — **GROUNDWATER ELEVATION (FEET-MSL), 11/13/06**
- 318.50 — **GROUNDWATER ELEVATION CONTOUR**
- 0.02 ft/ft — **APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT**

0 50 FT

APPROX. SCALE

FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP, NOVEMBER 13, 2006

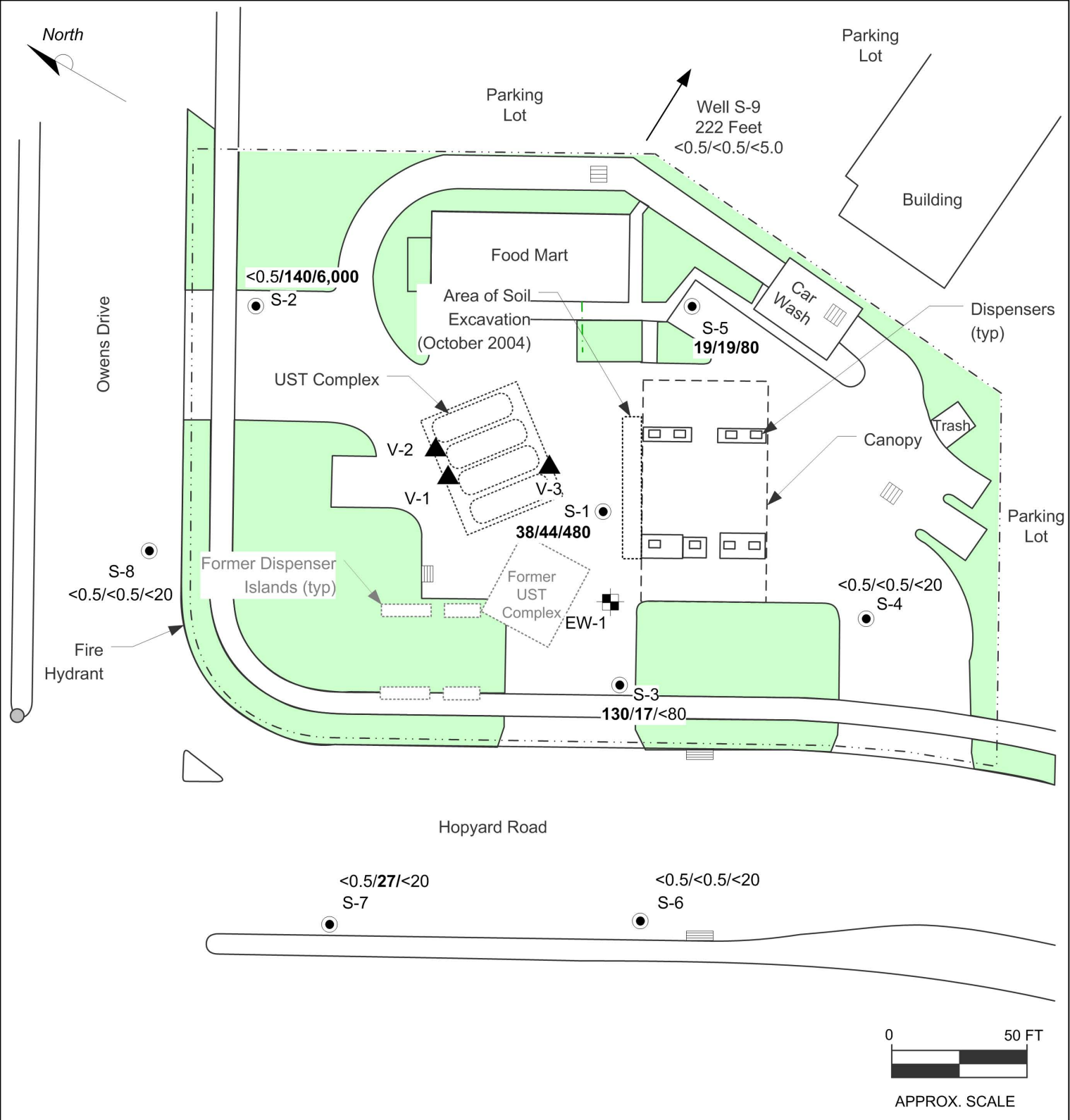
SHELL-BRANDED SERVICE STATION

5251 Hopyard Road

Pleasanton, California

| | |
|---|---|
| PROJECT NO. SJ52-51H-1.2006 | DRAWN BY BH 01/04/07 |
| FILE NO. SJ52-51H-1.2006 | PREPARED BY ML |
| REVISION NO. 2 | REVIEWED BY |

DELTA




## LEGEND

| | |
|---|---|
| S-1 ◉ | GROUNDWATER MONITORING WELL |
| V-3 ▲ | SOIL VAPOR EXTRACTION WELL |
| EW-1 ✚ | GROUNDWATER EXTRACTION WELL |
| <50/<0.50/<0.50 | TPH-G/BENZENE/MTBE CONCENTRATIONS (UG/L),11/13/06 |

FIGURE 3
BENZENE, MTBE, AND TBA CONCENTRATION MAP, NOVEMBER 13, 2006

SHELL-BRANDED SERVICE STATION
5251 Hopyard Road
Pleasanton, California

| | |
|---|---|
| PROJECT NO. SJ52-51H-1.2006 | DRAWN BY BH 1/04/07 |
| FILE NO. SJ52-51H-1.2006 | PREPARED BY ML |
| REVISION NO. 1 | REVIEWED BY |

DELTA

# ATTACHMENT A

# GROUNDWATER MONITORING AND SAMPLING REPORT, DECEMBER 29, 2006

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

December 29, 2006

Denis Brown
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

Fourth Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA

Monitoring performed on November 13, 22, and 27, 2006

Groundwater Monitoring Report **061113-BP-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Manager

MN/ks

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Lee Dooley
Delta Environmental
175 Bernal Rd., Suite 200
San Jose, CA 95119

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-1 | 01/25/1991 | 2,500 | 1,500 | 460 | <25 | 130 | 36 | NA | NA | NA | NA | NA | NA | 326.73 | NA | NA | NA |
| S-1 | 04/06/1991 | 6,700 | 2,600 a | 2,600 | 14 | 580 | 250 | NA | NA | NA | NA | NA | NA | 326.73 | NA | NA | NA |
| S-1 | 07/24/1991 | 8,800 | 3,800 a | 2,300 | 30 | 640 | 220 | NA | NA | NA | NA | NA | NA | 326.73 | NA | NA | NA |
| S-1 | 10/18/1991 | 12,000 | 3,300 a | 3,600 | 380 | 990 | 580 | NA | NA | NA | NA | NA | NA | 326.73 | 8.85 | 317.88 | NA |
| S-1 | 01/23/1992 | 1,600 | 890 | 450 | 3 | 120 | 17 | NA | NA | NA | NA | NA | NA | 326.73 | NA | NA | NA |
| S-1 | 04/27/1992 | 1,100 g | 500 a | 610 | <10 | 110 | 10 | NA | NA | NA | NA | NA | NA | 326.73 | NA | NA | NA |
| S-1 | 07/21/1992 | 5,100 | 290 c | 1,900 | 54 | 460 | 140 | NA | NA | NA | NA | NA | NA | 326.73 | NA | NA | NA |
| S-1 | 10/16/1992 | 13,000 | 390 c | 3,200 | 310 | 780 | 360 | NA | NA | NA | NA | NA | NA | 326.73 | NA | NA | NA |
| S-1 | 01/23/1993 | 2,300 | 30 d | 640 | <5 | 110 | 13 | NA | NA | NA | NA | NA | NA | 326.73 | 7.96 | 318.77 | NA |
| S-1 | 04/28/1993 | 4,600 | 390 | 780 | <0.5 | 250 | <0.5 | NA | NA | NA | NA | NA | NA | 326.73 | 9.07 | 317.66 | NA |
| S-1 | 09/22/1993 | 3,000 | 610 a | 660 | 28 | 160 | 17 | NA | NA | NA | NA | NA | NA | 326.73 | 8.68 | 318.05 | NA |
| S-1 | 12/08/1993 | 520 | 280 | 210 | <2.5 | 49 | <2.5 | NA | NA | NA | NA | NA | NA | 326.73 | 8.23 | 318.50 | NA |
| S-1 | 03/04/1994 | 640 | NA | 190 | 1.4 | 18 | 1.3 | NA | NA | NA | NA | NA | NA | 326.73 | 8.81 | 317.92 | NA |
| S-1 (D) | 03/04/1994 | 640 | NA | 180 | 1.7 | 17 | 1.3 | NA | NA | NA | NA | NA | NA | 326.73 | 8.81 | 317.92 | NA |
| S-1 | 06/16/1994 | 2,500 | NA | 390 | 9.5 | 31 | 7.5 | NA | NA | NA | NA | NA | NA | 326.73 | 8.80 | 317.93 | NA |
| S-1 (D) | 06/16/1994 | 2,000 | NA | 410 | 7.8 | 120 | 20 | NA | NA | NA | NA | NA | NA | 326.73 | 8.80 | 317.93 | NA |
| S-1 | 09/13/1994 | 1,400 | NA | 310 | 7.7 | 29 | 8.5 | NA | NA | NA | NA | NA | NA | 326.73 | 8.62 | 318.11 | NA |
| S-1 (D) | 09/13/1994 | 1,400 | NA | 240 | 7.9 | 44 | 6.3 | NA | NA | NA | NA | NA | NA | 326.73 | 8.62 | 318.11 | NA |
| S-1 | 05/05/1995 | 800 | NA | 120 | 3.6 | 26 | 2.7 | NA | NA | NA | NA | NA | NA | 326.73 | 11.54 | 315.19 | NA |
| S-1 (D) | 05/05/1995 | 710 | NA | 110 | 3.4 | 19 | 2.7 | NA | NA | NA | NA | NA | NA | 326.73 | 11.54 | 315.19 | NA |
| S-1 | 05/21/1996 | 1,500 | NA | 170 | 8.5 | 120 | 6.7 | NA | NA | NA | NA | NA | NA | 326.73 | 8.88 | 317.85 | NA |
| S-1 | 05/12/1997 | 4,700 | NA | 200 | 15 | 210 | 20 | 2,300 | NA | NA | NA | NA | NA | 326.73 | 11.19 | 315.54 | 2.4 |
| S-1 (D) | 05/12/1997 | 4,800 | NA | 210 | 16 | 190 | 16 | 3,200 | 2,900 | NA | NA | NA | NA | 326.73 | 11.19 | 315.54 | 2.4 |
| S-1 | 05/08/1998 | 500 | NA | 18 | 2.1 | 2.3 | 2 | 1,000 | NA | NA | NA | NA | NA | 326.73 | 8.38 | 318.35 | 2.1 |
| S-1 | 06/27/1999 | 2,970 | NA | 117 | 32.0 | 69.1 | 17.5 | 374 | NA | NA | NA | NA | NA | 326.73 | 8.79 | 317.94 | 2.4 |
| S-1 | 04/28/2000 | 1,920 | NA | 50.5 | 15.0 | 67.2 | 46.7 | 276 | NA | NA | NA | NA | NA | 326.73 | 8.50 | 318.23 | 2.8 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-1 | 05/30/2001 | 3,900 | NA | 27 | 12 | 140 | 28 | NA | 140 | NA | NA | NA | NA | 326.73 | 8.18 | 318.55 | 2.6 |
| S-1 | 06/17/2002 | 2,700 | NA | 25 | 11 | 51 | 14 | NA | 140 | NA | NA | NA | NA | 326.73 | 8.39 | 318.34 | 3.2 |
| S-1 | 05/30/2003 | 3,900 | NA | 12 | 8.2 | 47 | 12 | NA | 270 | NA | NA | NA | NA | 326.74 | 7.41 | 319.33 | 1.2 |
| S-1 | 05/03/2004 | 3,700 | NA | 32 | 21 | 170 | 34 | NA | 410 | NA | NA | NA | NA | 326.74 | 11.18 | 315.56 | 2.4 |
| S-1 | 01/14/2005 | 4,200 | NA | 22 | 34 | 380 | 33 | NA | 100 | NA | NA | NA | NA | 326.74 | 7.10 | 319.64 | 0.58 |
| S-1 | 05/05/2005 | 5,000 | NA | 33 | 110 | 970 | 210 | NA | 190 | <0.50 | <0.50 | 0.95 | 630 | 326.74 | 11.32 | 315.42 | NA |
| S-1 | 08/05/2005 l | 4,600 | NA | 32 | 52 | 420 | 69 | NA | 110 | <40 | <40 | <40 | 410 | 326.74 | 9.04 | 317.70 | NA |
| S-1 | 09/16/2005 | 3,300 | NA | 14 | 28 | 280 | 43 | NA | 60 | 51 | <10 | <10 | 260 | 326.74 | 11.37 | 315.37 | NA |
| S-1 | 11/08/2005 | 4,700 | NA | 19.2 | 47 | 416 | 84.0 | NA | 50.2 | <0.500 | <0.500 | <0.500 | <10.0 | 326.74 | 9.06 | 317.68 | NA |
| S-1 | 01/31/2006 | 6,380 | NA | 21.0 | 33.1 | 280 | 31.0 | NA | 59.9 | <0.500 | <0.500 | <0.500 | 306 | 326.74 | 8.12 | 318.62 | NA |
| S-1 | 05/16/2006 | 9,080 | NA | 25.8 | 46.6 | 517 | 86.6 m | NA | 69.5 | <0.500 | <0.500 | <0.500 | 268 | 326.74 | 7.95 | 318.79 | NA |
| S-1 | 08/23/2006 | 4,980 | NA | 19.0 | 22.7 | 74.7 | 38.7 | NA | 42.9 | <0.500 | <0.500 | <0.500 | 252 | 326.74 | 7.95 | 318.79 | NA |
| **S-1** | **11/13/2006** | **7,900** | **NA** | **38** | **41** | **480** | **52** | **NA** | **44** | **<5.0** | **<5.0** | **<5.0** | **480** | **326.74** | **7.99** | **318.75** | **NA** |
| S-2 | 01/25/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | NA | NA | NA |
| S-2 | 04/16/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | NA | NA | NA |
| S-2 | 07/24/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | NA | NA | NA |
| S-2 | 10/18/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | 8.83 | 317.76 | NA |
| S-2 | 01/23/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | NA | NA | NA |
| S-2 | 04/27/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | NA | NA | NA |
| S-2 | 07/17/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | NA | NA | NA |
| S-2 | 10/16/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | NA | NA | NA |
| S-2 | 01/23/1993 | <50 | 140 b | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | 8.10 | 318.49 | NA |
| S-2 | 04/28/1993 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | 9.06 | 317.53 | NA |
| S-2 | 09/22/1993 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 326.59 | 8.91 | 317.68 | NA |
| S-2 | 12/08/1993 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 326.59 | 9.07 | 317.52 | NA |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-2 | 03/04/1994 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 326.59 | 8.90 | 317.69 | NA |
| S-2 | 06/16/1994 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 326.59 | 8.98 | 317.61 | NA |
| S-2 | 09/13/1994 | <50 | NA | <0.5 | 2.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | 8.78 | 317.81 | NA |
| S-2 | 05/05/1995 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | 8.60 | 317.99 | NA |
| S-2 | 05/21/1996 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.59 | 8.75 | 317.84 | NA |
| S-2 | 05/12/1997 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | NA | NA | NA | NA | NA | 326.59 | 8.72 | 317.87 | 3.4 |
| S-2 | 05/08/1998 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 326.59 | 8.63 | 317.96 | 3.1 |
| S-2 | 06/27/1999 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <2.00 | NA | NA | NA | NA | NA | 326.59 | 8.79 | 317.80 | 2.6 |
| S-2 | 04/28/2000 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 | NA | NA | NA | NA | NA | 326.59 | 8.33 | 318.26 | 2.0 |
| S-2 | 05/30/2001 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | <0.50 | NA | NA | NA | NA | 326.59 | 8.56 | 318.03 | 1.8 |
| S-2 | 06/17/2002 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 326.59 | 8.87 | 317.72 | i |
| S-2 | 05/30/2003 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 18 | NA | NA | NA | NA | 326.47 | 7.89 | 318.58 | 1.7 |
| S-2 | 05/03/2004 | <250 | NA | <2.5 | <2.5 | <2.5 | <5.0 | NA | 510 | NA | NA | NA | NA | 326.47 | 5.44 | 321.03 | 0.1 |
| S-2 | 01/14/2005 | <250 | NA | <2.5 | <2.5 | <2.5 | <5.0 | NA | 270 | NA | NA | NA | NA | 326.47 | 7.88 | 318.59 | NA |
| S-2 | 05/05/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | 280 | <0.50 | <0.50 | 0.55 | 8.9 j | 326.47 | 8.14 | 318.33 | NA |
| S-2 | 08/05/2005 l | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 320 | <2.0 | <2.0 | <2.0 | 510 | 326.47 | 8.24 | 318.23 | NA |
| S-2 | 09/16/2005 | <250 | NA | <2.5 | <2.5 | <2.5 | <5.0 | NA | 320 | <10 | <10 | <10 | 1,800 | 326.47 | 8.06 | 318.41 | NA |
| S-2 | 11/08/2005 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | 375 | <0.500 | <0.500 | 0.610 | 1,130 | 326.47 | 8.20 | 318.27 | NA |
| S-2 | 01/31/2006 | 281 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | 354 | <0.500 | <0.500 | <0.500 | 3,090 | 326.47 | 8.18 | 318.29 | NA |
| S-2 | 05/16/2006 | 785 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | 282 | <0.500 | <0.500 | <0.500 | 3,250 | 326.47 | 8.34 | 318.13 | NA |
| S-2 | 08/23/2006 | 344 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | 194 | <0.500 | <0.500 | 0.560 | 10,600 | 326.47 | 8.32 | 318.15 | NA |
| **S-2** | **11/13/2006** | **320** | **NA** | **<5.0 f** | **<5.0 f** | **<5.0 f** | **<5.0 f** | **NA** | **140 f** | **<5.0 f** | **<5.0 f** | **<5.0 f** | **6,000 f** | **326.50** | **8.37** | **318.13** | **NA** |
| S-3 | 01/25/1991 | 870 | 330 | 230 | <2.5 | 130 | <2.5 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-3 | 04/16/1991 | 190 | 140 a | 12 | 0.8 | 6.2 | 1.5 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-3 | 07/24/1991 | 1,700 | 1,200 a | 450 | 4.4 | 150 | 2.9 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-3 | 10/18/1991 | 1,900 | 500 | 370 | 3.1 | 120 | 220 | NA | NA | NA | NA | NA | NA | 327.38 | 9.64 | 317.74 | NA |
| S-3 | 01/23/1992 | 2,000 | 650 a | 580 | 3 | 200 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-3 | 04/27/1992 | 1,100 | 230 a | 150 | <3 | 76 | 14 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-3 | 07/17/1992 | 810 | 58 | 200 | <2.5 | 57 | 3.8 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-3 | 10/16/1992 | 440 | 190 c | 79 | 1.8 | 18 | 4.6 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-3 | 01/23/1993 | 670 | 170 d | 79 | 1.5 | 46 | 15 | NA | NA | NA | NA | NA | NA | 327.38 | 8.81 | 318.57 | NA |
| S-3 | 04/28/1993 | 2,000 | <50 | 300 | 3.4 | 210 | 38 | NA | NA | NA | NA | NA | NA | 327.38 | 9.87 | 317.51 | NA |
| S-3 | 09/22/1993 | 4,800 | 670 a | 2,000 | 34 | 150 | 51 | NA | NA | NA | NA | NA | NA | 327.38 | 9.65 | 317.73 | NA |
| S-3 | 12/08/1993 | 1,200 | 11 | 440 | <5.0 | 120 | 29 | NA | NA | NA | NA | NA | NA | 327.38 | 9.26 | 318.12 | NA |
| S-3 | 03/04/1994 | 630 | NA | 130 | <0.5 | 17 | 0.8 | NA | NA | NA | NA | NA | NA | 327.38 | 9.64 | 317.74 | NA |
| S-3 | 06/16/1994 | 1,800 | NA | 430 | 19 | 35 | 21 | NA | NA | NA | NA | NA | NA | 327.38 | 9.78 | 317.60 | NA |
| S-3 | 05/05/1995 | 160 | NA | 50 | 0.9 | 7.2 | 4.1 | NA | NA | NA | NA | NA | NA | 327.38 | 9.38 | 318.00 | NA |
| S-3 | 05/21/1996 | 270 | NA | 45 | <0.5 | 1.4 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | 9.41 | 317.97 | NA |
| S-3 (D) | 05/21/1996 | 210 | NA | <0.5 | <0.5 | 0.95 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | 9.41 | 317.97 | NA |
| S-3 | 05/12/1997 | 420 | NA | <1.0 | <1.0 | <1.0 | <1.0 | 57 | NA | NA | NA | NA | NA | 327.38 | 9.30 | 318.08 | 2.5 |
| S-3 | 05/08/1998 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 327.38 | 9.12 | 318.26 | 2.2 |
| S-3 | 06/27/1999 | 106 | NA | 8.51 | <0.500 | <0.500 | <0.500 | 31.0 | NA | NA | NA | NA | NA | 327.38 | 9.39 | 317.99 | 2.1 |
| S-3 | 04/28/2000 | 139 | NA | 7.58 | <0.500 | <0.500 | <0.500 | 42.6 | NA | NA | NA | NA | NA | 327.38 | 9.04 | 318.34 | 1.8 |
| S-3 | 05/30/2001 | 2,200 | NA | 510 | 6.9 | 100 | 21 | NA | 33 | NA | NA | NA | NA | 327.38 | 9.19 | 318.19 | 2.0 |
| S-3 | 06/17/2002 | 600 | NA | 150 | 2.1 | 30 | 11 | NA | 36 | NA | NA | NA | NA | 327.38 | 9.35 | 318.03 | 0.1 |
| S-3 | 05/30/2003 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 9.0 | NA | NA | NA | NA | 327.04 | 8.39 | 318.65 | 1.2 |
| S-3 | 05/03/2004 | 61 k | NA | 0.90 | <0.50 | <0.50 | <1.0 | NA | 9.8 | NA | NA | NA | NA | 327.04 | 8.73 | 318.31 | 1.2 |
| S-3 | 01/14/2005 | 94 | NA | 4.6 | <0.50 | 3.1 | 1.0 | NA | 13 | NA | NA | NA | NA | 327.04 | 8.00 | 319.04 | NA |
| S-3 | 05/05/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | 5.7 | <0.50 | <0.50 | <0.50 | <5.0 | 327.04 | 8.31 | 318.73 | NA |
| S-3 | 08/05/2005 l | <50 | NA | 0.51 | <0.50 | <0.50 | <1.0 | NA | 6.0 | <2.0 | <2.0 | <2.0 | 42 | 327.04 | 8.32 | 318.72 | NA |
| S-3 | 09/16/2005 | <50 | NA | 0.62 | <0.50 | <0.50 | <1.0 | NA | 7.9 | <2.0 | <2.0 | <2.0 | <5.0 | 327.04 | 8.29 | 318.75 | NA |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-3 | 11/08/2005 | 166 | NA | 63.0 | 1.32 | 7.20 | 2.99 | NA | 8.67 | <0.500 | <0.500 | <0.500 | <10.0 | 327.04 | 8.17 | 318.87 | NA |
| S-3 | 01/31/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | 7.05 | <0.500 | <0.500 | <0.500 | <10.0 | 327.04 | 8.05 | 318.99 | NA |
| S-3 | 05/16/2006 | <50.0 | NA | 3.23 | <0.500 | 1.42 | 1.63 m | NA | 3.92 | <0.500 | <0.500 | <0.500 | <10.0 | 327.04 | 8.62 | 318.42 | NA |
| S-3 | 08/23/2006 | <50.0 | NA | 18.9 | <0.500 | 1.72 | 0.800 | NA | 7.65 | <0.500 | <0.500 | <0.500 | <10.0 | 327.04 | 8.54 | 318.50 | NA |
| **S-3** | **11/13/2006** | **530** | **NA** | **130 f** | **3.4 f** | **10 f** | **4.6 f** | **NA** | **17 f** | **<2.0 f** | **<2.0 f** | **<2.0 f** | **<80 f** | **327.01** | **8.65** | **318.36** | **NA** |
| S-4 | 01/25/1991 | <50 | <50 | <0.5 | 1.5 | <0.5 | 2.8 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-4 | 04/16/1991 | <50 | 0.7 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-4 | 07/24/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-4 | 10/18/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | 8.82 | 318.56 | NA |
| S-4 | 01/23/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-4 | 04/27/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-4 | 07/17/1992 | <500 | 74 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-4 | 10/16/1992 | <500 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | NA | NA | NA |
| S-4 | 01/23/1993 | <500 | 94 b | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | 8.32 | 319.06 | NA |
| S-4 | 04/28/1993 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | 9.76 | 317.62 | NA |
| S-4 | 09/22/1993 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 327.38 | 9.30 | 318.08 | NA |
| S-4 | 12/08/1993 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 327.38 | 9.74 | 317.64 | NA |
| S-4 | 03/04/1994 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 327.38 | 9.60 | 317.78 | NA |
| S-4 | 06/16/1994 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 327.38 | 9.42 | 317.96 | NA |
| S-4 | 05/05/1995 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | 9.02 | 318.36 | NA |
| S-4 | 05/21/1996 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.38 | 9.29 | 318.09 | NA |
| S-4 | 05/12/1997 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | 140 | NA | NA | NA | NA | NA | 327.38 | 7.95 | 319.43 | 2.5 |
| S-4 | 05/08/1998 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | 250 | NA | NA | NA | NA | NA | 327.38 | 8.96 | 318.42 | 2.0 |
| S-4 | 06/27/1999 | 303 | NA | 35.8 | 24.8 | 12.4 | 69.8 | 106 | NA | NA | NA | NA | NA | 327.38 | 8.90 | 318.48 | 2.6 |
| S-4 | 04/28/2000 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | 40.2 | NA | NA | NA | NA | NA | 327.38 | 8.37 | 319.01 | 1.9 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-4 | 05/30/2001 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | 6.8 | NA | NA | NA | NA | 327.38 | 8.83 | 318.55 | 1.8 |
| S-4 | 06/17/2002 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | 31 | NA | NA | NA | NA | 327.38 | 9.37 | 318.01 | 4.8 |
| S-4 | 05/30/2003 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 130 | NA | NA | NA | NA | 327.24 | 8.46 | 318.78 | 1.4 |
| S-4 | 05/03/2004 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 170 | NA | NA | NA | NA | 327.24 | 8.70 | 318.54 | 1.1 |
| S-4 | 01/14/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 25 | NA | NA | NA | NA | 327.24 | 8.17 | 319.07 | NA |
| S-4 | 05/05/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | 15 | <0.50 | <0.50 | <0.50 | <5.0 | 327.24 | 8.25 | 318.99 | NA |
| S-4 | 08/05/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 6.1 | <2.0 | <2.0 | <2.0 | <5.0 | 327.24 | 8.14 | 319.10 | NA |
| S-4 | 11/08/2005 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | 1.01 | <0.500 | <0.500 | <0.500 | <10.0 | 327.24 | 8.33 | 318.91 | NA |
| S-4 | 01/31/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <10.0 | 327.24 | 8.29 | 318.95 | NA |
| S-4 | 05/16/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <10.0 | 327.24 | 8.46 | 318.78 | NA |
| S-4 | 08/23/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <10.0 | 327.24 | 8.34 | 318.90 | NA |
| **S-4** | **11/13/2006** | **<50** | **NA** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **NA** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **<20** | **327.24** | **8.23** | **319.01** | **NA** |
| S-5 | 01/25/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | 0.7 | NA | NA | NA | NA | NA | NA | 327.76 | NA | NA | NA |
| S-5 | 04/16/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | 0.8 | NA | NA | NA | NA | NA | NA | 327.76 | NA | NA | NA |
| S-5 | 07/24/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.76 | NA | NA | NA |
| S-5 | 10/18/1991 | 120 e | <50 | 4.3 | <0.5 | 1 | 0.7 | NA | NA | NA | NA | NA | NA | 327.76 | 10.00 | 317.76 | NA |
| S-5 | 01/23/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.76 | NA | NA | NA |
| S-5 | 04/27/1992 | 50 | <50 | <0.5 | <0.5 | <0.5 | 0.6 | NA | NA | NA | NA | NA | NA | 327.76 | NA | NA | NA |
| S-5 | 07/17/1992 | <50 | 70 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.76 | NA | NA | NA |
| S-5 | 10/16/1992 | 230 | 57 | 13 | <0.5 | 4.9 | 4.3 | NA | NA | NA | NA | NA | NA | 327.76 | NA | NA | NA |
| S-5 | 01/23/1993 | <50 | 150 b | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.76 | 8.88 | 318.88 | NA |
| S-5 | 04/28/1993 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.76 | 10.20 | 317.56 | NA |
| S-5 | 09/22/1993 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.76 | 9.92 | 317.84 | NA |
| S-5 | 12/08/1993 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.76 | 10.19 | 317.57 | NA |
| S-5 | 03/04/1994 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.76 | 9.95 | 317.81 | NA |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-5 | 06/16/1994 | <50 | NA | 0.9 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.76 | 10.02 | 317.74 | NA |
| S-5 | 05/05/1995 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.76 | 9.58 | 318.18 | NA |
| S-5 | 05/21/1996 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 327.76 | 9.84 | 317.92 | NA |
| S-5 | 05/12/1997 | 360 | NA | 3.3 | <0.50 | 17 | 9.8 | 130 | NA | NA | NA | NA | NA | 327.76 | 9.16 | 318.60 | 4.2 |
| S-5 | 05/08/1998 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | 92 | NA | NA | NA | NA | NA | 327.76 | 9.25 | 318.51 | 3.8 |
| S-5 (D) | 05/08/1998 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | 100 | NA | NA | NA | NA | NA | 327.76 | 9.25 | 318.51 | 3.8 |
| S-5 | 06/27/1999 | 223 | NA | 13.7 | 12.9 | 8.20 | 45.8 | 106 | NA | NA | NA | NA | NA | 327.76 | 9.39 | 318.37 | 3.0 |
| S-5 | 04/28/2000 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | 255 | NA | NA | NA | NA | NA | 327.76 | 9.43 | 318.33 | 1.2 |
| S-5 | 05/30/2001 | <100 | NA | <1.0 | <1.0 | <1.0 | <1.0 | NA | 480 | NA | NA | NA | NA | 327.76 | 9.47 | 318.29 | 1.1 |
| S-5 | 06/17/2002 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | 210 | NA | NA | NA | NA | 327.76 | 9.74 | 318.02 | 0.2 |
| S-5 | 05/30/2003 | <250 | NA | <2.5 | <2.5 | <2.5 | <5.0 | NA | 450 | NA | NA | NA | NA | 327.43 | 8.87 | 318.56 | 1.7 |
| S-5 | 05/03/2004 | <250 | NA | <2.5 | <2.5 | <2.5 | <5.0 | NA | 470 | NA | NA | NA | NA | 327.43 | 9.10 | 318.33 | 0.7 |
| S-5 | 01/14/2005 | <100 | NA | <1.0 | <1.0 | <1.0 | <2.0 | NA | 230 | NA | NA | NA | NA | 327.43 | 8.43 | 319.00 | NA |
| S-5 | 05/05/2005 | 76 | NA | 16 | <0.50 | <0.50 | <0.50 | NA | 120 | <0.50 | <0.50 | <0.50 | 630 | 327.43 | 8.71 | 318.72 | NA |
| S-5 | 08/05/2005 I | 1,900 | NA | 57 | 7.5 | 22 | 17 | NA | 240 | <4 | <4 | <4 | 480 | 327.43 | 8.90 | 318.53 | NA |
| S-5 | 09/16/2005 | 1,400 | NA | 87 | 2.0 | 7.8 | 5.8 | NA | 75 | <4.0 | <4.0 | <4.0 | 630 | 327.43 | 8.84 | 318.59 | NA |
| S-5 | 11/08/2005 | 315 | NA | 35.8 | <0.500 | <0.500 | 1.07 | NA | 49.1 | <0.500 | <0.500 | <0.500 | <10.0 | 327.43 | 8.86 | 318.57 | NA |
| S-5 | 01/31/2006 | 335 | NA | 7.74 | <0.500 | <0.500 | <0.500 | NA | 48.2 | <0.500 | <0.500 | <0.500 | 337 | 327.43 | 8.66 | 318.77 | NA |
| S-5 | 05/16/2006 | 349 | NA | 3.54 | <0.500 | <0.500 | <0.500 | NA | 24.7 | <0.500 | <0.500 | <0.500 | 182 | 327.43 | 9.00 | 318.43 | NA |
| S-5 | 08/23/2006 | <50.0 | NA | 5.39 | <0.500 | <0.500 | <0.500 | NA | 17.0 | <0.500 | <0.500 | <0.500 | 91.0 | 327.43 | 8.97 | 318.46 | NA |
| **S-5** | **11/13/2006** | **420** | **NA** | **19** | **1.7** | **<0.50** | **1.7** | **NA** | **19** | **<0.50** | **<0.50** | **<0.50** | **80** | **327.43** | **8.77** | **318.66** | **NA** |
| S-6 | 01/25/1991 | <50 | <50 | <0.5 | 1.7 | <0.5 | 2.8 | NA | NA | NA | NA | NA | NA | 326.56 | NA | NA | NA |
| S-6 | 04/16/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | 0.6 | NA | NA | NA | NA | NA | NA | 326.56 | NA | NA | NA |
| S-6 | 07/24/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | 0.5 | NA | NA | NA | NA | NA | NA | 326.56 | NA | NA | NA |
| S-6 | 10/18/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | 0.5 | NA | NA | NA | NA | NA | NA | 326.56 | 8.84 | 317.22 | NA |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-6 | 01/23/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | 0.5 | NA | NA | NA | NA | NA | NA | 326.56 | NA | NA | NA |
| S-6 | 04/27/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.56 | NA | NA | NA |
| S-6 | 07/17/1992 | 400 | 130 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.56 | NA | NA | NA |
| S-6 | 10/16/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.56 | NA | NA | NA |
| S-6 | 01/23/1993 | <50 | 230 b | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.56 | 7.82 | 318.74 | NA |
| S-6 | 04/28/1993 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.56 | 9.00 | 317.56 | NA |
| S-6 | 09/22/1993 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.56 | 8.61 | 317.96 | NA |
| S-6 | 12/08/1993 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.56 | 10.02 | 316.54 | NA |
| S-6 | 03/04/1994 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.56 | 8.88 | 317.68 | NA |
| S-6 | 06/16/1994 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.56 | 9.04 | 317.52 | NA |
| S-6 | 05/05/1995 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.56 | 8.54 | 318.02 | NA |
| S-6 | 05/21/1996 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.56 | 8.62 | 317.94 | NA |
| S-6 | 05/12/1997 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 326.56 | 8.60 | 317.96 | 2.6 |
| S-6 | 05/08/1998 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 326.56 | 7.90 | 318.66 | 2.2 |
| S-6 | 06/27/1999 | 430 | NA | 50.1 | 30.5 | 15.2 | 83.5 | 8.05 | NA | NA | NA | NA | NA | 326.56 | 8.01 | 318.55 | 2.3 |
| S-6 | 04/28/2000 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 | NA | NA | NA | NA | NA | 326.56 | 8.84 | 317.72 | 2.0 |
| S-6 | 05/30/2001 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | <0.50 | NA | NA | NA | NA | 326.56 | 8.54 | 318.02 | 1.9 |
| S-6 | 06/17/2002 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 326.56 | 8.48 | 318.08 | 1.3 |
| S-6 | 05/30/2003 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 8.7 | NA | NA | NA | NA | 326.35 | 7.36 | 318.99 | 1.0 |
| S-6 | 05/03/2004 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | NA | NA | NA | NA | 326.35 | 8.08 | 318.27 | 0.9 |
| S-6 | 01/14/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | NA | NA | NA | NA | 326.35 | 7.38 | 318.97 | NA |
| S-6 | 05/05/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 | 326.35 | 7.55 | 318.80 | NA |
| S-6 | 08/05/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | <2.0 | <2.0 | <2.0 | <5.0 | 326.35 | 7.61 | 318.74 | NA |
| S-6 | 11/08/2005 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <10.0 | 326.35 | 7.64 | 318.71 | NA |
| S-6 | 01/31/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | <0.500 | 30.5 | 326.35 | 7.90 | 318.45 | NA |
| S-6 | 05/16/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <10.0 | 326.35 | 8.16 | 318.19 | NA |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-6 | 08/23/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | <0.500 | 10.9 | 326.35 | 7.77 | 318.58 | NA |
| **S-6** | **11/13/2006** | **<50** | **NA** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **NA** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **<20** | **326.35** | **8.15** | **318.20** | **NA** |
| S-7 | 01/25/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.49 | NA | NA | NA |
| S-7 | 04/16/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.49 | NA | NA | NA |
| S-7 | 07/24/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.49 | NA | NA | NA |
| S-7 | 10/18/1991 | <50 | 140 f | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.49 | 8.92 | 317.57 | NA |
| S-7 | 01/23/1992 | <50 | 140 f | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.49 | NA | NA | NA |
| S-7 | 04/27/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.49 | NA | NA | NA |
| S-7 | 07/17/1992 | <50 | <50 | <0.5 | 1.8 | 0.6 | 4.1 | NA | NA | NA | NA | NA | NA | 326.49 | NA | NA | NA |
| S-7 | 10/16/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.49 | NA | NA | NA |
| S-7 | 01/23/1993 | <50 | 110 b | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.49 | 8.06 | 318.43 | NA |
| S-7 | 04/28/1993 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.49 | 8.94 | 317.55 | NA |
| S-7 | 09/22/1993 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 326.49 | 8.57 | 317.92 | NA |
| S-7 | 12/08/1993 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 326.49 | 9.00 | 317.49 | NA |
| S-7 | 03/04/1994 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 326.49 | 8.96 | 317.53 | NA |
| S-7 | 06/16/1994 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 326.49 | 9.12 | 317.37 | NA |
| S-7 | 05/05/1995 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.49 | 8.58 | 317.91 | NA |
| S-7 | 05/21/1996 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 326.49 | 8.64 | 317.85 | NA |
| S-7 | 05/12/1997 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 326.49 | 8.74 | 317.75 | 2.3 |
| S-7 | 05/08/1998 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 326.49 | 8.00 | 318.49 | 2.5 |
| S-7 | 06/27/1999 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <2.00 | NA | NA | NA | NA | NA | 326.49 | 8.75 | 317.74 | 2.9 |
| S-7 | 04/28/2000 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 | NA | NA | NA | NA | NA | 326.49 | 8.96 | 317.53 | 2.2 |
| S-7 | 05/30/2001 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | <0.50 | NA | NA | NA | NA | 326.49 | 8.65 | 317.84 | 2.0 |
| S-7 | 06/17/2002 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 326.49 | 8.55 | 317.94 | 2.3 |
| S-7 | 05/30/2003 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 12 | NA | NA | NA | NA | 326.36 | 7.88 | 318.48 | 1.8 |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-7 | 05/03/2004 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 100 | NA | NA | NA | NA | 326.36 | 8.30 | 318.06 | 1.2 |
| S-7 | 01/14/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 41 | NA | NA | NA | NA | 326.36 | 7.70 | 318.66 | NA |
| S-7 | 05/05/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | 91 | <0.50 | <0.50 | 6.8 | <5.0 | 326.36 | 7.60 | 318.76 | NA |
| S-7 | 08/05/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 100 | <2.0 | <2.0 | 7.5 | <5.0 | 326.36 | 8.42 | 317.94 | NA |
| S-7 | 11/08/2005 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | 124 | <0.500 | <0.500 | 8.70 | <10.0 | 326.36 | 7.61 | 318.75 | NA |
| S-7 | 01/31/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | 93.0 | <0.500 | <0.500 | 4.50 | <10.0 | 326.36 | 7.85 | 318.51 | NA |
| S-7 | 05/16/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | 76.3 | <0.500 | <0.500 | 2.98 | <10.0 | 326.36 | 8.08 | 318.28 | NA |
| S-7 | 08/23/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | 34.7 | <0.500 | <0.500 | 2.02 | <10.0 | 326.36 | 7.93 | 318.43 | NA |
| **S-7** | **11/13/2006** | **<50** | **NA** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **NA** | **27** | **<0.50** | **<0.50** | **1.6** | **<20** | **326.36** | **8.15** | **318.21** | **NA** |
| S-8 | 01/25/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | NA | NA | NA |
| S-8 | 04/16/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | NA | NA | NA |
| S-8 | 07/24/1991 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | NA | NA | NA |
| S-8 | 10/18/1991 | <50 | 360 f | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | 7.62 | 317.70 | NA |
| S-8 | 01/23/1992 | <50 | 90 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | NA | NA | NA |
| S-8 | 04/27/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | NA | NA | NA |
| S-8 | 07/17/1992 | 53 | <50 | <0.5 | 1 | <0.5 | 1.8 | NA | NA | NA | NA | NA | NA | 325.32 | NA | NA | NA |
| S-8 | 10/16/1992 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | NA | NA | NA |
| S-8 | 01/23/1993 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | 7.00 | 318.32 | NA |
| S-8 | 04/28/1993 | <50 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | 7.77 | 317.55 | NA |
| S-8 | 09/22/1993 | <50 | 160 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | 7.67 | 317.65 | NA |
| S-8 | 12/08/1993 | <50 | 210 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | 7.76 | 317.56 | NA |
| S-8 | 03/04/1994 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | 7.66 | 317.66 | NA |
| S-8 | 06/16/1994 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | 7.78 | 317.54 | NA |
| S-8 | 05/05/1995 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | 7.42 | 317.90 | NA |
| S-8 | 05/21/1996 | <50 | NA | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 325.32 | 7.50 | 317.82 | NA |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-8 | 05/12/1997 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 325.32 | 7.56 | 317.76 | 1.6 |
| S-8 | 05/08/1998 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 325.32 | 7.64 | 317.68 | 2.0 |
| S-8 | 06/27/1999 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <2.00 | NA | NA | NA | NA | NA | 325.32 | 7.75 | 317.57 | 2.3 |
| S-8 | 04/28/2000 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 | NA | NA | NA | NA | NA | 325.32 | 8.02 | 317.30 | 1.8 |
| S-8 | 05/30/2001 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | <0.50 | NA | NA | NA | NA | 325.32 | 7.34 | 317.98 | 1.8 |
| S-8 | 06/17/2002 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 325.32 | 7.45 | 317.87 | 1.8 |
| S-8 | 05/30/2003 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | 14 | NA | NA | NA | NA | 325.03 | 7.39 | 317.64 | 3.0 |
| S-8 | 05/03/2004 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | NA | NA | NA | NA | 325.03 | 7.00 | 318.03 | 1.0 |
| S-8 | 01/14/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | NA | NA | NA | NA | 325.03 | 8.65 | 316.39 | NA |
| S-8 | 05/05/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | NA | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 | 325.03 | 6.73 | 318.30 | NA |
| S-8 | 08/05/2005 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | <2.0 | <2.0 | <2.0 | <5.0 | 325.03 | 6.93 | 318.10 | NA |
| S-8 | 11/08/2005 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <10.0 | 325.03 | 6.95 | 318.08 | NA |
| S-8 | 01/31/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <10.0 | 325.03 | 6.91 | 318.12 | NA |
| S-8 | 05/16/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <10.0 | 325.03 | 7.02 | 318.01 | NA |
| S-8 | 08/23/2006 | <50.0 | NA | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | <0.500 | <10.0 | 325.03 | 6.98 | 318.05 | NA |
| **S-8** | **11/13/2006** | **<50** | **NA** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **NA** | **<0.50** | **<0.50** | **<0.50** | **<0.50** | **<20** | **325.03** | **7.09** | **317.94** | **NA** |
| **S-9** | **11/22/2006** | **NA** | **NA** | **NA** | **NA** | **NA** | **NA** | **NA** | **NA** | **NA** | **NA** | **NA** | **NA** | **325.89** | **7.61** | **318.28** | **NA** |
| **S-9** | **11/27/2006** | **<50** | **NA** | **<0.50** | **<0.50** | **<0.50** | **<1.0** | **NA** | **<0.50** | **<2.0** | **<2.0** | **<2.0** | **<5.0** | **325.89** | **7.77** | **318.12** | **NA** |

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 30, 2001 analyzed by EPA Method 8015.
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isoproyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
TOB = Top of Wellbox Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
DO = Dissolved Oxygen
ug/L = Parts per billion
ppm = Parts per million
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample

# WELL CONCENTRATIONS
## Shell-branded Service Station
## 5251 Hopyard Road
## Pleasanton, CA

| Well ID | Date | TPPH (ug/L) | TEPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Notes:

a = Compounds detected as TEPH appear to be the less volatile constituents of gasoline.

b = The concentration reported as TEPH primarily due to the presence of a heavier petroleum product.

c = The concentration reported as TEPH due to the presence of a lighter petroleum product.

d = Concentrations reported as diesel includes a heavier petroleum product.

e = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard gasoline pattern.

f = There was insufficient preservative to reduce the sample pH to less than 2.

g = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard diesel pattern.

h = The chromatographic pattern of the purgeable hydrocarbons found in the sample is similar to the pattern of weathered gasoline.

i = DO reading not taken.

j = The results may be biased slightly high.

k = The hydrocarbon reported in the gasoline range does not match the laboratory standard.

l = Extracted out of holding time.

m = Analyte was detected in the associated Method Blank.

Site surveyed April 16, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Beginning May 30, 2003, depth to water referenced to Top of Casing elevation.

Wells S-2, S-3 and S-9 were surveyed on November 22, 2006 by Mid Coast Engineers.

TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.testamericainc.com

29 December, 2006

Michael Ninokata
Blaine Tech Services - San Jose [Shell]
1680 Rogers Avenue
San Jose, CA 95112

RE: 5251 Hopyard Rd., Pleasanton
Work Order: MPK0413

Enclosed are the results of analyses for samples received by the laboratory on 11/13/06 18:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Leticia Reyes
Project Manager

**Amended Report**

CA ELAP Certificate # 1210

TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.testamericainc.com

**Amended Report**

| | | |
|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| S-1 | MPK0413-01 | Water | 11/13/06 14:15 | 11/13/06 18:00 |
| S-2 | MPK0413-02 | Water | 11/13/06 12:30 | 11/13/06 18:00 |
| S-3 | MPK0413-03 | Water | 11/13/06 12:40 | 11/13/06 18:00 |
| S-4 | MPK0413-04 | Water | 11/13/06 12:45 | 11/13/06 18:00 |
| S-5 | MPK0413-05 | Water | 11/13/06 12:10 | 11/13/06 18:00 |
| S-6 | MPK0413-06 | Water | 11/13/06 13:35 | 11/13/06 18:00 |
| S-7 | MPK0413-07 | Water | 11/13/06 13:30 | 11/13/06 18:00 |
| S-8 | MPK0413-08 | Water | 11/13/06 14:05 | 11/13/06 18:00 |

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**Amended Report**

| | | |
|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **S-1 (MPK0413-01) Water Sampled: 11/13/06 14:15 Received: 11/13/06 18:00** | | | | | | | | | |
| **Gasoline Range Organics (C4-C12)** | **7900** | 500 | ug/l | 10 | 6K20003 | 11/20/06 | 11/20/06 | LUFT GCMS | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *96 %* | *60-145* | | " | " | " | " | |
| **S-2 (MPK0413-02) Water Sampled: 11/13/06 12:30 Received: 11/13/06 18:00** | | | | | | | | | |
| **Gasoline Range Organics (C4-C12)** | **320** | 50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/18/06 | LUFT GCMS | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98 %* | *60-145* | | " | " | " | " | |
| **S-3 (MPK0413-03) Water Sampled: 11/13/06 12:40 Received: 11/13/06 18:00** | | | | | | | | | |
| **Gasoline Range Organics (C4-C12)** | **530** | 50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/18/06 | LUFT GCMS | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *96 %* | *60-145* | | " | " | " | " | |
| **S-4 (MPK0413-04) Water Sampled: 11/13/06 12:45 Received: 11/13/06 18:00** | | | | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/17/06 | LUFT GCMS | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *60-145* | | " | " | " | " | |
| **S-5 (MPK0413-05) Water Sampled: 11/13/06 12:10 Received: 11/13/06 18:00** | | | | | | | | | |
| **Gasoline Range Organics (C4-C12)** | **420** | 50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/18/06 | LUFT GCMS | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *95 %* | *60-145* | | " | " | " | " | |
| **S-6 (MPK0413-06) Water Sampled: 11/13/06 13:35 Received: 11/13/06 18:00** | | | | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/18/06 | LUFT GCMS | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97 %* | *60-145* | | " | " | " | " | |
| **S-7 (MPK0413-07) Water Sampled: 11/13/06 13:30 Received: 11/13/06 18:00** | | | | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/18/06 | LUFT GCMS | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *96 %* | *60-145* | | " | " | " | " | |

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|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **S-8 (MPK0413-08) Water Sampled: 11/13/06 14:05 Received: 11/13/06 18:00** | | | | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/18/06 | LUFT GCMS | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *100 %* | *60-145* | | *"* | *"* | *"* | *"* | |

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|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **S-1 (MPK0413-01) Water Sampled: 11/13/06 14:15 Received: 11/13/06 18:00** | | | | | | | | | |
| **Benzene** | **38** | 5.0 | ug/l | 10 | 6K20003 | 11/20/06 | 11/20/06 | EPA 8260B | |
| **Toluene** | **41** | 5.0 | " | " | " | " | " | " | |
| **Ethylbenzene** | **480** | 5.0 | " | " | " | " | " | " | |
| **Xylenes (total)** | **52** | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **44** | 5.0 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 5.0 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Amyl methyl ether | ND | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **480** | 200 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *98 %* | *75-130* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *96 %* | *60-145* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *108 %* | *60-120* | | " | " | " | " | |
| **S-2 (MPK0413-02) Water Sampled: 11/13/06 12:30 Received: 11/13/06 18:00** | | | | | | | | | **PH1** |
| Benzene | ND | 5.0 | ug/l | 10 | 6K20027 | 11/20/06 | 11/20/06 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **140** | 5.0 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 5.0 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Amyl methyl ether | ND | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **6000** | 200 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *97 %* | *75-130* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *96 %* | *60-145* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *93 %* | *70-130* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *85 %* | *60-120* | | " | " | " | " | |

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| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **S-3 (MPK0413-03) Water Sampled: 11/13/06 12:40 Received: 11/13/06 18:00** | | | | | | | | | **PH1** |
| **Benzene** | **130** | 2.0 | ug/l | 4 | 6K20027 | 11/20/06 | 11/20/06 | EPA 8260B | |
| **Toluene** | **3.4** | 2.0 | " | " | " | " | " | " | |
| **Ethylbenzene** | **10** | 2.0 | " | " | " | " | " | " | |
| **Xylenes (total)** | **4.6** | 2.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **17** | 2.0 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 2.0 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 2.0 | " | " | " | " | " | " | |
| tert-Amyl methyl ether | ND | 2.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 80 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *96 %* | | *75-130* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98 %* | | *60-145* | | " | " | " | |
| *Surrogate: Toluene-d8* | | *98 %* | | *70-130* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *94 %* | | *60-120* | | " | " | " | |
| **S-4 (MPK0413-04) Water Sampled: 11/13/06 12:45 Received: 11/13/06 18:00** | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/17/06 | EPA 8260B | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| tert-Amyl methyl ether | ND | 0.50 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *100 %* | | *75-130* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | | *60-145* | | " | " | " | |
| *Surrogate: Toluene-d8* | | *97 %* | | *70-130* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *90 %* | | *60-120* | | " | " | " | |

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| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **S-4 (MPK0413-04RE1) Water Sampled: 11/13/06 12:45 Received: 11/13/06 18:00** | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | 1 | 6K20027 | 11/20/06 | 11/20/06 | EPA 8260B | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| tert-Amyl methyl ether | ND | 0.50 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *104 %* | | *75-130* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *106 %* | | *60-145* | | " | " | " | |
| *Surrogate: Toluene-d8* | | *96 %* | | *70-130* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *84 %* | | *60-120* | | " | " | " | |
| **S-5 (MPK0413-05) Water Sampled: 11/13/06 12:10 Received: 11/13/06 18:00** | | | | | | | | | |
| **Benzene** | **19** | 0.50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/18/06 | EPA 8260B | |
| **Toluene** | **1.7** | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| **Xylenes (total)** | **1.7** | 0.50 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **19** | 0.50 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| tert-Amyl methyl ether | ND | 0.50 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **80** | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *95 %* | | *75-130* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *95 %* | | *60-145* | | " | " | " | |
| *Surrogate: Toluene-d8* | | *102 %* | | *70-130* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *97 %* | | *60-120* | | " | " | " | |

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**Amended Report**

| | | |
|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **S-6 (MPK0413-06) Water Sampled: 11/13/06 13:35 Received: 11/13/06 18:00** | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/18/06 | EPA 8260B | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| tert-Amyl methyl ether | ND | 0.50 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *97 %* | | *75-130* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97 %* | | *60-145* | | " | " | " | |
| *Surrogate: Toluene-d8* | | *99 %* | | *70-130* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *94 %* | | *60-120* | | " | " | " | |
| **S-7 (MPK0413-07) Water Sampled: 11/13/06 13:30 Received: 11/13/06 18:00** | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/18/06 | EPA 8260B | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **27** | 0.50 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| **tert-Amyl methyl ether** | **1.6** | 0.50 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *92 %* | | *75-130* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *96 %* | | *60-145* | | " | " | " | |
| *Surrogate: Toluene-d8* | | *98 %* | | *70-130* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *91 %* | | *60-120* | | " | " | " | |

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**Amended Report**

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|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **S-8 (MPK0413-08) Water Sampled: 11/13/06 14:05 Received: 11/13/06 18:00** | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | 1 | 6K17020 | 11/17/06 | 11/18/06 | EPA 8260B | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 0.50 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 0.50 | " | " | " | " | " | " | |
| tert-Amyl methyl ether | ND | 0.50 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *98 %* | | *75-130* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *100 %* | | *60-145* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *98 %* | | *70-130* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *93 %* | | *60-120* | " | " | " | " | |

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**Amended Report**

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|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

# Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control
## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6K17020 - EPA 5030B P/T / LUFT GCMS** | | | | | | | | | | |
| **Blank (6K17020-BLK1)** | | | | Prepared & Analyzed: 11/17/06 | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 50 | ug/l | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.43* | | *"* | *2.50* | | *97* | *60-145* | | | |
| **Laboratory Control Sample (6K17020-BS2)** | | | | Prepared & Analyzed: 11/17/06 | | | | | | |
| Gasoline Range Organics (C4-C12) | 462 | 50 | ug/l | 440 | | 105 | 75-140 | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.48* | | *"* | *2.50* | | *99* | *60-145* | | | |
| **Laboratory Control Sample Dup (6K17020-BSD2)** | | | | Prepared & Analyzed: 11/17/06 | | | | | | |
| Gasoline Range Organics (C4-C12) | 482 | 50 | ug/l | 440 | | 110 | 75-140 | 4 | 20 | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.58* | | *"* | *2.50* | | *103* | *60-145* | | | |
| **Batch 6K20003 - EPA 5030B P/T / LUFT GCMS** | | | | | | | | | | |
| **Blank (6K20003-BLK1)** | | | | Prepared & Analyzed: 11/20/06 | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 50 | ug/l | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.50* | | *"* | *2.50* | | *100* | *60-145* | | | |
| **Laboratory Control Sample (6K20003-BS2)** | | | | Prepared & Analyzed: 11/20/06 | | | | | | |
| Gasoline Range Organics (C4-C12) | 471 | 50 | ug/l | 440 | | 107 | 75-140 | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.56* | | *"* | *2.50* | | *102* | *60-145* | | | |
| **Laboratory Control Sample Dup (6K20003-BSD2)** | | | | Prepared & Analyzed: 11/20/06 | | | | | | |
| Gasoline Range Organics (C4-C12) | 449 | 50 | ug/l | 440 | | 102 | 75-140 | 5 | 20 | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.59* | | *"* | *2.50* | | *104* | *60-145* | | | |

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**Amended Report**

| | | |
|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

# Volatile Organic Compounds by EPA Method 8260B - Quality Control
## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6K17020 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Blank (6K17020-BLK1)** | | | | Prepared & Analyzed: 11/17/06 | | | | | | |
| Benzene | ND | 0.50 | ug/l | | | | | | | |
| Toluene | ND | 0.50 | " | | | | | | | |
| Ethylbenzene | ND | 0.50 | " | | | | | | | |
| Xylenes (total) | ND | 0.50 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 0.50 | " | | | | | | | |
| Di-isopropyl ether | ND | 0.50 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 0.50 | " | | | | | | | |
| tert-Amyl methyl ether | ND | 0.50 | " | | | | | | | |
| tert-Butyl alcohol | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 0.50 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | " | | | | | | | |
| Ethanol | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *2.37* | | *"* | *2.50* | | *95* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.43* | | *"* | *2.50* | | *97* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.46* | | *"* | *2.50* | | *98* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.38* | | *"* | *2.50* | | *95* | *60-120* | | | |
| **Laboratory Control Sample (6K17020-BS1)** | | | | Prepared & Analyzed: 11/17/06 | | | | | | |
| Benzene | 11.0 | 0.50 | ug/l | 10.0 | | 110 | 70-125 | | | |
| Toluene | 10.9 | 0.50 | " | 10.0 | | 109 | 70-120 | | | |
| Ethylbenzene | 10.9 | 0.50 | " | 10.0 | | 109 | 70-130 | | | |
| Xylenes (total) | 34.6 | 0.50 | " | 30.0 | | 115 | 80-125 | | | |
| Methyl tert-butyl ether | 11.0 | 0.50 | " | 10.0 | | 110 | 50-140 | | | |
| Di-isopropyl ether | 11.1 | 0.50 | " | 10.0 | | 111 | 70-130 | | | |
| Ethyl tert-butyl ether | 11.1 | 0.50 | " | 10.0 | | 111 | 65-130 | | | |
| tert-Amyl methyl ether | 10.5 | 0.50 | " | 10.0 | | 105 | 65-135 | | | |
| tert-Butyl alcohol | 199 | 20 | " | 200 | | 100 | 60-135 | | | |
| 1,2-Dichloroethane | 10.7 | 0.50 | " | 10.0 | | 107 | 75-125 | | | |
| 1,2-Dibromoethane (EDB) | 10.8 | 0.50 | " | 10.0 | | 108 | 80-125 | | | |
| Ethanol | 199 | 100 | " | 200 | | 100 | 15-150 | | | |
| *Surrogate: Dibromofluoromethane* | *2.48* | | *"* | *2.50* | | *99* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.44* | | *"* | *2.50* | | *98* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.58* | | *"* | *2.50* | | *103* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.57* | | *"* | *2.50* | | *103* | *60-120* | | | |

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**Amended Report**

| | | |
|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

# Volatile Organic Compounds by EPA Method 8260B - Quality Control

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6K17020 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Matrix Spike (6K17020-MS1)** | **Source: MPK0413-04** | | | Prepared & Analyzed: 11/17/06 | | | | | | |
| Benzene | 11.4 | 0.50 | ug/l | 10.0 | ND | 114 | 70-125 | | | |
| Toluene | 11.3 | 0.50 | " | 10.0 | ND | 113 | 70-120 | | | |
| Ethylbenzene | 11.1 | 0.50 | " | 10.0 | ND | 111 | 70-130 | | | |
| Xylenes (total) | 35.2 | 0.50 | " | 30.0 | ND | 117 | 80-125 | | | |
| Methyl tert-butyl ether | 12.3 | 0.50 | " | 10.0 | 0.31 | 120 | 50-140 | | | |
| Di-isopropyl ether | 11.9 | 0.50 | " | 10.0 | ND | 119 | 70-130 | | | |
| Ethyl tert-butyl ether | 12.1 | 0.50 | " | 10.0 | ND | 121 | 65-130 | | | |
| tert-Amyl methyl ether | 11.6 | 0.50 | " | 10.0 | ND | 116 | 65-135 | | | |
| tert-Butyl alcohol | 206 | 20 | " | 200 | ND | 103 | 60-135 | | | |
| 1,2-Dichloroethane | 11.8 | 0.50 | " | 10.0 | ND | 118 | 75-125 | | | |
| 1,2-Dibromoethane (EDB) | 11.9 | 0.50 | " | 10.0 | ND | 119 | 80-125 | | | |
| Ethanol | 191 | 100 | " | 200 | ND | 96 | 15-150 | | | |
| *Surrogate: Dibromofluoromethane* | *2.56* | | *"* | *2.50* | | *102* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.45* | | *"* | *2.50* | | *98* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.50* | | *"* | *2.50* | | *100* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.53* | | *"* | *2.50* | | *101* | *60-120* | | | |
| **Matrix Spike Dup (6K17020-MSD1)** | **Source: MPK0413-04** | | | Prepared & Analyzed: 11/17/06 | | | | | | |
| Benzene | 12.0 | 0.50 | ug/l | 10.0 | ND | 120 | 70-125 | 5 | 15 | |
| Toluene | 11.9 | 0.50 | " | 10.0 | ND | 119 | 70-120 | 5 | 15 | |
| Ethylbenzene | 11.5 | 0.50 | " | 10.0 | ND | 115 | 70-130 | 4 | 15 | |
| Xylenes (total) | 36.3 | 0.50 | " | 30.0 | ND | 121 | 80-125 | 3 | 15 | |
| Methyl tert-butyl ether | 13.5 | 0.50 | " | 10.0 | 0.31 | 132 | 50-140 | 9 | 25 | |
| Di-isopropyl ether | 12.6 | 0.50 | " | 10.0 | ND | 126 | 70-130 | 6 | 35 | |
| Ethyl tert-butyl ether | 12.9 | 0.50 | " | 10.0 | ND | 129 | 65-130 | 6 | 35 | |
| tert-Amyl methyl ether | 12.7 | 0.50 | " | 10.0 | ND | 127 | 65-135 | 9 | 25 | |
| tert-Butyl alcohol | 216 | 20 | " | 200 | ND | 108 | 60-135 | 5 | 35 | |
| 1,2-Dichloroethane | 12.7 | 0.50 | " | 10.0 | ND | 127 | 75-125 | 7 | 10 | QM01 |
| 1,2-Dibromoethane (EDB) | 12.7 | 0.50 | " | 10.0 | ND | 127 | 80-125 | 7 | 15 | QM01 |
| Ethanol | 229 | 100 | " | 200 | ND | 114 | 15-150 | 18 | 35 | |
| *Surrogate: Dibromofluoromethane* | *2.66* | | *"* | *2.50* | | *106* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.63* | | *"* | *2.50* | | *105* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.54* | | *"* | *2.50* | | *102* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.56* | | *"* | *2.50* | | *102* | *60-120* | | | |

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**Amended Report**

| | | |
|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

# Volatile Organic Compounds by EPA Method 8260B - Quality Control
## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6K20003 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Blank (6K20003-BLK1)** | | | | Prepared & Analyzed: 11/20/06 | | | | | | |
| Benzene | ND | 0.50 | ug/l | | | | | | | |
| Toluene | ND | 0.50 | " | | | | | | | |
| Ethylbenzene | ND | 0.50 | " | | | | | | | |
| Xylenes (total) | ND | 0.50 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 0.50 | " | | | | | | | |
| Di-isopropyl ether | ND | 0.50 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 0.50 | " | | | | | | | |
| tert-Amyl methyl ether | ND | 0.50 | " | | | | | | | |
| tert-Butyl alcohol | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 0.50 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | " | | | | | | | |
| Ethanol | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *2.44* | | *"* | *2.50* | | *98* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.50* | | *"* | *2.50* | | *100* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.37* | | *"* | *2.50* | | *95* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.21* | | *"* | *2.50* | | *88* | *60-120* | | | |
| **Laboratory Control Sample (6K20003-BS1)** | | | | Prepared & Analyzed: 11/20/06 | | | | | | |
| Benzene | 10.1 | 0.50 | ug/l | 10.0 | | 101 | 70-125 | | | |
| Toluene | 10.2 | 0.50 | " | 10.0 | | 102 | 70-120 | | | |
| Ethylbenzene | 10.5 | 0.50 | " | 10.0 | | 105 | 70-130 | | | |
| Xylenes (total) | 32.8 | 0.50 | " | 30.0 | | 109 | 80-125 | | | |
| Methyl tert-butyl ether | 10.3 | 0.50 | " | 10.0 | | 103 | 50-140 | | | |
| Di-isopropyl ether | 9.97 | 0.50 | " | 10.0 | | 100 | 70-130 | | | |
| Ethyl tert-butyl ether | 9.95 | 0.50 | " | 10.0 | | 100 | 65-130 | | | |
| tert-Amyl methyl ether | 9.55 | 0.50 | " | 10.0 | | 96 | 65-135 | | | |
| tert-Butyl alcohol | 192 | 20 | " | 200 | | 96 | 60-135 | | | |
| 1,2-Dichloroethane | 9.99 | 0.50 | " | 10.0 | | 100 | 75-125 | | | |
| 1,2-Dibromoethane (EDB) | 10.6 | 0.50 | " | 10.0 | | 106 | 80-125 | | | |
| Ethanol | 205 | 100 | " | 200 | | 102 | 15-150 | | | |
| *Surrogate: Dibromofluoromethane* | *2.49* | | *"* | *2.50* | | *100* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.54* | | *"* | *2.50* | | *102* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.57* | | *"* | *2.50* | | *103* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.60* | | *"* | *2.50* | | *104* | *60-120* | | | |

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**Amended Report**

| | | |
|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

# Volatile Organic Compounds by EPA Method 8260B - Quality Control

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6K20003 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Matrix Spike (6K20003-MS1)** | **Source: MPK0381-04** | | | Prepared & Analyzed: 11/20/06 | | | | | | |
| Benzene | 92.6 | 2.0 | ug/l | 40.0 | 44 | 122 | 70-125 | | | |
| Toluene | 71.4 | 2.0 | " | 40.0 | 24 | 118 | 70-120 | | | |
| Ethylbenzene | 90.6 | 2.0 | " | 40.0 | 43 | 119 | 70-130 | | | |
| Xylenes (total) | 265 | 2.0 | " | 120 | 110 | 129 | 80-125 | | | QM01 |
| Methyl tert-butyl ether | 53.3 | 2.0 | " | 40.0 | 4.4 | 122 | 50-140 | | | |
| Di-isopropyl ether | 48.8 | 2.0 | " | 40.0 | ND | 122 | 70-130 | | | |
| Ethyl tert-butyl ether | 48.6 | 2.0 | " | 40.0 | ND | 122 | 65-130 | | | |
| tert-Amyl methyl ether | 48.4 | 2.0 | " | 40.0 | ND | 121 | 65-135 | | | |
| tert-Butyl alcohol | 888 | 80 | " | 800 | ND | 111 | 60-135 | | | |
| 1,2-Dichloroethane | 47.2 | 2.0 | " | 40.0 | ND | 118 | 75-125 | | | |
| 1,2-Dibromoethane (EDB) | 48.0 | 2.0 | " | 40.0 | ND | 120 | 80-125 | | | |
| Ethanol | 871 | 400 | " | 800 | ND | 109 | 15-150 | | | |
| *Surrogate: Dibromofluoromethane* | *2.54* | | *"* | *2.50* | | *102* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.45* | | *"* | *2.50* | | *98* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.57* | | *"* | *2.50* | | *103* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.56* | | *"* | *2.50* | | *102* | *60-120* | | | |
| **Matrix Spike Dup (6K20003-MSD1)** | **Source: MPK0381-04** | | | Prepared & Analyzed: 11/20/06 | | | | | | |
| Benzene | 85.8 | 2.0 | ug/l | 40.0 | 44 | 104 | 70-125 | 8 | 15 | |
| Toluene | 66.6 | 2.0 | " | 40.0 | 24 | 106 | 70-120 | 7 | 15 | |
| Ethylbenzene | 84.1 | 2.0 | " | 40.0 | 43 | 103 | 70-130 | 7 | 15 | |
| Xylenes (total) | 244 | 2.0 | " | 120 | 110 | 112 | 80-125 | 8 | 15 | |
| Methyl tert-butyl ether | 50.6 | 2.0 | " | 40.0 | 4.4 | 116 | 50-140 | 5 | 25 | |
| Di-isopropyl ether | 45.7 | 2.0 | " | 40.0 | ND | 114 | 70-130 | 7 | 35 | |
| Ethyl tert-butyl ether | 45.9 | 2.0 | " | 40.0 | ND | 115 | 65-130 | 6 | 35 | |
| tert-Amyl methyl ether | 45.0 | 2.0 | " | 40.0 | ND | 112 | 65-135 | 7 | 25 | |
| tert-Butyl alcohol | 762 | 80 | " | 800 | ND | 95 | 60-135 | 15 | 35 | |
| 1,2-Dichloroethane | 42.6 | 2.0 | " | 40.0 | ND | 106 | 75-125 | 10 | 10 | |
| 1,2-Dibromoethane (EDB) | 45.4 | 2.0 | " | 40.0 | ND | 114 | 80-125 | 6 | 15 | |
| Ethanol | 862 | 400 | " | 800 | ND | 108 | 15-150 | 1 | 35 | |
| *Surrogate: Dibromofluoromethane* | *2.55* | | *"* | *2.50* | | *102* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.56* | | *"* | *2.50* | | *102* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.56* | | *"* | *2.50* | | *102* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.58* | | *"* | *2.50* | | *103* | *60-120* | | | |

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**Amended Report**

| | | |
|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

# Volatile Organic Compounds by EPA Method 8260B - Quality Control
## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6K20027 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Blank (6K20027-BLK1)** | | | | Prepared & Analyzed: 11/20/06 | | | | | | |
| Benzene | ND | 0.50 | ug/l | | | | | | | |
| Toluene | ND | 0.50 | " | | | | | | | |
| Ethylbenzene | ND | 0.50 | " | | | | | | | |
| Xylenes (total) | ND | 0.50 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 0.50 | " | | | | | | | |
| Di-isopropyl ether | ND | 0.50 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 0.50 | " | | | | | | | |
| tert-Amyl methyl ether | ND | 0.50 | " | | | | | | | |
| tert-Butyl alcohol | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 0.50 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | " | | | | | | | |
| Ethanol | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *2.45* | | *"* | *2.50* | | *98* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.58* | | *"* | *2.50* | | *103* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.39* | | *"* | *2.50* | | *96* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.25* | | *"* | *2.50* | | *90* | *60-120* | | | |
| **Laboratory Control Sample (6K20027-BS1)** | | | | Prepared & Analyzed: 11/20/06 | | | | | | |
| Benzene | 10.5 | 0.50 | ug/l | 10.0 | | 105 | 70-125 | | | |
| Toluene | 10.5 | 0.50 | " | 10.0 | | 105 | 70-120 | | | |
| Ethylbenzene | 10.7 | 0.50 | " | 10.0 | | 107 | 70-130 | | | |
| Xylenes (total) | 33.8 | 0.50 | " | 30.0 | | 113 | 80-125 | | | |
| Methyl tert-butyl ether | 11.4 | 0.50 | " | 10.0 | | 114 | 50-140 | | | |
| Di-isopropyl ether | 11.0 | 0.50 | " | 10.0 | | 110 | 70-130 | | | |
| Ethyl tert-butyl ether | 11.2 | 0.50 | " | 10.0 | | 112 | 65-130 | | | |
| tert-Amyl methyl ether | 11.0 | 0.50 | " | 10.0 | | 110 | 65-135 | | | |
| tert-Butyl alcohol | 197 | 20 | " | 200 | | 98 | 60-135 | | | |
| 1,2-Dichloroethane | 10.9 | 0.50 | " | 10.0 | | 109 | 75-125 | | | |
| 1,2-Dibromoethane (EDB) | 11.1 | 0.50 | " | 10.0 | | 111 | 80-125 | | | |
| Ethanol | 199 | 100 | " | 200 | | 100 | 15-150 | | | |
| *Surrogate: Dibromofluoromethane* | *2.64* | | *"* | *2.50* | | *106* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.60* | | *"* | *2.50* | | *104* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.57* | | *"* | *2.50* | | *103* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.63* | | *"* | *2.50* | | *105* | *60-120* | | | |

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**Amended Report**

| | | |
|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

# Volatile Organic Compounds by EPA Method 8260B - Quality Control

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6K20027 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Matrix Spike (6K20027-MS1)** | **Source: MPK0615-01** | | | Prepared: 11/20/06 | | Analyzed: 11/21/06 | | | | |
| Benzene | 16.5 | 0.50 | ug/l | 10.0 | 5.8 | 107 | 70-125 | | | |
| Toluene | 10.7 | 0.50 | " | 10.0 | 0.25 | 104 | 70-120 | | | |
| Ethylbenzene | 12.1 | 0.50 | " | 10.0 | 1.5 | 106 | 70-130 | | | |
| Xylenes (total) | 34.0 | 0.50 | " | 30.0 | 0.55 | 112 | 80-125 | | | |
| Methyl tert-butyl ether | 11.9 | 0.50 | " | 10.0 | 0.86 | 110 | 50-140 | | | |
| Di-isopropyl ether | 11.2 | 0.50 | " | 10.0 | ND | 112 | 70-130 | | | |
| Ethyl tert-butyl ether | 11.1 | 0.50 | " | 10.0 | ND | 111 | 65-130 | | | |
| tert-Amyl methyl ether | 10.8 | 0.50 | " | 10.0 | ND | 108 | 65-135 | | | |
| tert-Butyl alcohol | 195 | 20 | " | 200 | ND | 98 | 60-135 | | | |
| 1,2-Dichloroethane | 10.3 | 0.50 | " | 10.0 | ND | 103 | 75-125 | | | |
| 1,2-Dibromoethane (EDB) | 11.1 | 0.50 | " | 10.0 | ND | 111 | 80-125 | | | |
| Ethanol | 203 | 100 | " | 200 | ND | 102 | 15-150 | | | |
| *Surrogate: Dibromofluoromethane* | *2.55* | | *"* | *2.50* | | *102* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.44* | | *"* | *2.50* | | *98* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.58* | | *"* | *2.50* | | *103* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.59* | | *"* | *2.50* | | *104* | *60-120* | | | |
| **Matrix Spike Dup (6K20027-MSD1)** | **Source: MPK0615-01** | | | Prepared: 11/20/06 | | Analyzed: 11/21/06 | | | | |
| Benzene | 15.7 | 0.50 | ug/l | 10.0 | 5.8 | 99 | 70-125 | 5 | 15 | |
| Toluene | 10.0 | 0.50 | " | 10.0 | 0.25 | 98 | 70-120 | 7 | 15 | |
| Ethylbenzene | 11.3 | 0.50 | " | 10.0 | 1.5 | 98 | 70-130 | 7 | 15 | |
| Xylenes (total) | 31.1 | 0.50 | " | 30.0 | 0.55 | 102 | 80-125 | 9 | 15 | |
| Methyl tert-butyl ether | 11.3 | 0.50 | " | 10.0 | 0.86 | 104 | 50-140 | 5 | 25 | |
| Di-isopropyl ether | 10.7 | 0.50 | " | 10.0 | ND | 107 | 70-130 | 5 | 35 | |
| Ethyl tert-butyl ether | 10.5 | 0.50 | " | 10.0 | ND | 105 | 65-130 | 6 | 35 | |
| tert-Amyl methyl ether | 10.0 | 0.50 | " | 10.0 | ND | 100 | 65-135 | 8 | 25 | |
| tert-Butyl alcohol | 183 | 20 | " | 200 | ND | 92 | 60-135 | 6 | 35 | |
| 1,2-Dichloroethane | 9.59 | 0.50 | " | 10.0 | ND | 96 | 75-125 | 7 | 10 | |
| 1,2-Dibromoethane (EDB) | 9.90 | 0.50 | " | 10.0 | ND | 99 | 80-125 | 11 | 15 | |
| Ethanol | 192 | 100 | " | 200 | ND | 96 | 15-150 | 6 | 35 | |
| *Surrogate: Dibromofluoromethane* | *2.55* | | *"* | *2.50* | | *102* | *75-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.53* | | *"* | *2.50* | | *101* | *60-145* | | | |
| *Surrogate: Toluene-d8* | *2.60* | | *"* | *2.50* | | *104* | *70-130* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.53* | | *"* | *2.50* | | *101* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.testamericainc.com

**Amended Report**

| | | |
|---|---|---|
| Blaine Tech Services - San Jose [Shell] | Project: 5251 Hopyard Rd., Pleasanton | MPK0413 |
| 1680 Rogers Avenue | Project Number: 061113-BP1 | **Reported:** |
| San Jose CA, 95112 | Project Manager: Michael Ninokata | 12/29/06 11:09 |

**Notes and Definitions**

| | |
|---|---|
| QM01 | The spike recovery was above control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| PH1 | There was insufficient preservative to reduce the sample pH to less than 2. |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |

# SHELL Chain Of Custody Record

LAB:
- ☐ TA - Irvine, California
- ☒ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other_____

NAME OF PERSON TO BILL: Denis Brown
- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ BILL CONSULTANT
- ☐ COMPLIANCE
- ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 8 4 3

PO #:

SAP or CRMT #:

DATE: 11-13-06

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

SITE ADDRESS: Street and City: 5251 Hopyard Rd., Pleasanton

State: CA

GLOBAL ID NO.: T0600101267

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

EDF DELIVERABLE TO (Name, Company, Office Location): Lena Martinez, Delta, San Jose Office

PHONE NO.: (408) 826-1861

E-MAIL: lmartinez@deltaenv.com

CONSULTANT PROJECT NO.: 061113-B1

BTS #

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

TELEPHONE: 408-573-0555

FAX: 408-573-7771

E-MAIL: mninokata@blainetech.com

SAMPLER NAME(S) (Print): B Brown

LAB USE ONLY: MPK0413

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):
☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:
- ☐ EDD NOT NEEDED
- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMB RATE APPLIES
- ☑ RECEIPT VERIFICATION REQUESTED

CC Lee Dooley ldooley@deltaenv.com and Heather Buckingham hbuckingham@deltaenv.com when sending final report.

REQUESTED ANALYSIS

| LAB USE ONLY | Field Sample Identification | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH - Gas, Purgeable (8260B) | TPH - Diesel, Extractable (8015M) | BTEX (8260B) | 5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE) | MTBE (8260B) | TBA (8260B) | DIPE (8260B) | TAME (8260B) | ETBE (8260B) | 1,2 DCA (8260B) | EDB (8260B) | Ethanol (8260B) | Methanol (8015M) | FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| #1 | S-1 | 11-13 | 1405 | W | 3 | X | | X | X | | | | | | | | | | TEMPERATURE ON RECEIPT C° 3.1C |
| #2 | S-2 | | 1230 | | | X | | X | X | | | | | | | | | | |
| #3 | S-3 | | 1240 | | | X | | X | X | | | | | | | | | | |
| #4 | S-4 | | 1245 | | | X | | X | X | | | | | | | | | | |
| #5 | S-5 | | 1210 | | | X | | X | X | | | | | | | | | | |
| #6 | S-6 | | 1335 | | | X | | X | X | | | | | | | | | | |
| #7 | S-7 | | 1330 | | | X | | X | X | | | | | | | | | | |
| #8 | S-8 | ↓ | 1405 | ↓ | ↓ | X | | X | X | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature) | Date: 11/13/06 | Time: 1620 |
| Relinquished by: (Signature) | Received by: (Signature) | Date: 11/13/06 | Time: 17:10 |
| Relinquished by: (Signature) | Received by: (Signature) | Date: 11/13/06 | Time: 18:00 |

05/02/06 Revision

Q&Q Graphic (714) 898-9702

CLIENT NAME: SHELL
REC. BY (PRINT) EH
WORKORDER: 4PR6413

DATE REC'D AT LAB: 11/13/06
TIME REC'D AT LAB: 18
DATE LOGGED IN: 11-14-06

For Regulatory Purposes?
DRINKING WATER YES / (NO)
WASTE WATER YES / (NO)

| CIRCLE THE APPROPRIATE RESPONSE | | LAB SAMPLE # | CLIENT ID | CONTAINER DESCRIPTION | PRESERVATIVE | pH | SAMPLE MATRIX | DATE SAMPLED | REMARKS: CONDITION (ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 1. Custody Seal(s) | Present / (Absent) | | | | | | | | |
| | Intact / Broken* | | | | | | | | |
| 2. Chain-of-Custody | (Present) / Absent* | | | | | | | | |
| 3. Traffic Reports or Packing List: | Present / Absent | | | | | | | | |
| 4. Airbill: | Airbill / Sticker Present / Absent | | | | | | | | |
| 5. Airbill #: | | | | | | | | | |
| 6. Sample Labels: | (Present) / Absent | | | | | | | | |
| 7. Sample IDs: | Listed / Not Listed on Chain-of-Custody | | | | | | | | |
| 8. Sample Condition: | (Intact) / Broken* / Leaking* | | | | | | | | |
| 9. Does information on chain-of-custody, traffic reports and sample labels agree? | (Yes) / No* | | | | | | | | |
| 10. Sample received within hold time? | (Yes) / No* | | | | | | | | |
| 11. Adequate sample volume received? | (Yes) / No* | | | | | | | | |
| 12. Proper preservatives used? | (Yes) / No* | | | | | | | | |
| 13. Trip Blank / Temp Blank Received? (circle which, if yes) | Yes / (No)* | | | | | | | | |
| 14. Read Temp: | 2.1 °C | | | | | | | | |
| Corrected Temp: | 3.1 °C | | | | | | | | |
| Is corrected temp 4 +/-2°C? | (Yes) / No** | | | | | | | | |

(Acceptance range for samples requiring thermal pres.)
**Exception (if any): METALS / DFF ON ICE or Problem COC

SEE COC

11/13/06 EH

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

# FILE CHECKLIST

Job number(s) 061113-BP1 [redacted] 061122-JD1 061127-DW1 061127-DW1a Log in W 11/20

Input Invoice 11/21/06 [redacted] 12/8/6 FD Scanned/Emailed

Site Address Card pulled

1 QUARTER 2006 12/8 Return to Doc for 4Q06 report F.D. Filed

**NEW SURVEY / TOC INFO:**

Update TOC info for _____ Quarter report Survey info provided by _____

TOC change due to Maintenance _____ DATE _____

**LAB INFO:** **NO LAB REQUIRED** _____

Lab report filed 1 & 2 # of Labs 2 Partial in _____ All in _____

Lab corrections required _____ Lab corrections received _____

**COVER LETTER CHANGES:**

Update Consultant info / Change Contact to: _____

Change Engineer to: _____

**REPORT INFO:** **NO REPORT REQUIRED** _____

Report / Update table _____ Use revised table from consultant _____

Review _____ **Report Notes:**

Corrections needed _____ - 2 labs - Quarterly (11/13)

Corrected by _____ - 1W Sample (11/27) (1 well)

- Include Development data for S-9 (11/22) and 1 well Sample for S-9 w/ 4Q06 report.

^ See mike for Survey data @ S-9

**FINAL COPY / SUBMISSION** **NO SUBMISSION REQUIRED** _____

**SEND FD ONLY** _____

**Additional Wellhead Maintenance?** (YES) NO **Date(s) of Maintenance** 10/18 Through 11/6

Final review _____

Final copy _____

Report / Field Data Sent / emailed _____

Ready for filing _____

# Repair Data Sheet



Client Shell Date 10-18-06

Site Address 5251 Hopyard Rd., Pleasanton

Job Number 061018AA1 Technician Andrew Adinolfi

| Inspection Point (Well ID or description of location) | Well Inspected, Cleaned, Labeled - No Further Corrective Action Required | Replaced Cap | Replaced Lock | Replaced Lid Seal | Check Indicates deficiency: Casing | Annular Seal | Tabs / Bolts | Box Structure | Apron | Trip Hazard | Below Grade | Not Securable by Design (12" diameter or less) | Lid not marked with words "MONITORING WELL" | Other Deficiency | Not Securable by Design (greater than 12" diameter) | Well Not Inspected (explain in notes) | Deficiency Logged on Repair Order | Deficiency Remains Uncorrected/Logged on Site Inspection Checklist | Partial Repair Completed/Outstanding Deficiency Logged on Repair Order | All Repairs Completed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-3 | | | | | | | | | | | | | | | X | | | | | X |
| Notes: Replaced with 12" box | | | | | | | | | | | | | | | | | | | | |
| S-4 | | | | | | | | | | | | | | | X | | | | | X |
| Notes: Replaced with 12" box | | | | | | | | | | | | | | | | | | | | |
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| Notes: | | | | | | | | | | | | | | | | | | | | |
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| Notes: | | | | | | | | | | | | | | | | | | | | |
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| Notes: | | | | | | | | | | | | | | | | | | | | |

# Repair Data Sheet



Client Shell Date 10-19-06

Site Address 5251 Hopyard Rd, Pleasanton

Job Number 061018M1 Technician Andrew Adolfi

| Inspection Point (Well ID or description of location) | Well Inspected, Cleaned, Labeled - No Further Corrective Action Required | Replaced Cap | Replaced Lock | Replaced Lid Seal | Check Indicates deficiency: Casing | Annular Seal | Tabs / Bolts | Box Structure | Apron | Trip Hazard | Below Grade | Not Securable by Design (12" diameter or less) | Lid not marked with words "MONITORING WELL" | Other Deficiency | Not Securable by Design (greater than 12" diameter) | Well Not Inspected (explain in notes) | Deficiency Logged on Repair Order | Deficiency Remains Uncorrected/Logged on Site Inspection Checklist | Partial Repair Completed/Outstanding Deficiency Logged on Repair Order | All Repairs Completed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-2 | | | | | | | | | | | | X | | | | | | | | X |
| Notes: Replaced with 12" box | | | | | | | | | | | | | | | | | | | | |
| S-5 | | | | | | | | | | | | X | | | | | | | | X |
| Notes: Replaced with 12" box | | | | | | | | | | | | | | | | | | | | |
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| Notes: | | | | | | | | | | | | | | | | | | | | |
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| Notes: | | | | | | | | | | | | | | | | | | | | |

# Repair Data Sheet



Client Shell Date 11-1-06

Site Address 5251 Hopyard Rd., Pleasanton

Job Number 061101AA1 Technician Andrew Adnaff

| Inspection Point (Well ID or description of location) | Well Inspected, Cleaned, Labeled - No Further Corrective Action Required | Replaced Cap | Replaced Lock | Replaced Lid Seal | Check Indicates deficiency: Casing | Annular Seal | Tabs / Bolts | Box Structure | Apron | Trip Hazard | Below Grade | Not Securable by Design (12" diameter or less) | Lid not marked with words "MONITORING WELL" | Other Deficiency | Not Securable by Design (greater than 12" diameter) | Well Not Inspected (explain in notes) | Deficiency Logged on Repair Order | Deficiency Remains Uncorrected/Logged on Site Inspection Checklist | Partial Repair Completed/Outstanding Deficiency Logged on Repair Order | All Repairs Completed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-7 | | | | | | | | | | | | X | | | | | | | | X |
| Notes: Replaced with 12" box | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Notes: | | | | | | | | | | | | | | | | | | | | |
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| Notes: | | | | | | | | | | | | | | | | | | | | |
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| Notes: | | | | | | | | | | | | | | | | | | | | |
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| Notes: | | | | | | | | | | | | | | | | | | | | |

# Repair Data Sheet



Client Shell Date 11-2-06

Site Address 5251 Hopyard Rd., Pleasanton

Job Number 061102AA1 Technician Andrew Adinolfi

| Inspection Point (Well ID or description of location) | Well Inspected, Cleaned, Labeled - No Further Corrective Action Required | Replaced Cap | Replaced Lock | Replaced Lid Seal | Check Indicates deficiency: Casing | Annular Seal | Tabs / Bolts | Box Structure | Apron | Trip Hazard | Below Grade | Not Securable by Design (12" diameter or less) | Lid not marked with words "MONITORING WELL" | Other Deficiency | Not Securable by Design (greater than 12" diameter) | Well Not Inspected (explain in notes) | Deficiency Logged on Repair Order | Deficiency Remains Uncorrected/Logged on Site Inspection Checklist | Partial Repair Completed/Outstanding Deficiency Logged on Repair Order | All Repairs Completed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-1 | X | | | | | | | | | | | | | | | | | | | |
| | Notes: | | | | | | | | | | | | | | | | | | | |
| S-2 | X | | | | | | | | | | | | | | | | | | | |
| | Notes: | | | | | | | | | | | | | | | | | | | |
| S-3 | X | | | | | | | | | | | | | | | | | | | |
| | Notes: | | | | | | | | | | | | | | | | | | | |
| S-4 | X | | | | | | | | | | | | | | | | | | | |
| | Notes: | | | | | | | | | | | | | | | | | | | |
| S-5 | X | | | | | | | | | | | | | | | | | | | |
| | Notes: | | | | | | | | | | | | | | | | | | | |
| EW-1 | X | | | | | | | | | | | | | | | | | | | |
| | Notes: | | | | | | | | | | | | | | | | | | | |

# Repair Data Sheet



Job Number 061102AA1

| Inspection Point (Well ID or description of location) | Well Inspected, Cleaned, Labeled - No Further Corrective Action Required | Replaced Cap | Replaced Lock | Replaced Lid Seal | Check Indicates deficiency: Casing | Annular Seal | Tabs / Bolts | Box Structure | Apron | Trip Hazard | Below Grade | Not Securable by Design (12" diameter or less) | Lid not marked with words "MONITORING WELL" | Other Deficiency | Not Securable by Design (greater than 12" diameter) | Well Not Inspected (explain in notes) | Deficiency Logged on Repair Order | Deficiency Remains Uncorrected/Logged on Site Inspection Checklist | Partial Repair Completed/Outstanding Deficiency Logged on Repair Order | All Repairs Completed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-6 | | | | | | | | | | | | X | | | | | X | | | |
| Notes: Christy box in street | | | | | | | | | | | | | | | | | | | | |
| S-7 | X | | | | | | | | | | | | | | | | | | | |
| Notes: | | | | | | | | | | | | | | | | | | | | |
| S-8 | | | | | | | | | | | | X | | | | | | | | |
| Notes: Christy box in street | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Notes: | | | | | | | | | | | | | | | | | | | | |
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| Notes: | | | | | | | | | | | | | | | | | | | | |
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| Notes: | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Notes: | | | | | | | | | | | | | | | | | | | | |

# SITE INSPECTION CHECKLIST

Client Shell Date 11-2-06

Site Address 5251 Hopyard Rd., Pleasanton

Job Number 061102AA1 Technician Andrew Adinolfi

**Site Status** Shell Branded Station Vacant Lot Other

| | | |
|---|---|---|
| **Inspected / Labeled / Cleaned - All Wells on Scope Of Work** | ☒ | |
| **Inspected / Cleaned Components - All Other Identifiable Wells** | ☐ | N/A |
| **Inspected Site for Investigation Related Trip Hazards** | ☒ | |
| **Addressed All Outstanding Wellhead Repair Order(s)** | ☒ | N/A |
| **Completed Repair Data Sheet(s)** | ☒ | N/A |
| **Inspected Treatment / Remediation System Compound For Security, Cleanliness and Appearance** | ☐ | N/A |
| **Inspected Vacant Lot for Signs of Habitation, Hazardous Materials or Terrain, Overgrown Vegetation and Security** | ☐ | N/A |

PLEASE BE ADVISED THAT, UNLESS OTHERWISE INSTRUCTED, NO REPAIRS ARE PLANNED FOR THE ISSUES DESCRIBED BELOW

**Outstanding Problems / Comments** (In addition to other issues, note all SOW wellboxes that, by design, are not securable)

PROJECT COORDINATOR ONLY

**Checklist Reviewed** AJ 11/10 Initial/Date Notes

# Repair Data Sheet



Client Shell Date 11-6-06

Site Address 5251 Hopyard Rd., Pleasanton

Job Number 061106AA1 Technician Andrew Adinolfi

| Inspection Point (Well ID or description of location) | Well Inspected, Cleaned, Labeled - No Further Corrective Action Required | Replaced Cap | Replaced Lock | Replaced Lid Seal | Check Indicates deficiency: Casing | Annular Seal | Tabs / Bolts | Box Structure | Apron | Trip Hazard | Below Grade | Not Securable by Design (12" diameter or less) | Lid not marked with words "MONITORING WELL" | Other Deficiency | Not Securable by Design (greater than 12" diameter) | Well Not Inspected (explain in notes) | Deficiency Logged on Repair Order | Deficiency Remains Uncorrected/Logged on Site Inspection Checklist | Partial Repair Completed/Outstanding Deficiency Logged on Repair Order | All Repairs Completed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-6 | | | | | | | | | | | | X | | | | | | | | X |
| Notes: Replaced with 8" box | | | | | | | | | | | | | | | | | | | | |
| S-2 | | | | | | | | | | | | | | | | | | | | |
| Notes: strt 4.4 end 23.9 | | | | | | | | | | | | | | | | | | | | |
| S-3 | | | | | | | | | | | | | | | | | | | | |
| Notes: start 4.8 end 23.8 | | | | | | | | | | | | | | | | | | | | |
| S-4 | | | | | | | | | | | | | | | | | | | | |
| Notes: strt 4.7 end 23.8 | | | | | | | | | | | | | | | | | | | | |
| S-5 | | | | | | | | | | | | | | | | | | | | |
| Notes: start 4.8 end 23.8 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Notes: | | | | | | | | | | | | | | | | | | | | |

# SHELL WELLHEAD INSPECTION CHECKLIST



Client Shell Date 11-27-06

Site Address 5251 Hopyard Rd Pleasanton

Job Number 061127-DW-1 Technician DE

| Well ID | Well Inspected - No Corrective Action Required | WELL IS SECURABLE BY DESIGN (12"or less) | WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less) | WELL TAG IS PRESENT, SECURE, AND CORRECT | Water Bailed From Wellbox | Cap Replaced | Lock Replaced | Other Action Taken (explain below) | Well Not Inspected (explain below) | Repair Order Submitted |
|---|---|---|---|---|---|---|---|---|---|---|
| S-9 | | | | | | | X | | | |
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NOTES:

# WELL GAUGING DATA

Project # 061127-DW-1 Date 11-27-06 Client Shell

Site 5251 Hopyard Rd Pleasanton

| Well ID | Time | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| S-9 | 0854 | 2 | | | | | 7.77 | 19.86 | TOC | |
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# SHELL WELL MONITORING DATA SHEET

| | |
|---|---|
| BTS #: 061127-OW-1 | Site: 5251 Hopyard Rd |
| Sampler: OW | Date: 11-27-06 |
| Well I.D.: S-9 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth (TD): 19.86 | Depth to Water (DTW): 7.77 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.18 | |

Purge Method: X Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other:

1.9 (Gals.) X 3 = 5.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 0859 | 68.7 | 7.2 | 4905 | >1000 | 1.9 | Brown |
| 0902 | 69.0 | 7.2 | 4873 | >1000 | 3.8 | " |
| 0905 | 69.5 | 7.3 | 4869 | >1000 | 5.7 | " |
| | | | | | | |
| | | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 5.7

Sampling Date: 11-27-06 Sampling Time: 0910 Depth to Water: 7.93

Sample I.D.: S-9 Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxy's

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

# WELL GAUGING DATA

Project # 061122-SD-1 Date 11-22-06 Client Shell

Site 5251 Hopyard Rd, Pleasanton

| Well ID | Time | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| S-9 | 0950 | 2 | N | | | | 7.61 | 19.81 | ↓ | Develop |
| | | | | | | | | | | |
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# WELL DEVELOPMENT DATA SHEET

| | |
|---|---|
| Project #: 061122-JD-1 | Client: Shell |
| Developer: Dan R. | Date Developed: 11-22-06 |
| Well I.D. S-9 | Well Diameter: (circle one) (2) 3 4 6 |
| Total Well Depth: Before 19.81 After 19.92 | Depth to Water: Before 7.61 After 9.91 |
| Reason not developed: | If Free Product, thickness: |
| Additional Notations: | |

| Volume Conversion Factor (VCF): | Well dia. | | VCF |
|---|---|---|---|
| {12 x ($d^2$/4) x π} /231 | 2" | = | 0.16 |
| where | 3" | = | 0.37 |
| 12 = in / foot | 4" | = | 0.65 |
| d = diameter (in.) | 6" | = | 1.47 |
| π = 3.1416 | 10" | = | 4.08 |
| 231 = in 3/gal | 12" | = | 6.87 |

| 1.9 | X | 10 | = | JD ~~19~~ 24.7 |
|---|---|---|---|---|
| 1 Case Volume | | Specified Volumes | | gallons |

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump Middleberg
Other equipment used 2" Surge Block 15 min. prior to pump.

| TIME | TEMP (F) | pH | Cond. (mS or µS) | TURBIDITY (NTUs) | VOLUME REMOVED: | NOTATIONS: |
|---|---|---|---|---|---|---|
| 1025 | 67.2 | 7.31 | 5679 | >1,000 | 1.9 | Thick, dark brown $H_2O$ |
| 1028 | 68.1 | 7.36 | 5352 | >1,000 | 3.8 | lighter brown |
| 1031 | 68.5 | 7.46 | 5301 | >1,000 | 5.7 | DTW = 9.41 DTB = 19.85 |
| 1034 | 68.7 | 7.52 | 5193 | >1,000 | 7.6 | lighter color brown |
| 1039 | 67.2 | 7.82 | 5140 | >1,000 | 9.5 | DTW = 9.41 DTB = 19.87 |
| 1044 | 68.0 | 7.41 | 5015 | >1,000 | 11.4 | |
| 1050 | 69.1 | 7.31 | 4962 | >1,000 | 13.3 | lighter brown |
| 1055 | 68.7 | 7.35 | 4943 | >1,000 | 15.2 | |
| 1059 | 69.0 | 7.31 | 4928 | >1,000 | 17.1 | HARD BOTTOM |
| 1103 | 69.0 | 7.30 | 4900 | >1,000 | 19.0 | FINAL |
| 1107 | 69.1 | 7.30 | 4893 | >1,000 | 20.9 | DTW = 9.91 DTB = 19.92 |
| 1112 | 69.0 | 7.29 | 4890 | 1,000 | 22.8 | |
| 1117 | 68.5 | 7.31 | 4871 | 902 | 24.7 | |
| Did Well Dewater? NO | | If yes, note above. | | Gallons Actually Evacuated: | | 24.7 |

# SHELL WELLHEAD INSPECTION CHECKLIST

Page 1 of 1

Client Shell Date 11-13-06

Site Address 5251 Hopyard Rd Pleasanton

Job Number 061113-BP1 Technician B Prowl

| Well ID | Well Inspected - No Corrective Action Required | WELL IS SECURABLE BY DESIGN (12"or less) | WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less) | WELL TAG IS PRESENT, SECURE, AND CORRECT | Water Bailed From Wellbox | Cap Replaced | Lock Replaced | Other Action Taken (explain below) | Well Not Inspected (explain below) | Repair Order Submitted |
|---|---|---|---|---|---|---|---|---|---|---|
| S-1 | | X | X | NO | X | X | X | | | |
| S-2 | | X | X | | | | | | | |
| S-3 | | X | X | | | | | | | |
| S-4 | | X | X | | | | | | | |
| S-5 | | X | X | | | | | | | |
| S-6 | | X | X | | | | | | | |
| S-7 | | X | X | | | | | | | |
| S-8 | | NO | NO | | | | | | | X |
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NOTES: No well tags

# WELL GAUGING DATA

Project # 061113-BP1 Date 11-13-06 Client Shell

Site 5251 Hopyard Rd Pleasanton

| Well ID | Time | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| S-1 | 1140 | 3 | | | | | 7.99 | 28.60 | | |
| S-2 | 1136 | 3 | | | | | 8.37 | 24.18 | | |
| S-3 | 1125 | 3 | | | | | 8.65 | 24.18 | | |
| S-4 | 1128 | 3 | | | | | 8.23 | 24.15 | | |
| S-5 | 1131 | 3 | | | | | 8.77 | 24.08 | | |
| S-6 | 1306 | 3 | | | | | 8.15 | 25.53 | | |
| S-7 | 1315 | 3 | | | | | 8.15 | 25.10 | | |
| S-8 | 1353 | 3 | | | | | 7.09 | 24.67 | | |
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# SHELL WELL MONITORING DATA SHEET

| | |
|---|---|
| BTS #: 061113-BP1 | Site: 98995843 |
| Sampler: B Prowd | Date: 11/13/2006 |
| Well I.D.: S-1 | Well Diameter: 2 (3) 4 6 8 ____ |
| Total Well Depth (TD): 28.60 | Depth to Water (DTW): 7.99 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.11 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible ✓; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: Bailer ✓; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

| 7.6 (Gals.) X | 3 | = 22.9 Gals. |
|---|---|---|
| 1 Case Volume | Specified Volumes | Calculated Volume |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or (uS)) | Turbidity (NTUs) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 1233 | 70.0 | 7.4 | 895 | 126 | 8.0 | |
| | well | Dewatered @ | | | 14.0 | |
| | | | | | | |
| 1410 | 71.3 | 8.0 | 1167 | 41 | — | |
| | | | | | | |

Did well dewater? (Yes) No Gallons actually evacuated: 14.0

Sampling Date: 11/13/06 Sampling Time: 1410 Depth to Water: 8.90

Sample I.D.: S-1 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygeanates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

# SHELL WELL MONITORING DATA SHEET

| | |
|---|---|
| BTS #: 061113-BP1 | Site: 98995843 |
| Sampler: B Prowd | Date: 11/13/2006 |
| Well I.D.: S-2 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth (TD): 24.18 | Depth to Water (DTW): 8.37 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.53 | |

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible ✓ / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer ✓ / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

5.8 (Gals.) X 3 = 17.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 1217 | 67.8 | 7.5 | 2714 | 20 | 6.0 | |
| 1218 | 68.7 | 7.5 | 2763 | 18 | 12.0 | |
| 1219 | 68.7 | 7.5 | 2719 | 19 | 17.5 | |
| | | | | | | |
| | water | fr | 806 | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 17.5

Sampling Date: 11/13/06 Sampling Time: 1230 Depth to Water: 11.53

Sample I.D.: S-2 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygeanates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

# SHELL WELL MONITORING DATA SHEET

| | |
|---|---|
| BTS #: 061113-BP1 | Site: 98995843 |
| Sampler: B Prowd | Date: 11/13/2006 |
| Well I.D.: S-3 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth (TD): 24.18 | Depth to Water (DTW): 8.65 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.76 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible ✓; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer ✓; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

5.7 (Gals.) X 3 = 17.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 1156 | 67.3 | 7.2 | 2013 | 39 | 6.0 | |
| | well | Purged | dry | | 10.0 | |
| | | | | | | |
| 1240 | 68.3 | 7.2 | 2279 | 27 | — | |
| | | | | | | |

Did well dewater? (Yes) No Gallons actually evacuated: 10.0

Sampling Date: 11/13/06 Sampling Time: 1240 Depth to Water: 8.65

Sample I.D.: S-3 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygeanates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

# SHELL WELL MONITORING DATA SHEET

| | |
|---|---|
| BTS #: 061113-BP1 | Site: 98995843 |
| Sampler: B Prowd | Date: 11/13/2006 |
| Well I.D.: S-4 | Well Diameter: 2 (3) 4 6 8 ____ |
| Total Well Depth (TD): 24.05 | Depth to Water (DTW): 8.23 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.41 | |

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible ✓ / Waterra / Peristaltic / Extraction Pump / Other ____

Sampling Method: Bailer ✓ / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

| 5.9 (Gals.) X | 3 | = | 17.7 Gals. |
|---|---|---|---|
| 1 Case Volume | Specified Volumes | | Calculated Volume |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or ~~uS~~) | Turbidity (NTUs) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 1149 | 68.4 | 7.2 | 829 | 17 | 6.0 | |
| | well | Dewatered @ | | | 11.5 | |
| | | | | | | |
| 1245 | 71.2 | 7.4 | 823 | 15 | — | |
| | | | | | | |

Did well dewater? (Yes) No Gallons actually evacuated: 11.5

Sampling Date: 11/13/06 Sampling Time: 1245 Depth to Water: 8.23

Sample I.D.: S-4 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygeanates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

# SHELL WELL MONITORING DATA SHEET

| | |
|---|---|
| BTS #: 061113-BP1 | Site: 98995843 |
| Sampler: B Prowd | Date: 11/13/2006 |
| Well I.D.: S-5 | Well Diameter: 2 (3) 4 6 8 ____ |
| Total Well Depth (TD): 24.08 | Depth to Water (DTW): 8.77 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.83 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible ✓; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: Bailer ✓; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

| 5.7 (Gals.) X | 3 = | 17.0 Gals. |
|---|---|---|
| 1 Case Volume | Specified Volumes | Calculated Volume |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 1202 | 66.8 | 7.0 | 1339 | 78 | 6.0 | |
| 1203 | 66.9 | 7.0 | 1402 | 65 | 12.0 | |
| 1204 | 66.7 | 7.1 | 1390 | 69 | 17.0 | |
| | | | | | | |
| | Waited | for | 80% | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 17.0

Sampling Date: 11/13/06 Sampling Time: 1210 Depth to Water: 11.83

Sample I.D.: S-5 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygeanates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

# SHELL WELL MONITORING DATA SHEET

| | |
|---|---|
| BTS #: 061113-BP1 | Site: 98995843 |
| Sampler: B Prowd | Date: 11/13/2006 |
| Well I.D.: 5-6 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth (TD): 25.53 | Depth to Water (DTW): 8.15 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.63 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible ✓; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer ✓; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

| 6.4 (Gals.) X | 3 | = | 19.3 Gals. |
|---|---|---|---|
| 1 Case Volume | Specified Volumes | | Calculated Volume |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or (uS)) | Turbidity (NTUs) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 1309 | 69.7 | 7.1 | 4174 | 30 | 6.5 | |
| 1310 | 71.2 | 7.2 | 4406 | 269 | 13.0 | |
| | well | dewatered @ | | | 16.0 | |
| | | | | | | |
| 1335 | 72.2 | 7.2 | 3159 | 35 | — | |

Did well dewater? (Yes) No Gallons actually evacuated: 16.0

Sampling Date: 11/13/06 Sampling Time: 1335 Depth to Water: 8.17

Sample I.D.: 5-6 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygeanates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

# SHELL WELL MONITORING DATA SHEET

| | |
|---|---|
| BTS #: 061113-BP1 | Site: 98995843 |
| Sampler: B Prowd | Date: 11/13/2006 |
| Well I.D.: S-7 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth (TD): 25.10 | Depth to Water (DTW): 8.15 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.54 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible ✓; Waterra; Peristaltic; Extraction Pump; Other ___

Sampling Method: Bailer ✓; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ___

6.3 (Gals.) X 3 = 18.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 1321 | 70.2 | 7.4 | 1760 | 13 | 6.5 | |
| 1322 | 71.5 | 7.4 | 1913 | 20 | 13.0 | |
| | well | Dewatered | | | 15.0 | |
| | | | | | | |
| 1330 | 71.4 | 7.5 | 1315 | 17 | — | |

Did well dewater? Yes (✓) No Gallons actually evacuated: 15.0

Sampling Date: 11/13/06 Sampling Time: 1330 Depth to Water: 11.54

Sample I.D.: S-7 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygeanates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

# SHELL WELL MONITORING DATA SHEET

| | |
|---|---|
| BTS #: 061113-BP1 | Site: 98995843 |
| Sampler: B Prowd | Date: 11/13/2006 |
| Well I.D.: S-8 | Well Diameter: 2 (3) 4 6 8 ___ |
| Total Well Depth (TD): 24.67 | Depth to Water (DTW): 7.09 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.61 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible ✓; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer ✓; Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

| 6.5 (Gals.) X | 3 | = 19.5 Gals. |
|---|---|---|
| 1 Case Volume | Specified Volumes | Calculated Volume |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|
| 1355 | 69.7 | 6.6 | 15.2 | 861 | 6.5 | |
| 1356 | 68.4 | 6.6 | 15.4 | 519 | 13.0 | |
| 1358 | 68.5 | 6.6 | 15.3 | 901 | 19.5 | |
| | | | | | | |
| not @ | 1405 | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 19.5

Sampling Date: 11/13/06 Sampling Time: 1405 Depth to Water: 10.61

Sample I.D.: S-8 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygeanates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |