Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Document Transmittal
German Autocraft, 301 East 14th Street, San Leandro, California
AC LOP Case # 2783; Fuel Leak Case No. RO0000302; Global ID T0600100639

Dear Sir or Ma'am:

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

Sincerely,

4-30-10

Lee Seung
Owner, German Autocraft

STRATUS
ENVIRONMENTAL, INC.

3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
**(530) 676-6004** ~ Fax: (530) 676-6005

April 30, 2010
Project No. 2076-0301-01

Mr. Mark Detterman, P.G., C.E.G.
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577
*(via ACEHS ftp site only, no paper)*

Re: **Quarterly Groundwater Monitoring Report – First Quarter 2010**
German Autocraft, 301 East 14th Street, San Leandro, California
AC LOP Case #2783; Fuel Leak Case No. RO0000302; Global ID T0600100639

Mr. Detterman:

Stratus Environmental, Inc. (Stratus) is submitting the attached report presenting a summary of work performed at the site during the first quarter 2010 on behalf of Mr. Seung Lee for the German Autocraft facility, located at 301 East 14th Street, San Leandro, California. Stratus representatives, whose signatures appear below, declare under penalty of perjury, that the information contained in the attached report are true and correct to the best of our knowledge.

If you have any questions regarding this project, please contact Ms. Sarah Salcedo at (530) 313-9966 or Mr. Gowri Kowtha at (530) 676-6001.

Sincerely,
STRATUS ENVIRONMENTAL, INC.

PROFESSIONAL GEOLOGIST
SARAH O. SALCEDO
exp 6/11
NO. 7536
STATE OF CALIFORNIA

Sarah O. Salcedo, P.G.
Project Manager

Gowri S. Kowtha, P.E.
Principal Engineer

Attachment: Quarterly Groundwater Monitoring Report, First Quarter 2010

cc: Mr. Seung Lee
Ms. Cherie McCaulou, RWQCB-SF

April 30, 2010

# GERMAN AUTOCRAFT FACILITY
# QUARTERLY GROUNDWATER MONITORING REPORT

| | |
|---|---|
| Facility Address: | 301 East 14th Street, San Leandro, California |
| Consulting Co./Contact Person: | Stratus Environmental, Inc. / Sarah Salcedo, P.G. |
| Consultant Project No: | 2076-0301-01 |
| Primary Agency/Regulatory ID No: | Mr. Mark Detterman, Alameda County Environmental Health Services AC LOP Case #2783; Fuel Leak Case No. RO0000302; Global ID T0600100639 |

## WORK PERFORMED THIS PERIOD (First Quarter 2010):

1. Groundwater Cleaners, Inc. (GCI) prepared and submitted to ACEHS a *Work Plan for Additional Investigation,* dated January 15, 2010. This document was prepared in response to Alameda County Environmental Health Services (ACEHS) correspondence to Mr. Seung dated October 27, 2009.

2. On February 5, 2010, Mr. Seung Lee retained Stratus to provide continued environmental engineering and consulting services for the site.

3. On February 12, 2010, Stratus contacted ACEHS to make introductions and to request a meeting to discuss the project, GCI's recent proposals in the January 15, 2010 document and data gaps therein, and to create an aggressive and cooperative path forward for the property in 2010.

4. On February 19, 2010, ACEHS responded that a meeting would need to be delayed at this time. On March 11, 2010, Stratus followed up with ACEHS to see if a meeting was possible soon. On March 15, 2010, ACEHS indicated the submitted work plan would be reviewed around mid-May 2010 and that the meeting could proceed after this review.

5. On March 15, 2010, Stratus conducted semi-annual groundwater monitoring and sampling activities at the site. During this event, all existing groundwater monitoring wells (MW-1 through MW-6, MW-8 through MW-14, and MW-1A) were monitored and depth to water measurements collected. Wells MW-8, MW-9, MW-10, MW-12, MW-13, MW-14, and MW-1A were purged and sampled. The privately-owned irrigation well located at 141 Farrelly Drive was also sampled (no purging). Groundwater samples were analyzed at a state-certified analytical laboratory for gasoline range organics (GRO) by EPA Method SW8015B/DHS LUFT Manual, and for benzene, toluene, ethylbenzene, and total xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by EPA Method SW8260B. Field data sheets, sampling procedures, and laboratory analytical reports are included as Attachments A, B, and C, respectively. Tabulated historical groundwater elevation and analytical results are summarized in Table 1. Well construction details are summarized in Table 2.

6. On March 29, 2010, Stratus contacted ACEHS (via email) to notify ACEHS that Mr. Mitch Ramirez (owner of 141 Farrelly well) has inquired during our recent sampling event about the reinitiation of his use of the water from the well.

## WORK PROPOSED FOR NEXT PERIOD (Second Quarter 2010):

1. Meet with ACEHS to discuss the project, GCI's January 15, 2010 document, data gaps, and to create an aggressive and cooperative path forward for the property in 2010. It is anticipated this meeting will occur in late May 2010.

2. In accordance with ACEHS correspondence dated July 24, 2009 regarding SWRCB's Resolution No. 2009-0042, no groundwater monitoring/sampling activities are planned during the second quarter 2010.

| | |
|---|---|
| Current Phase of Project: | Groundwater Monitoring |
| Frequency of Groundwater Monitoring: | All Wells = Semi-annually (1st and 3rd quarters) |
| Frequency of Groundwater Sampling: | MW-8, -9, -10, -12, -13, -14, -1A, 141 Farrelly = Semiannually (1Q & 3Q)<br>MW-1 , -2, -3, -4, -5, -6, -11 = Annually (3Q) |
| Groundwater Sampling Date: | March 15, 2010 |
| Is Free Product (FP) Present on Site: | No |
| Approximate Depth to Groundwater: | 19.87 to 22.27 feet below top of well casing |
| Groundwater Flow Direction: | East-southeast |
| Groundwater Gradient: | 0.002 ft/ft |

**DISCUSSION:**

Fourteen groundwater monitoring wells (MW-1 through MW-6, MW-8 through MW-14, and MW-1A) have been screened to depths ranging to about 30 to 40 feet below ground surface (bgs) to monitor groundwater occurrence and quality in the uppermost water-bearing zone beneath the site. At the time of the first quarter 2010 monitoring event, groundwater elevations in all wells had increased between 5.01 and 5.83 feet since the previous monitoring event (December 7, 2009), with the exception of wells MW-6 and MW-1A, which increased 3.33 and 0.55 feet, respectively, since the last event. Depth-to-water measurements were converted to feet above mean sea level (MSL) and used to construct a groundwater elevation contour map (Figure 2). The groundwater flow direction was generally to the east-southeast at an average gradient of approximately 0.002 ft/ft.

Groundwater beneath the site is impacted with GRO and BTEX. Concentrations are highest in onsite wells (which were not sampled during this event) and generally decrease in the downgradient (easterly) direction. During the first quarter 2010, concentrations of GRO were reported in samples from offsite wells MW-8, MW-9, MW-10, MW-12, and MW-1A, with the maximum concentration (5,200 µg/L) reported in well MW-10. Benzene was reported in wells MW-9, MW-10, and MW-12, with the maximum concentration (110 µg/L) also reported in well MW-10. Groundwater samples were analyzed for the presence of MTBE during the first quarter 2010 event; no concentrations of MTBE were reported in any of the wells. Iso-concentration maps illustrating GRO and benzene concentrations are included as Figures 3 and 4, respectively.

**ATTACHMENTS:**

- Table 1 Groundwater Elevation and Analytical Summary
- Table 2 Well Construction Details
- Figure 1 Site Location Map
- Figure 2 Groundwater Elevation Contour Map (First Quarter 2010)
- Figure 3 GRO Iso-concentration Contour Map (First Quarter 2010)
- Figure 4 Benzene Iso-concentration Contour Map (First Quarter 2010)
- Appendix A Field Data Sheets
- Appendix B Sampling and Analyses Procedures
- Appendix C Laboratory Analytical Reports and Chain-of-Custody Documentation
- Appendix D GeoTracker Electronic Submittal Confirmations

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-1** | 12/21/1990 | 30.25 | 49.61 | 19.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/31/1990 | -- | 49.61 | -- | 51,000 | 2,200 | 1,200 | <0.5 | 760 | -- | -- | -- | -- | -- |
| | 1/6/1995 | -- | 49.61 | -- | 110,000 | 13,000 | 15,000 | 4,800 | 13,000 | -- | -- | -- | -- | -- |
| | 1/6/1995 | -- | 49.61 | -- | 580,000 | 29,000 | 41,000 | 17,000 | 43,000 | -- | -- | -- | -- | -- |
| | 2/10/1995 | 20.02 | 49.61 | 29.59 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/7/1995 | 22.77 | 49.4 | 26.63 | 49,000 | 8,000 | 17,000 | 1,900 | 9,700 | -- | -- | -- | -- | -- |
| | 8/10/1995 | 23.82 | 49.4 | 25.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/11/1995 | 24.72 | 49.4 | 24.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/2/1995 | 25.28 | 49.4 | 24.12 | 120,000 | 16,000 | 36,000 | 3,300 | 17,000 | -- | -- | -- | -- | -- |
| | 10/2/1995 | -- | 49.4 | -- | 160,000 | 20,000 | 47,000 | 5,000 | 23,000 | -- | -- | -- | -- | -- |
| | 11/7/1995 | 26.04 | 49.4 | 23.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/8/1995 | 18.77 | 49.4 | 22.77 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/12/1996 | 25.05 | 49.4 | 24.35 | 1,100,000 | 11,000 | 18,000 | 15,000 | 51,000 | 18,000 [2] | -- | -- | -- | -- |
| | 1/12/1996 | -- | 49.4 | -- | 98,000 | 2,100 | 4,600 | 2,500 | 10,000 | <5,000 | -- | -- | -- | -- |
| | 2/12/1996 | 20.36 | 49.4 | 29.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/1996 | 17.65 | 49 4 | 31.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1996 | 19.97 | 49.4 | 29.43 | 53,000 | 1,300 | 2,900 | 2,100 | 10,000 | <5,000 | -- | -- | -- | -- |
| | 4/13/1996 | -- | 49.4 | -- | 58,000 | 820 | 3,600 | 2,800 | 12,000 | <5,000 | -- | -- | -- | -- |
| | 5/14/1996 | 21.51 | 49.4 | 27.89 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/20/1996 | 22.21 | 49.4 | 27.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/1996 | 23.45 | 49.4 | 25.95 | 91,000 | 2,600 | 7,200 | 2,900 | 14,000 | <5,000 | -- | -- | -- | -- |
| | 7/26/1996 | -- | 49.4 | -- | 67,000 | 2,300 | 5,500 | 2,500 | 11,000 | <5,000 | -- | -- | -- | -- |
| | 8/19/1996 | 24.24 | 49.4 | 25.16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17/1996 | 24.96 | 49.4 | 24.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1996 | 25.77 | 49.4 | 23.63 | 210,000 | 4,800 | 17,000 | 2,300 | 15,000 | -- | -- | -- | -- | -- |
| | 10/21/1996 | -- | 49.4 | -- | 210,000 | 5,400 | 18,000 | 2,600 | 11,000 | -- | -- | -- | -- | -- |
| | 11/27/1996 | 25.12 | 49.4 | 24.28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/27/1996 | 21.17 | 49.4 | 28.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/28/1997 | 16.38 | 49.4 | 33.02 | 120,000 | 5,600 | 15,000 | 2,100 | 11,000 | -- | -- | -- | -- | -- |
| | 1/28/1997 | -- | 49.4 | -- | 130,000 | 5,500 | 15,000 | 2,300 | 12,000 | -- | -- | -- | -- | -- |
| | 4/25/1997 | 22.26 | 49.4 | 27.14 | 180,000 | 6,900 | 20,000 | 2,600 | 13,000 | -- | -- | -- | -- | -- |
| | 4/25/1997 | -- | 49.4 | -- | 170,000 | 6,500 | 20,000 | 2,500 | 13,000 | -- | -- | -- | -- | -- |
| | 7/17/1997 | 24.85 | 49.4 | 24.55 | 220,000 | 8,300 | 41,000 | 2,700 | 16,000 | -- | -- | -- | -- | -- |
| | 10/21/1997 | 26.55 | 49.4 | 22.85 | 240,000 | 9,400 | 33,000 | 3,300 | 22,000 | -- | -- | -- | -- | -- |
| | 3/10/1998 | 15.05 | 49.4 | 34.35 | 120,000 | 11,000 | 46,000 | 3,700 | 21,000 | -- | -- | -- | -- | -- |
| | 6/6/1998 | 18.71 | 49.4 | 30.69 | 110,000 | 7,600 | 32,000 | 4,800 | 23,000 | -- | -- | -- | -- | -- |
| | 9/30/1998 | 23.45 | 49.4 | 25.95 | 140,000 | 5,800 | 29,000 | 3,500 | 18,000 | -- | -- | -- | -- | -- |
| | 12/30/1998 | 24.27 | 49.4 | 25.13 | 78,000 | 5,200 | 24,000 | 3,200 | 19,000 | -- | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-1 (con't)** | 3/13/1999 | 19.42 | 49.4 | 29.98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/1999 | -- | 49.4 | -- | 250,000 | 8,000 | 43,000 | 5,200 | 27,000 | -- | -- | -- | -- | -- |
| | 9/29/1999 | 25.01 | 49.4 | 24.39 | 140,000 | 6,100 | 35,000 | 5,400 | 27,000 | -- | -- | -- | -- | -- |
| | 12/29/1999 | 25.65 | 49.4 | 23.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/18/2000 | 17.48 | 49.4 | 31.92 | 120,000 | 5,100 | 33,000 | 4,600 | 24,000 | -- | -- | -- | -- | -- |
| | 7/18/2000 | 23.19 | 49.4 | 26.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2000 | 24.39 | 49.4 | 25.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/28/2000 | 24.77 | 49.4 | 24.63 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/20/2001 | -- | 49.4 | -- | 100,000 | 3,600 | 41,000 | 4,700 | 25,000 | <1,250 | -- | -- | -- | -- |
| | 3/30/2001 | 21.93 | 49.4 | 27.47 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/5/2001 | 25.58 | 49.4 | 23.82 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/28/2002 | 20.74 | 49.4 | 28.66 | 100,000 | 2,800 | 24,000 | 5,400 | 28,900 | -- | -- | -- | -- | -- |
| | 3/31/2003 | 22.72 | 49.4 | 26.68 | 100,000 | 2,200 | 19,000 | 4,900 | 21,000 | -- | -- | -- | -- | -- |
| | 6/19/2003 | 23.17 | 49.4 | 26.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2003 | 25.35 | 49.4 | 24.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/10/2004 | 22.44 | 49.4 | 26.96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/31/2004 | -- | 49.4 | -- | 100,000 | 2,100 | 21,000 | 6,200 | 36,000 | -- | -- | -- | -- | -- |
| | 6/30/2004 | 24.67 | 49.4 | 24.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/14/2004 | 27.89 | 49.4 | 21.51 | 160,000 | 1,800 | 16,000 | 5,500 | 30,000 | -- | -- | -- | -- | -- |
| | 3/29/2006 | 18.84 | 49.4 | 30.56 | 69,000 | 1,400 | 16,000 | 4,900 | 28,000 | -- | -- | -- | -- | -- |
| | 6/24/2006 | 20.57 | 49.4 | 28.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2006 | 23.53 | 49.4 | 25.87 | 120,000 | 1,400 | 13,000 | 5,200 | 29,000 | <500 | -- | -- | -- | -- |
| | 12/11/2006 | 22.78 | 49.4 | 26.29 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/16/2007 | -- | 49.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/10/2007 | 24.36 | 49.4 | 25.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/14/2007 | 25.92 | 49.4 | 23.48 | 92,000 | 1,000 | 9,400 | 4,300 | 23,000 | <250 | -- | -- | -- | -- |
| | 12/14/2007 | 26.22 | 49.4 | 23.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2008 | 22.4 | 49.4 | 27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/11/2008 | 24.97 | 49.4 | 24.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | 26.44 | 49.4 | 22.96 | 110,000 | 1,000 | 11,000 | 4,200 | 21,000 | <250 | -- | -- | -- | -- |
| | 12/13/2008 | 27.16 | 49.4 | 22.24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/14/2009 | 21.82 | 49.4 | 27.58 | 110,000 | 1,000 | 14,000 | 3,700 | 21,000 | <1,000 | -- | -- | -- | -- |
| | 12/7/2009 | 26.42 | 49.4 | 22.98 | 49,000 | 540 | 5,500 | 2,000 | 9,400 | <100 | -- | -- | -- | -- |
| | 3/15/2010 | 21.21 | 49.4 | 28.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-2 | 1/6/1995 | -- | -- | -- | 980,000 | 9,400 | 5,600 | 19,000 | 42,000 | -- | -- | -- | -- | -- |
| | 2/10/1995 | 20.52 | 50.14 | 29.62 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/7/1995 | 23.55 | 50.02 | 26.47 | 71,000 | 5,300 | 1,800 | 6,100 | 9,000 | -- | -- | -- | -- | -- |
| | 8/10/1995 | 24.62 | 50.02 | 25.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/11/1995 | 25.53 | 50.02 | 24.49 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/2/1995 | 26.08 | 50.02 | 23.94 | 40,000 | 2,900 | 200 | 2,800 | 3,600 | -- | -- | -- | -- | -- |
| | 11/7/1995 | 26.89 | 50.02 | 23.13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/8/1995 | 27.47 | 50.02 | 22.55 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/12/1996 | 25.82 | 50.02 | 24.2 | 260,000 | 2,600 | 2,200 | 6,300 | 7,800 | <12,500 | -- | -- | -- | -- |
| | 2/12/1996 | 20.99 | 50.02 | 29.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/1996 | 18.42 | 50.02 | 31.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1996 | 20.77 | 50.02 | 29.25 | 30,000 | 1,900 | 370 | 2,300 | 2,400 | 520 [2] | -- | -- | -- | -- |
| | 4/29/1996 | -- | 50.02 | -- | -- | 930 | <25 | 1,200 | 1,400 | -- | -- | -- | -- | -- |
| | 5/14/1996 | 22.34 | 50.02 | 27.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/20/1996 | 23.05 | 50.02 | 26.97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/1996 | 24.28 | 50.02 | 25.74 | 180,000 | 1,400 | 640 | 2,100 | 5,000 | <5,000 | -- | -- | -- | -- |
| | 8/19/1996 | 25.05 | 50.02 | 24.97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17/1996 | 25.8 | 50.02 | 24.22 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1996 | 26.59 | 50.02 | 23.43 | 62,000 | 2,100 | <0.5 | 2,100 | 2,700 | -- | -- | -- | -- | -- |
| | 11/27/1996 | 25.93 | 50.02 | 24.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/27/1996 | 21.99 | 50.02 | 28.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/28/1997 | 17.31 | 50.02 | 32.71 | 46,000 | 1,500 | 94 | 1,800 | 2,000 | -- | -- | -- | -- | -- |
| | 4/25/1997 | 23.14 | 50.02 | 26.88 | 23,000 | 790 | 26 | 820 | 730 | -- | -- | -- | -- | -- |
| | 7/17/1997 | 25.71 | 50.02 | 24.31 | 95,000 | 2,200 | <0.5 | 3,100 | 4,300 | -- | -- | -- | -- | -- |
| | 10/21/1997 | 27.33 | 50.02 | 22.69 | 31,000 | 2,000 | <0.5 | 2,100 | 1,900 | -- | -- | -- | -- | -- |
| | 3/10/1998 | 15.82 | 50.02 | 34.2 | 19,000 | 730 | 44 | 820 | 1,000 | -- | -- | -- | -- | -- |
| | 6/6/1998 | 19.61 | 50.02 | 30.41 | 16,000 | 670 | 1,100 | 510 | 1,200 | -- | -- | -- | -- | -- |
| | 9/30/1998 | 24.34 | 50.02 | 25.68 | 24,000 | 600 | 77 | 680 | 580 | -- | -- | -- | -- | -- |
| | 12/30/1998 | 25.09 | 50.02 | 24.93 | 9,300 | 510 | 96 | 450 | 480 | -- | -- | -- | -- | -- |
| | 3/13/1999 | 20.22 | 50.02 | 29.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/1999 | -- | 50.02 | -- | 5,700 | 580 | 9.4 | 400 | 280 | -- | -- | -- | -- | -- |
| | 9/29/1999 | 25.9 | 50.02 | 24.12 | 17,000 | 880 | 240 | 830 | 1,000 | -- | -- | -- | -- | -- |
| | 12/29/1999 | 26.5 | 50.02 | 23.52 | 11,000 | 800 | 11 | 860 | 780 | -- | -- | -- | -- | -- |
| | 3/18/2000 | 18.15 | 50.02 | 31.87 | 11,000 | 790 | 14 | 520 | 450 | -- | -- | -- | -- | -- |
| | 7/18/2000 | 24.01 | 50.02 | 26.01 | 10,000 | 560 | 27 | 630 | 530 | -- | -- | -- | -- | -- |
| | 9/26/2000 | 25.33 | 50.02 | 24.69 | 6,800 | 450 | 7.4 | 290 | 200 | -- | -- | -- | -- | -- |
| | 12/28/2000 | 25.63 | 50.02 | 24.39 | 12,000 | 540 | 30 | 420 | 330 | -- | -- | -- | -- | -- |
| | 3/30/2001 | 22.71 | 50.02 | 27.31 | 3,500 | 230 | <10 | <10 | <10 | <100 | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-2** | 10/5/2001 | 26.38 | 50.02 | 23.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **(con't)** | 3/28/2002 | 21.59 | 50.02 | 28.43 | 7,000 | 570 | 16 | 170 | 71 | -- | -- | -- | -- | -- |
| | 9/30/2002 | 25.84 | 50.02 | 24.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/31/2003 | 23.63 | 50.02 | 26.39 | 5,000 | 620 | <12.5 | 71 | <25 | -- | -- | -- | -- | -- |
| | 6/19/2003 | 23.98 | 50.02 | 26.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2003 | 26.19 | 50.02 | 23.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/10/2004 | 23.27 | 50.02 | 26.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/31/2004 | -- | 50.02 | -- | 8,200 | 500 | <12.5 | 65 | <25 | -- | -- | -- | -- | -- |
| | 6/30/2004 | 25.45 | 50.02 | 24.57 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/14/2004 | 26.7 | 50.02 | 23.32 | 9,000 | 560 | <13 | 57 | <25 | -- | -- | -- | -- | -- |
| | 3/29/2006 | 19.61 | 50.02 | 30.41 | 5,200 | 1,400 | <20 | 52 | <20 | -- | -- | -- | -- | -- |
| | 6/24/2006 | 21.41 | 50.02 | 28.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2006 | 24.37 | 50.02 | 25.65 | 4,800 | 900 | 64 | 22 | 110 | <50 | -- | -- | -- | -- |
| | 12/11/2006 | 23.92 | 50.02 | 26.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/16/2007 | 22.78 | 50.02 | 27.24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/10/2007 | 25.12 | 50.02 | 24.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/14/2007 | 26.63 | 50.02 | 23.39 | 11,000 | 2,200 | 53 | 72 | 150 | <50 | -- | -- | -- | -- |
| | 12/14/2007 | 26.58 | 50.02 | 23.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2008 | 23.1 | 50.02 | 26.92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/11/2008 | 25.71 | 50.02 | 24.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | 27.14 | 50.02 | 22.88 | 10,000 | 1,000 | 49 | 120 | 120 | <100 | -- | -- | -- | -- |
| | 12/13/2008 | 27.83 | 50.02 | 22.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/14/2009 | 22.38 | 50.02 | 27.64 | 9,800 | 270 | 28 | 210 | 110 | <110 | -- | -- | -- | -- |
| | 6/3/2009 | 25.27 | 50.02 | 24.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/7/2009 | 27.11 | 50.02 | 22.91 | 9,000 | 150 | 48 | 170 | 110 | <50 | -- | -- | -- | -- |
| | 3/15/2010 | 21.98 | 50.02 | 28.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-3** | 1/6/1995 | -- | 49.32 | -- | 740,000 | 11,000 | 2,300 | 8,300 | 28,000 | -- | -- | -- | -- | -- |
| | 2/10/1995 | 19.75 | 49.32 | 29.57 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/7/1995 | 22.82 | 49.32 | 26.5 | 86,000 | 12,000 | 8,600 | 4,900 | 19,000 | -- | -- | -- | -- | -- |
| | 8/10/1995 | 23.88 | 49.32 | 25.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/11/1995 | 24.78 | 49.32 | 24.54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/2/1995 | 25.32 | 49.32 | 24 | 100,000 | 15,000 | 11,000 | 6,000 | 20,000 | -- | -- | -- | -- | -- |
| | 11/7/1995 | 26.11 | 49.32 | 23.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/8/1995 | 26.7 | 49.32 | 22.62 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/12/1996 | 25.07 | 49.32 | 24.25 | 84,000 | 6,500 | 4,100 | 3,200 | 12,000 | <5,.000 | -- | -- | -- | -- |
| | 2/12/1996 | 20.32 | 49.32 | 29 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/1996 | 17.65 | 49.32 | 31.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1996 | 20.06 | 49.32 | 29.26 | 48,000 | 7,600 | 3,600 | 2,800 | 9,400 | <2,500 | -- | -- | -- | -- |
| | 5/14/1996 | 21.61 | 49.32 | 27.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/20/1996 | 22.32 | 49.32 | 27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/1996 | 23.65 | 49.32 | 25.67 | 62,000 | 6,400 | 3,100 | 3,000 | 11,000 | <2,500 | -- | -- | -- | -- |
| | 8/19/1996 | 24.31 | 49.32 | 25.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/17/1996 | 25.05 | 49.32 | 24.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1996 | 25.84 | 49.32 | 23.48 | 110,000 | 5,400 | 2,400 | 2,500 | 9,800 | -- | -- | -- | -- | -- |
| | 11/27/1996 | 25.19 | 49.32 | 24.13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/27/1996 | 21.21 | 49.32 | 28.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/28/1997 | 16.54 | 49.32 | 32.78 | 130,000 | 5,500 | 15,000 | 2,300 | 12,000 | -- | -- | -- | -- | -- |
| | 4/25/1997 | 22.38 | 49.32 | 26.94 | 180,000 | 6,900 | 20,000 | 2,600 | 13,000 | -- | -- | -- | -- | -- |
| | 7/17/1997 | 24.95 | 49.32 | 24.37 | 69,000 | 5,100 | 1,100 | 1,800 | 8,600 | -- | -- | -- | -- | -- |
| | 10/21/1997 | 26.59 | 49.32 | 22.73 | 58,000 | 4,300 | 1,300 | 2,100 | 8,000 | -- | -- | -- | -- | -- |
| | 3/10/1998 | 15.19 | 49.32 | 34.13 | 25,000 | 3,000 | 1,300 | 1,100 | 3,700 | -- | -- | -- | -- | -- |
| | 6/6/1998 | 18.85 | 49.32 | 30.47 | 52,000 | 4,400 | 1,900 | 2,300 | 6,900 | -- | -- | -- | -- | -- |
| | 9/30/1998 | 23.57 | 49.32 | 25.75 | 42,000 | 4,300 | 1,400 | 1,800 | 6,600 | -- | -- | -- | -- | -- |
| | 12/30/1998 | 24.33 | 49.32 | 24.99 | 34,000 | 4,200 | 770 | 2,300 | 9,000 | -- | -- | -- | -- | -- |
| | 3/13/1999 | 19.49 | 49.32 | 29.83 | 44,000 | 3,500 | 1,000 | 1,700 | 5,200 | -- | -- | -- | -- | -- |
| | 9/29/1999 | 25.12 | 49.32 | 24.2 | 39,000 | 6,000 | 840 | 2,400 | 8,100 | -- | -- | -- | -- | -- |
| | 12/29/1999 | 25.72 | 49.32 | 23.6 | 39,000 | 4,600 | 790 | 2,400 | 8,100 | -- | -- | -- | -- | -- |
| | 3/18/2000 | 17.5 | 49.32 | 31.82 | 21,000 | 3,100 | 550 | 1,400 | 4,100 | -- | -- | -- | -- | -- |
| | 7/18/2000 | 23.28 | 49.32 | 26.04 | 30,000 | 5,000 | 950 | 2,000 | 5,700 | -- | -- | -- | -- | -- |
| | 9/26/2000 | 24.52 | 49.32 | 24.8 | 36,000 | 5,300 | 640 | 2,400 | 9,900 | -- | -- | -- | -- | -- |
| | 12/28/2000 | 24.87 | 49.32 | 24.45 | 33,000 | 4,700 | 450 | 2,100 | 6,400 | -- | -- | -- | -- | -- |
| | 3/20/2001 | -- | 49.32 | -- | 21,000 | 2,000 | 260 | 570 | 3,000 | <500 | -- | -- | -- | -- |
| | 3/30/2001 | 21.93 | 49.32 | 27.39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/5/2001 | 25.62 | 49.32 | 23.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-3 (con't)** | 3/28/2002 | 20.83 | 49.32 | 28.49 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2002 | 25.2 | 49.32 | 24.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/31/2003 | 22.82 | 49.32 | 26.5 | 25,000 | 3,200 | 280 | 1,600 | 4,200 | -- | -- | -- | -- | -- |
| | 6/19/2003 | 23.29 | 49.32 | 26.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2003 | 25.5 | 49.32 | 23.82 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/10/2004 | 22.53 | 49.32 | 26.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/31/2004 | -- | 49.32 | -- | 11,000 | 1,000 | 940 | 550 | 1,900 | -- | -- | -- | -- | -- |
| | 6/30/2004 | 24.73 | 49.32 | 24.59 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/14/2004 | 27.93 | 49.32 | 21.39 | 42,000 | 3,600 | 190 | 2,200 | 4,800 | -- | -- | -- | -- | -- |
| | 3/29/2006 | 18.87 | 49.32 | 30.45 | 7,200 | 180 | 17 | 460 | 680 | -- | -- | -- | -- | -- |
| | 6/24/2006 | 22.65 | 49.32 | 26.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2006 | 24.49 | 49.32 | 24.83 | 7,100 | 130 | 94 | 500 | 820 | <50 | -- | -- | -- | -- |
| | 12/11/2006 | 23.03 | 49.32 | 26.29 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/16/2007 | 21.97 | 49.32 | 27.35 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/10/2007 | 24.28 | 49.32 | 25.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/14/2007 | 25.75 | 49.32 | 23.57 | 6,700 | 16 | 44 | 200 | 400 | <10 | -- | -- | -- | -- |
| | 12/14/2007 | 25.96 | 49.32 | 23.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2008 | 22.31 | 49.32 | 27.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/11/2008 | 24.8 | 49.32 | 24.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | 26.23 | 49.32 | 23.09 | 6,300 | 7.6 | 82 | 92 | 290 | <5.0 | -- | -- | -- | -- |
| | 12/13/2008 | 26.93 | 49.32 | 22.39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/14/2009 | 21.65 | 49.32 | 27.67 | 3,300 | 13 | 17 | 56 | 140 | <50 | -- | -- | -- | -- |
| | 12/7/2009 | 26.2 | 49.32 | 23.12 | 2,800 | 13 | 43 | 74 | 150 | <50 | -- | -- | -- | -- |
| | 3/15/2010 | 21.15 | 49.32 | 28.17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-4** | 12/30/1998 | 24.56 | 49.61 | 25.05 | 12,000 | 1,200 | 1,100 | 290 | 1,400 | -- | -- | -- | -- | -- |
| | 3/13/1999 | 19.72 | 49.61 | 29.89 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/1999 | -- | 49.61 | -- | 89,000 | 5,900 | 8,700 | 2,000 | 9,200 | -- | -- | -- | -- | -- |
| | 9/29/1999 | 25.34 | 49.61 | 24.27 | 48,000 | 5,300 | 6,800 | 1,700 | 7,700 | -- | -- | -- | -- | -- |
| | 12/29/1999 | 25.97 | 49.61 | 23.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/18/2000 | 17.76 | 49.61 | 31.85 | 44,000 | 4,500 | 7,500 | 2,200 | 11,000 | -- | -- | -- | -- | -- |
| | 12/28/2000 | 25.09 | 49.61 | 24.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/30/2001 | 22.21 | 49.61 | 27.4 | 10,000 | 700 | 620 | <10 | 1,900 | <100 | -- | -- | -- | -- |
| | 10/5/2001 | 25.84 | 49.61 | 23.77 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/28/2002 | 21.03 | 49.61 | 28.58 | 30,000 | 3,700 | 3,100 | 1,100 | 4,100 | -- | -- | -- | -- | -- |
| | 9/30/2002 | 25.29 | 49.61 | 24.32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/31/2003 | 23.02 | 49.61 | 26.59 | 25,000 | 2,000 | 2,100 | 820 | 2,900 | -- | -- | -- | -- | -- |
| | 6/19/2003 | 23.45 | 49.61 | 26.16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2003 | 25.65 | 49.61 | 23.96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/31/2004 | -- | 49.61 | -- | 24,000 | 2,500 | 200 | 1,400 | 2,800 | -- | -- | -- | -- | -- |
| | 9/14/2004 | 28.16 | 49.61 | 21.45 | 14,000 | 760 | 550 | 430 | 1,600 | -- | -- | -- | -- | -- |
| | 3/29/2006 | 19.87 | 49.61 | 29.74 | 17,000 | 2,000 | 1,200 | 910 | 2,400 | -- | -- | -- | -- | -- |
| | 6/24/2006 | 22.86 | 49.61 | 26.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2006 | 23.94 | 49.61 | 25.67 | 4,000 | 440 | 120 | 240 | 360 | <50 | -- | -- | -- | -- |
| | 12/11/2006 | 23.36 | 49.61 | 26.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/16/2007 | 22.26 | 49.61 | 27.35 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/10/2007 | 24.6 | 49.61 | 25.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/14/2007 | 26.11 | 49.61 | 23.5 | 10,000 | 1,300 | 96 | 440 | 560 | <50 | -- | -- | -- | -- |
| | 12/14/2007 | 26.39 | 49.61 | 23.22 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2008 | 22.62 | 49.61 | 26.99 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/11/2008 | 25.19 | 49.61 | 24.42 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | 26.64 | 49.61 | 22.97 | 12,000 | 1,400 | 110 | 960 | 840 | <300 | -- | -- | -- | -- |
| | 12/13/2008 | 27.36 | 49.61 | 22.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/14/2009 | 21.96 | 49.61 | 27.65 | 44,000 | 1,700 | 1,000 | 2,600 | 6,700 | <250 | -- | -- | -- | -- |
| | 12/7/2009 | 26.6 | 49.61 | 23.01 | 26,000 | 920 | 160 | 2,100 | 3,200 | <250 | -- | -- | -- | -- |
| | 3/15/2010 | 21.59 | 49.61 | 28.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-5** | 12/30/1998 | 24.51 | 49.57 | 25.06 | 170 | 1.1 | <0.5 | <0.5 | 4.8 | -- | -- | -- | -- | -- |
| | 3/13/1999 | 19.64 | 49.57 | 29.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/22/1999 | -- | 49.57 | -- | 470 | 3.8 | 0.51 | 2 | <0.5 | -- | -- | -- | -- | -- |
| | 9/29/1999 | 25.31 | 49.57 | 24.26 | 1,200 | 13 | 4.2 | 2.7 | 4.2 | -- | -- | -- | -- | -- |
| | 3/18/2000 | 25.93 | 49.57 | 23.64 | 660 | 5.5 | 0.62 | 1.6 | 1.7 | -- | -- | -- | -- | -- |
| | 3/28/2002 | 17.63 | 49.57 | 31.94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/29/2006 | -- | 49.57 | -- | 190 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 9/30/2006 | Dry | 49.57 | n/a | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/14/2007 | Dry | 49.57 | n/a | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/14/2007 | Dry | 49.57 | n/a | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/11/2008 | Dry | 49.57 | n/a | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | Dry | 49.57 | n/a | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/13/2008 | Dry | 49.57 | n/a | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/14/2009 | Dry | 49.57 | n/a | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/7/2009 | Dry | 49.57 | n/a | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/15/2010 | 21.46 | 49.57 | 28.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-6** | 12/30/1998 | 22.92 | 48.06 | 25.14 | 400 | 1 | <0.5 | <0.5 | 4.8 | -- | -- | -- | -- | -- |
| | 3/13/1999 | 18.09 | 48.06 | 29.97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/22/1999 | -- | 48.06 | -- | 390 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 9/29/1999 | 23.68 | 48.06 | 24.38 | 330 | 1.8 | 1.4 | 1.5 | <0.5 | -- | -- | -- | -- | -- |
| | 12/29/1999 | 24.31 | 48.06 | 23.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/18/2000 | 16.2 | 48.06 | 31.86 | 200 | 1.3 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 7/18/2000 | 21.84 | 48.06 | 26.22 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2000 | 23.11 | 48.06 | 24.95 | 240 | 1.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 12/28/2000 | 23.45 | 48.06 | 24.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/20/2001 | -- | 48.06 | -- | 160 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 3/30/2001 | 20.65 | 48.06 | 27.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/5/2001 | 24.24 | 48.06 | 23.82 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/28/2002 | 19.41 | 48.06 | 28.65 | 88 | 0.89 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 9/30/2002 | 23.65 | 48.06 | 24.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/29/2006 | -- | 48.06 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2006 | 22.33 | 48.06 | 25.73 | 280 | 5.5 | 24 | 14 | 69 | <5.0 | -- | -- | -- | -- |
| | 9/14/2007 | 24.58 | 48.06 | 23.48 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 12/14/2007 | 24.88 | 48.06 | 23.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2008 | 21.03 | 48.06 | 27.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/11/2008 | 23.62 | 48.06 | 24.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | 25.1 | 48.06 | 22.96 | 84 | 0.92 | 0.76 | 1.7 | 3.5 | <5.0 | -- | -- | -- | -- |
| | 12/13/2008 | 25.81 | 48.06 | 22.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/3/2009 | 23.2 | 48.06 | 24.86 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/15/2010 | 19.87 | 48.06 | 28.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-8** | 12/30/1998 | 24.21 | 49.35 | 25.14 | 2,200 | 70 | 0.94 | 26 | 15 | -- | -- | -- | -- | -- |
| | 3/13/1999 | -- | 49.35 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/1999 | -- | 49.35 | -- | 2,300 | 34 | 1.1 | 15 | 13 | -- | -- | -- | -- | -- |
| | 9/29/1999 | -- | 49.35 | -- | 8,800 | 140 | <50 | 53 | <50 | -- | -- | -- | -- | -- |
| | 12/29/1999 | -- | 49.35 | -- | 1,900 | 64 | 1 | 22 | 23 | -- | -- | -- | -- | -- |
| | 3/18/2000 | -- | 49.35 | -- | 1,400 | 36 | <0.5 | 12 | 9.3 | -- | -- | -- | -- | -- |
| | 7/18/2000 | -- | 49.35 | -- | 3,000 | 67 | 9.8 | 38 | 38 | -- | -- | -- | -- | -- |
| | 9/26/2000 | -- | 49.35 | -- | 1,200 | 24 | 3 | 24 | 15 | -- | -- | -- | -- | -- |
| | 12/28/2000 | -- | 49.35 | -- | 1,200 | 47 | 3.7 | 17 | 18 | -- | -- | -- | -- | -- |
| | 3/20/2001 | -- | 49.35 | -- | 1,300 | 7.8 | <2.5 | <2.5 | 14 | <25 | -- | -- | -- | -- |
| | 3/30/2001 | -- | 49.35 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/5/2001 | -- | 49.35 | -- | 1,800 | 28 | <2.5 | 20 | 23 | -- | -- | -- | -- | -- |
| | 3/28/2002 | -- | 49.35 | -- | 1,100 | 12 | 1.7 | 11 | 10.8 | -- | -- | -- | -- | -- |
| | 9/30/2002 | -- | 49.35 | -- | 1,400 | 15 | 24 | 32 | 22 | -- | -- | -- | -- | -- |
| | 9/30/2006 | 24.07 | 49.35 | 25.28 | 760 | 4.9 | 31 | 13 | 64 | <5.0 | -- | -- | -- | -- |
| | 3/16/2007 | -- | 49.35 | -- | 370 | <0.5 | 8.1 | 0.52 | 0.94 | <5.0 | -- | -- | -- | -- |
| | 9/14/2007 | 26.12 | 49.35 | 23.23 | 1,300 | 1.3 | 20 | 3 | 1.6 | <5.0 | -- | -- | -- | -- |
| | 12/14/2007 | 26.35 | 49.35 | 23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2008 | 22.65 | 49.35 | 26.7 | 520 | 1.4 | 11 | 3.9 | 5.6 | <5.0 | -- | -- | -- | -- |
| | 6/11/2008 | 25.23 | 49.35 | 24.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | 26.62 | 49.35 | 22.73 | 1,800 | 1.9 | 30 | 5 | 4 | <25 | -- | -- | -- | -- |
| | 12/13/2008 | 27.3 | 49.35 | 22.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/14/2009 | 21.8 | 49.35 | 27.55 | 950 | 3.1 | 42 | 36 | 180 | <5.0 | -- | -- | -- | -- |
| | 6/3/2009 | 24.83 | 49.35 | 24.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/7/2009 | 26.58 | 49.35 | 22.77 | 2,200 | 2.2 | 42 | 10 | 19 | <5.0 | -- | -- | -- | -- |
| | 3/15/2010 | 21.48 | 49.35 | 27.87 | 90 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-9** | 12/30/1998 | 23.98 | 48.77 | 24.79 | 25,000 | 23 | <10 | 180 | 620 | -- | -- | -- | -- | -- |
| | 3/13/1999 | 19.19 | 48.77 | 29.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/1999 | -- | 48.77 | -- | 27,000 | 35 | <20 | 600 | 920 | -- | -- | -- | -- | -- |
| | 9/29/1999 | 24.72 | 48.77 | 24.05 | 42,000 | 140 | 130 | 1,000 | 1,700 | -- | -- | -- | -- | -- |
| | 12/29/1999 | 25.32 | 48.77 | 23.45 | 1,100,000 | 1,200 | 1,300 | 4,300 | 8,700 | -- | -- | -- | -- | -- |
| | 3/18/2000 | 17.31 | 48.77 | 31.46 | 17,000 | 89 | 46 | 10 | 600 | -- | -- | -- | -- | -- |
| | 7/18/2000 | 22.94 | 48.77 | 25.83 | 12,000 | 39 | 8.2 | 540 | 760 | -- | -- | -- | -- | -- |
| | 9/26/2000 | 24.16 | 48.77 | 24.61 | 11,000 | 19 | <5 | 470 | 610 | -- | -- | -- | -- | -- |
| | 12/28/2000 | 24.48 | 48.77 | 24.29 | 22,000 | 100 | <100 | 610 | 770 | -- | -- | -- | -- | -- |
| | 3/20/2001 | -- | 48.77 | -- | 8,200 | 40 | <10 | 14 | 210 | <100 | -- | -- | -- | -- |
| | 3/30/2001 | 21.65 | 48.77 | 27.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/5/2001 | 25.23 | 48.77 | 23.54 | 77,000 | <100 | 110 | 780 | 850 | -- | -- | -- | -- | -- |
| | 3/28/2002 | 20.45 | 48.77 | 28.32 | 11,000 | 34 | 6.1 | 220 | 180 | -- | -- | -- | -- | -- |
| | 9/30/2002 | 24.66 | 48.77 | 24.11 | 34,000 | <125 | 140 | 240 | 370 | -- | -- | -- | -- | -- |
| | 3/31/2003 | 22.44 | 48.77 | 26.33 | 6,200 | <12.5 | <12.5 | 130 | 87 | -- | -- | -- | -- | -- |
| | 6/19/2003 | 22.87 | 48.77 | 25.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2003 | 25 | 48.77 | 23.77 | 9,700 | 52 | <25 | 160 | 87 | -- | -- | -- | -- | -- |
| | 2/10/2004 | 22.13 | 48.77 | 26.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/30/2004 | 24.55 | 48.77 | 24.22 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/14/2004 | 25.69 | 48.77 | 23.08 | 9,500 | 48 | <25 | 93 | <50 | -- | -- | -- | -- | -- |
| | 3/29/2006 | 16.74 | 48.77 | 32.03 | 6,200 | <0.5 | <0.5 | 57 | 11 | -- | -- | -- | -- | -- |
| | 6/24/2006 | 22.43 | 48.77 | 26.34 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2006 | 23.4 | 48.77 | 25.37 | 2,200 | 3.7 | 31 | 37 | 40 | <17 | -- | -- | -- | -- |
| | 12/11/2006 | 22.78 | 48.77 | 25.99 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/16/2007 | 21.76 | 48.77 | 27.01 | 3,200 | 2.2 | 37 | 18 | 2.9 | -- | -- | -- | -- | -- |
| | 9/14/2007 | 25.5 | 48.77 | 23.27 | 2,600 | 1.4 | 28 | 13 | 3.2 | <5.0 | -- | -- | -- | -- |
| | 12/14/2007 | 25.83 | 48.77 | 22.94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2008 | 22.08 | 48.77 | 26.69 | 2,800 | 2.3 | 32 | 12 | 5.3 | <5.0 | -- | -- | -- | -- |
| | 6/11/2008 | 24.61 | 48.77 | 24.16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | 26.04 | 48.77 | 22.73 | 3,800 | 2.5 | 40 | 6.1 | 2.8 | <100 | -- | -- | -- | -- |
| | 12/13/2008 | 26.74 | 48.77 | 22.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/14/2009 | 21.46 | 48.77 | 27.31 | 7,100 | 11 | 63 | 50 | 120 | <50 | -- | -- | -- | -- |
| | 6/3/2009 | 24.21 | 48.77 | 24.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/7/2009 | 26.03 | 48.77 | 22.74 | 3,600 | 4 | 34 | 18 | 22 | <5.0 | -- | -- | -- | -- |
| | 3/15/2010 | 20.91 | 48.77 | 27.86 | 2,900 | 1.1 | <1.0 | 11 | <1.0 | <1.0 | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-10** | 12/30/1998 | 25.15 | 49.93 | 24.78 | 6,900 | 130 | 19 | 140 | 210 | -- | -- | -- | -- | -- |
| | 3/13/1999 | 20.62 | 49.93 | 29.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/1999 | -- | 49.93 | -- | 6,600 | 150 | 33 | 240 | 170 | -- | -- | -- | -- | -- |
| | 9/29/1999 | 26.13 | 49.93 | 23.8 | 9,300 | 60 | 38 | 280 | 150 | -- | -- | -- | -- | -- |
| | 12/29/1999 | 26.7 | 49.93 | 23.23 | 5,800 | 87 | 10 | 420 | 180 | -- | -- | -- | -- | -- |
| | 3/18/2000 | 18.67 | 49.93 | 31.26 | 3,800 | 180 | 11 | 220 | 120 | -- | -- | -- | -- | -- |
| | 7/18/2000 | 24.38 | 49.93 | 25.55 | 9,100 | 120 | 33 | 210 | 130 | -- | -- | -- | -- | -- |
| | 9/26/2000 | 25.59 | 49.93 | 24.34 | 4,500 | 22 | 8.8 | 1.3 | 18 | -- | -- | -- | -- | -- |
| | 12/28/2000 | 25.9 | 49.93 | 24.03 | 3,900 | 55 | 13 | 98 | 38 | -- | -- | -- | -- | -- |
| | 3/30/2001 | 23.14 | 49.93 | 26.79 | 4,500 | 48 | 6 | <5 | 23 | 81 / <5.0 | -- | -- | -- | -- |
| | 10/5/2001 | 26.6 | 49.93 | 23.33 | 5,200 | 70 | 28 | 41 | 30 | -- | -- | -- | -- | -- |
| | 3/28/2002 | 21.87 | 49.93 | 28.06 | 7,400 | 45 | 20 | 210 | 66 | -- | -- | -- | -- | -- |
| | 9/30/2002 | 26.05 | 49.93 | 23.88 | 670 | 54 | 5.9 | 76 | 23 | -- | -- | -- | -- | -- |
| | 3/31/2003 | 23.87 | 49.93 | 26.06 | 5,700 | 31 | 38 | 67 | 27 | -- | -- | -- | -- | -- |
| | 6/19/2003 | 24.28 | 49.93 | 25.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2003 | 26.37 | 49.93 | 23.56 | 7,400 | 61 | <50 | <50 | <100 | -- | -- | -- | -- | -- |
| | 2/10/2004 | 23.54 | 49.93 | 26.39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/30/2004 | 25.71 | 49.93 | 24.22 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/14/2004 | 26.85 | 49.93 | 23.08 | 9,100 | 47 | <25 | 51 | <50 | -- | -- | -- | -- | -- |
| | 3/29/2006 | 20.18 | 49.93 | 29.75 | 6,800 | 140 | 18 | 270 | 160 | -- | -- | -- | -- | -- |
| | 6/24/2006 | 23.87 | 49.93 | 26.06 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2006 | 24.8 | 49.93 | 25.13 | 5,700 | 61 | 30 | 78 | 120 | <100 | -- | -- | -- | -- |
| | 3/16/2007 | 23.09 | 49.93 | 26.84 | 10,000 | 71 | 15 | 46 | 25 | <50 | -- | -- | -- | -- |
| | 9/14/2007 | 26.87 | 49.93 | 23.06 | 5,800 | 55 | 18 | 22 | 15 | <10 | -- | -- | -- | -- |
| | 12/14/2007 | 27.14 | 49.93 | 22.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2008 | 23.48 | 49.93 | 26.45 | 9,300 | 240 | 23 | 48 | 37 | <50 | -- | -- | -- | -- |
| | 6/11/2008 | 25.98 | 49.93 | 23.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | 27.38 | 49.93 | 22.55 | 8,400 | 120 | 12 | 18 | 16 | <250 | -- | -- | -- | -- |
| | 12/13/2008 | 28.04 | 49.93 | 21.89 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/14/2009 | 22.73 | 49.93 | 27.2 | 8,100 | 300 | 25 | 36 | 72 | <250 | -- | -- | -- | -- |
| | 12/7/2009 | 27.33 | 49.93 | 22.6 | 8,400 | 160 | 26 | 32 | 34 | <100 | -- | -- | -- | -- |
| | 3/15/2010 | 22.27 | 49.93 | 27.66 | 5,200 | 110 | 4.1 | 29 | 16 | <2.0 | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-11** | 12/30/1998 | 23.15 | 47.93 | 24.78 | 80 | <0.5 | <0.5 | 0.93 | 1.6 | -- | -- | -- | -- | -- |
| | 3/13/1999 | 18.37 | 47.93 | 29.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/1999 | -- | 47.93 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 9/29/1999 | 23.9 | 47.93 | 24.03 | 94 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 12/29/1999 | 24.5 | 47.93 | 23.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/18/2000 | 16.55 | 47.93 | 31.38 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 7/18/2000 | 22.12 | 47.93 | 25.81 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2000 | 23.35 | 47.93 | 24.58 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 12/28/2000 | 23.67 | 47.93 | 24.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/20/2001 | -- | 47.93 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 3/30/2001 | 20.9 | 47.93 | 27.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/5/2001 | 24.41 | 47.93 | 23.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/28/2002 | 19.62 | 47.93 | 28.31 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- | -- | -- | -- |
| | 9/30/2002 | 23.84 | 47.93 | 24.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/30/2006 | 22.58 | 47.93 | 25.35 | 160 | 1.8 | 12 | 7.6 | 40 | <5.0 | -- | -- | -- | -- |
| | 9/14/2007 | 24.72 | 47.93 | 25.21 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 12/14/2007 | 25 | 47.93 | 22.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/11/2008 | 23.81 | 47.93 | 24.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | 25.23 | 47.93 | 22.7 | 150 | 0.93 | 0.6 | 1.6 | 2.5 | <5.0 | -- | -- | -- | -- |
| | 12/13/2008 | 25.93 | 47.93 | 22 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/15/2010 | 20.10 | 47.93 | 27.83 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-12** | 12/30/1998 | 23.68 | 48.46 | 24.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/13/1999 | 18.9 | 48.46 | 29.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/29/1999 | 24.43 | 48.46 | 24.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/29/1999 | 25.03 | 48.46 | 23.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/18/2000 | 17.08 | 48.46 | 31.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/2000 | 22.65 | 48.46 | 25.81 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2000 | 23.88 | 48.46 | 24.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/28/2000 | 24.2 | 48.46 | 24.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/20/2001 | -- | 48.46 | -- | 4,100 | 28 | 6.2 | <5 | 16 | 90 / <5.0 | -- | -- | -- | -- |
| | 3/30/2001 | 21.43 | 48.46 | 27.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/29/2001 | -- | 48.46 | -- | 4,200 | 26 | 25 | 19 | 29 | -- | -- | -- | -- | -- |
| | 10/5/2001 | 24.94 | 48.46 | 23.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21/2001 | -- | 48.46 | -- | 5,300 | 9.7 | <2.5 | 41 | 14 | -- | -- | -- | -- | -- |
| | 3/28/2002 | 20.15 | 48.46 | 28.31 | 4,900 | 20 | <2.5 | 69 | 23 | -- | -- | -- | -- | -- |
| | 6/28/2002 | -- | 48.46 | -- | 2,600 | 29 | <12.5 | 30 | <25 | -- | -- | -- | -- | -- |
| | 9/30/2002 | 24.37 | 48.46 | 24.09 | 700 | 16 | 4.9 | 19 | 9.8 | -- | -- | -- | -- | -- |
| | 9/30/2006 | 22.58 | 48.46 | 26.18 | 2,100 | 6.2 | 15 | 16 | 38 | <10 | -- | -- | -- | -- |
| | 12/11/2006 | 23.88 | 48.46 | 24.88 | 5,500 | 13 | 24 | 16 | 23 | <17 | -- | -- | -- | -- |
| | 3/16/2007 | 21.77 | 48.46 | 26.99 | 4,900 | 11 | 24 | 16 | 8.5 | <50 | -- | -- | -- | -- |
| | 6/10/2007 | 24.06 | 48.46 | 24.7 | 2,600 | <2.5 | <2.5 | 13 | 9.5 | <25 | -- | -- | -- | -- |
| | 9/14/2007 | -- | 48.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/14/2007 | 25.77 | 48.46 | 22.99 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2008 | -- | 48.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/11/2008 | 24.6 | 48.46 | 23.86 | 6,200 | 11 | 21 | 26 | 8.1 | <50 | -- | -- | -- | -- |
| | 9/5/2008 | 25.97 | 48.46 | 22.49 | 5,000 | 7.3 | 15 | 12 | 5.9 | <25 | -- | -- | -- | -- |
| | 12/13/2008 | 26.66 | 48.46 | 21.8 | 4,400 | 7.6 | 19 | 12 | 9.4 | <25 | -- | -- | -- | -- |
| | 3/14/2009 | 21.36 | 48.46 | 27.1 | 6,800 | 16 | 19 | 20 | 60 | <50 | -- | -- | -- | -- |
| | 6/3/2009 | 24.2 | 48.46 | 24.26 | 6,400 | 6.5 | 24 | 25 | 6.1 | <50 | -- | -- | -- | -- |
| | 12/7/2009 | -- | 48.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/15/2010 | 20.89 | 48.46 | 27.57 | 5,100 | 5.0 | <2.0 | 15 | 4.3 | <2.0 | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-13** | 12/30/1998 | 24.73 | 49.51 | 24.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/13/1999 | 19.95 | 49.51 | 29.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/29/1999 | 25.48 | 49.51 | 24.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/29/1999 | 26.08 | 49.51 | 23.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/18/2000 | 18.13 | 49.51 | 31.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/2000 | 23.7 | 49.51 | 25.81 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2000 | 24.93 | 49.51 | 24.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/28/2000 | 25.25 | 49.51 | 24.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/20/2001 | -- | 49.51 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 3/30/2001 | 22.48 | 49.51 | 27.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/29/2001 | -- | 49.51 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 10/5/2001 | 25.99 | 49.51 | 23.52 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 12/21/2001 | -- | 49.51 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 3/28/2002 | 21.2 | 49.51 | 28.31 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- | -- | -- | -- |
| | 6/28/2002 | -- | 49.51 | -- | <50 | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- | -- | -- | -- |
| | 9/30/2002 | 25.42 | 49.51 | 24.09 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- | -- | -- | -- |
| | 12/21/2002 | -- | 49.51 | -- | <50 | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- | -- | -- | -- |
| | 9/30/2006 | 22.58 | 49.51 | 26.93 | 170 | 2.1 | 13 | 8.1 | 43 | <5.0 | -- | -- | -- | -- |
| | 12/11/2006 | 25.33 | 49.51 | 24.18 | 110 | 4.6 | 6.5 | 4.6 | 17 | <5.0 | -- | -- | -- | -- |
| | 3/16/2007 | 23 | 49.51 | 26.51 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 6/10/2007 | 25.5 | 49.51 | 24.01 | 54 | 0.8 | 0.84 | 1.3 | 5.4 | <5.0 | -- | -- | -- | -- |
| | 9/14/2007 | 26.85 | 49.51 | 22.66 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 12/14/2007 | 27.11 | 49.51 | 22.4 | <50 | 0.76 | <0.5 | 2.3 | 2.6 | <5.0 | -- | -- | -- | -- |
| | 3/12/2008 | 23.5 | 49.51 | 26.01 | <50 | <0.5 | <0.5 | 0.66 | 2.2 | <5.0 | -- | -- | -- | -- |
| | 6/11/2008 | 26.02 | 49.51 | 23.49 | 120 | 0.58 | 0.97 | 1.1 | 2 | <5.0 | -- | -- | -- | -- |
| | 9/5/2008 | 27.29 | 49.51 | 22.22 | 78 | <0.5 | 0.6 | 0.98 | 2.1 | <5.0 | -- | -- | -- | -- |
| | 12/13/2008 | 27.96 | 49.51 | 21.55 | 59 | 0.93 | <0.5 | 2.5 | 3.8 | <5.0 | -- | -- | -- | -- |
| | 3/14/2009 | 22.48 | 49.51 | 27.03 | 260 | 1.1 | 8.8 | 10 | 46 | <5.0 | -- | -- | -- | -- |
| | 6/3/2009 | 25.61 | 49.51 | 23.9 | <50 | <0.5 | <0.5 | 0.65 | 0.69 | <5.0 | -- | -- | -- | -- |
| | 12/7/2009 | 27.4 | 49.51 | 22.11 | 190 | 1.2 | 1.6 | 5.8 | 13 | <5.0 | -- | -- | -- | -- |
| | 3/15/2010 | 22.26 | 49.51 | 27.25 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-14** | 12/30/1998 | 24.76 | 49.54 | 24.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/13/1999 | 19.98 | 49.54 | 29.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/29/1999 | 25.51 | 49.54 | 24.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/29/1999 | 26.11 | 49.54 | 23.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/18/2000 | 18.16 | 49.54 | 31.38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/2000 | 23.73 | 49.54 | 25.81 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2000 | 24.96 | 49.54 | 24.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/28/2000 | 25.28 | 49.54 | 24.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/20/2001 | -- | 49.54 | -- | 200 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 3/30/2001 | 22.51 | 49.54 | 27.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/29/2001 | -- | 49.54 | -- | 660 | <0.5 | <0.5 | <0.5 | 4.6 | -- | -- | -- | -- | -- |
| | 10/5/2001 | 26.02 | 49.54 | 23.52 | 770 | 1.7 | 1.5 | 0.91 | 8.3 | -- | -- | -- | -- | -- |
| | 12/21/2001 | -- | 49.54 | -- | 1,500 | 3.1 | 13 | 1.9 | 22 | -- | -- | -- | -- | -- |
| | 3/28/2002 | 21.23 | 49.54 | 28.31 | 390 | 1.7 | <0.5 | <0.5 | 0.74 | -- | -- | -- | -- | -- |
| | 6/28/2002 | -- | 49.54 | -- | 120 | <0.5 | <0.5 | <0.5 | <1 | -- | -- | -- | -- | -- |
| | 9/30/2002 | 25.45 | 49.54 | 24.09 | 210 | <0.5 | 1.7 | <0.5 | 1.1 | -- | -- | -- | -- | -- |
| | 12/21/2002 | -- | 49.54 | -- | 53 | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- | -- | -- | -- |
| | 9/30/2006 | 22.58 | 49.54 | 26.96 | 210 | 2.5 | 15 | 9.1 | 48 | <5.0 | -- | -- | -- | -- |
| | 12/11/2006 | 24.9 | 49.54 | 24.64 | 190 | 6.7 | 9.9 | 5.4 | 19 | <5.0 | -- | -- | -- | -- |
| | 3/16/2007 | 22.67 | 49.54 | 26.87 | <50 | <0.5 | 1.1 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 6/10/2007 | 25.11 | 49.54 | 24.43 | 73 | 1.1 | 1.3 | 1.8 | 7.2 | <5.0 | -- | -- | -- | -- |
| | 9/14/2007 | 26.56 | 49.54 | 22.98 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 12/14/2007 | 26.8 | 49.54 | 22.74 | 69 | 1.1 | 0.57 | 3.5 | 4.5 | <5.0 | -- | -- | -- | -- |
| | 3/1/2008 | 23.03 | 49.54 | 26.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2008 | -- | 49.54 | -- | 110 | 0.61 | 1.2 | 1.2 | 3.6 | <5.0 | -- | -- | -- | -- |
| | 6/11/2008 | 25.69 | 49.54 | 23.85 | 52 | <0.5 | 0.68 | <0.5 | 1 | <5.0 | -- | -- | -- | -- |
| | 9/5/2008 | 27.04 | 49.54 | 22.5 | 95 | <0.5 | 1.3 | 0.61 | 2.3 | <5.0 | -- | -- | -- | -- |
| | 12/13/2008 | 27.72 | 49.54 | 21.82 | 220 | 1.5 | 4.3 | 3.2 | 5.1 | <5.0 | -- | -- | -- | -- |
| | 3/14/2009 | 22.22 | 49.54 | 27.32 | 360 | 1.4 | 12 | 13 | 61 | <5.0 | -- | -- | -- | -- |
| | 6/3/2009 | 25.3 | 49.54 | 24.24 | 68 | <0.5 | 1.9 | 0.81 | 1.1 | <5.0 | -- | -- | -- | -- |
| | 12/7/2009 | 27.1 | 49.54 | 22.44 | 220 | 1.3 | 2.7 | 6.9 | 15 | <5.0 | -- | -- | -- | -- |
| | 3/15/2010 | 21.94 | 49.54 | 27.60 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-1A** | 5/30/1997 | -- | 48.24 | -- | 12,000 | 18 | 8.7 | 90 | 540 | -- | -- | -- | -- | -- |
| | 12/30/1998 | 23.6 | 48.24 | 24.64 | 51 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 3/13/1999 | 18.85 | 48.24 | 29.39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/23/1999 | -- | 48.24 | -- | 1,800 | 4 | <0.5 | 3 | 7.5 | -- | -- | -- | -- | -- |
| | 3/23/1999 | -- | 48.24 | -- | 2,200 | 10 | 0.52 | 3.1 | 7.1 | -- | -- | -- | -- | -- |
| | 9/29/1999 | 24.35 | 48.24 | 23.89 | 13,000 | 63 | 26 | 30 | 72 | -- | -- | -- | -- | -- |
| | 12/29/1999 | 24.95 | 48.24 | 23.29 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/8/2000 | -- | 48.24 | -- | 6,100 | 36 | <5 | 9.7 | 45 | -- | -- | -- | -- | -- |
| | 3/18/2000 | 16.99 | 48.24 | 31.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/2000 | 22.6 | 48.24 | 25.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/26/2000 | 23.76 | 48.24 | 24.48 | 11,000 | 14 | <5 | 65 | 150 | -- | -- | -- | -- | -- |
| | 12/28/2000 | 24.11 | 48.24 | 24.13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/30/2001 | 21.22 | 48.24 | 27.02 | 4,800 | 30 | 6 | <5 | 7 | 51 / <5.0 | -- | -- | -- | -- |
| | 10/5/2001 | 24.86 | 48.24 | 23.38 | 15,000 | 76 | 41 | 36 | 140 | -- | -- | -- | -- | -- |
| | 3/28/2002 | 20.1 | 48.24 | 28.14 | 9,300 | 35 | <12.5 | 17 | 32 | -- | -- | -- | -- | -- |
| | 9/30/2002 | 24.28 | 48.24 | 23.96 | 23,000 | <50 | 63 | 77 | 230 | -- | -- | -- | -- | -- |
| | 9/30/2006 | 23.03 | 48.24 | 25.21 | 2,500 | 4.1 | 25 | 22 | 49 | <5.0 | -- | -- | -- | -- |
| | 3/16/2007 | -- | 48.24 | -- | 1,800 | 1.8 | 17 | 6.4 | 4.4 | <5.0 | -- | -- | -- | -- |
| | 9/14/2007 | 25.13 | 48.24 | 23.11 | 1,500 | 1.1 | 15 | 2.8 | 1.8 | <5.0 | -- | -- | -- | -- |
| | 12/14/2007 | 25.43 | 48.24 | 22.81 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/12/2008 | 21.75 | 48.24 | 26.49 | 1,200 | 2.1 | 12 | 5 | 3.6 | <5.0 | -- | -- | -- | -- |
| | 6/11/2008 | 24.24 | 48.24 | 24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | 25.62 | 48.24 | 22.62 | 1,900 | 2.4 | 14 | 10 | 5.4 | <5.0 | -- | -- | -- | -- |
| | 12/13/2008 | 26.33 | 48.24 | 21.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/14/2009 | 21.07 | 48.24 | 27.17 | 1,700 | 2.5 | 13 | 11 | 32 | <5.0 | -- | -- | -- | -- |
| | 3/15/2010 | 20.52 | 48.24 | 27.72 | 2,400 | <0.50 | <0.50 | 5.5 | 2.3 | <0.50 | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **141 Farrelly** | 4/6/1996 | -- | 48.76 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 10/2/1999 | -- | 48.76 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 3/18/2000 | 17.9 | 48.76 | 30.86 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 7/13/2000 | -- | 48.76 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 9/26/2000 | 24.66 | 48.76 | 24.1 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 12/29/2000 | -- | 48.76 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 [3] | <20 | <5.0 | <5.0 | <5.0 |
| | 3/20/2001 | -- | 48.76 | -- | -- | -- | -- | -- | -- | <5.0 [3] | <20 | <5.0 | <5.0 | <5.0 |
| | 3/30/2001 | 22.25 | 48.76 | 26.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/21/2001 | -- | 48.76 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- | -- | -- |
| | 9/30/2002 | 25.34 | 48.76 | 23.42 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- | -- | -- | -- |
| | 12/21/2002 | 20.07 | 48.76 | 28.69 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- | -- | -- | -- |
| | 6/19/2003 | 23.55 | 48.76 | 25.21 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- | -- | -- | -- |
| | 9/14/2004 | 26.12 | 48.76 | 22.64 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | -- | -- | -- | -- | -- |
| | 3/16/2007 | 22.28 | 48.76 | 26.48 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 9/14/2007 | 25.98 | 48.76 | 22.78 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 3/12/2008 | -- | 48.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/11/2008 | -- | 48.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 9/5/2008 | 26.48 | 48.76 | 22.28 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 12/13/2008 | 27.2 | 48.76 | 21.56 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 3/14/2009 | -- | 48.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 6/3/2009 | 25.83 | 48.76 | 22.93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- | -- | -- | -- |
| | 12/7/2009 | -- | 48.76 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 3/15/2010 | -- | 48.76 | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | -- | -- | -- | -- |

# TABLE 1
## GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

| Well Number | Date Collected | Depth to Water (feet) | Top of Casing Elevation (ft msl) | Grouwater Elevation (ft msl) | GRO[1] (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE [3,4] (µg/L) | TBA (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Legend/Key:**

line Range Organics C4-C13
Methyl tertiary butyl ether
= Tertiary butyl alcohol
= Di-isopropyl ether
Ethyl tertiary butyl ether
Tertiary amyl methyl ether
eet above mean sea level
= micrograms per liter
d, not analyzed, or not available

**Analytical Methods:**

GRO analyzed according to EPA Method 8015B

BTEX and MTBE analyzed according to EPA Method 8020/8021B prior to 2010

Beginning in 2010, BTEX, MTBE, TBA, DIPE, ETBE, and TAME analyzed by EPA Method 8260B

**Laboratory Qualifiers/Flags/Notes:**

[1] GRO reported as Total Petroleum Hydrocarbons as Gasoline (TPHg) prior to 2010

[2] This value may be inaccurate. *Second Quarter 1996 Environmental Activities Report,* dated August 8, 1996 by Environmental Testing & Management casts doubt on the validity of this laboratory result.

[3] When two MTBE results listed, the first is by EPA 8020/8021 and second is confirmation by 8260. If only one result, by 8260

[4] All MTBE results by EPA 8020, except where qualified by [3] and during 3/15/10 event when analyzed by 8260

c. Stratus has not reviewed laboratory reports and makes no representations regarding accuracy of these data.

**TABLE 2**
**WELL CONSTRUCTION DETAILS**
German Autocraft, 301 E. 14th Street, San Leandro, California

| Boring/Well I.D. | Date | Boring Depth (feet) | Boring Diameter (inches) | Well Diameter (inches) | Well Depth (feet) | Screen Interval (feet bgs) | Slot Size (inches) | Drilling Method | Consultant |
|---|---|---|---|---|---|---|---|---|---|
| ***Groundwater Monitoring Wells*** | | | | | | | | | |
| MW-1 | 12/17/91 | 45 | 8 | 2 | 45 | 25-45 | 0.02 | HSA | Environmental Const. Co. |
| MW-2 | 12/12/94 | 38 | 8 | 2 | 34 | 24-34 | 0.010 | HSA | Chemist Enterprises |
| MW-3 | 12/12/94 | 38 | 8 | 2 | 35.5 | 25.5-35.5 | 0.010 | HSA | Chemist Enterprises |
| MW-4 | 08/31/95 | 36.5 | 8 | 2 | 34 | 24-34 | 0.010 | HSA | Chemist Enterprises |
| MW-1A | 05/21/97 | 35 | 8 | 2 | 35 | 20-35 | 0.010 | HSA | ALLCAL Prop. Serv. Inc. |
| MW-5 | 08/28/98 | 31.5 | 8 | 2 | 30 | 20-30 | 0.020 | HSA | Env. Testing & Mgmt. |
| MW-6 | 08/27/98 | 36.5 | 8 | 2 | 35 | 20-35 | 0.020 | HSA | Env. Testing & Mgmt. |
| MW-8 | 08/27/98 | 31.5 | 8 | 2 | 30 | 20-30 | 0.020 | HSA | Env. Testing & Mgmt. |
| MW-9 | 08/31/98 | 36.5 | 8 | 2 | 35 | 20-35 | 0.020 | HSA | Env. Testing & Mgmt. |
| MW-10 | 08/28/98 | 41.5 | 8 | 2 | 40 | 20-40 | 0.020 | HSA | Env. Testing & Mgmt. |
| MW-11 | 08/28/98 | 36.5 | 8 | 2 | 35 | 20-35 | 0.020 | HSA | Env. Testing & Mgmt. |
| MW-12 | 01/30/01 | 39.5 | 8 | 2 | 38 | 23-38 | 0.020 | HSA | Env. Testing & Mgmt. |
| MW-13 | 01/30/01 | 39.5 | 8 | 2 | 38 | 23-38 | 0.020 | HSA | Env. Testing & Mgmt. |
| MW-14 | 01/31/01 | 31.5 | 8 | 2 | 30 | 20-30 | 0.020 | HSA | Env. Testing & Mgmt. |
| 141 Farrelly | Prior to 1949 | -- | -- | 6 | 65 | 25-65 | unknown | unknown | |
| ***Soil Borings*** | | | | | | | | | |
| B-1 | 12/11/90 | 35 | 8 | -- | -- | -- | -- | HSA | Environmental Const. Co. |
| B-2 | 12/10/90 | 35 | 8 | -- | -- | -- | -- | HSA | Environmental Const. Co. |
| B-3 | 12/10/90 | 35 | 8 | -- | -- | -- | -- | HSA | Environmental Const. Co. |
| CE-1 | 12/13/94 | 30 | 8 | -- | -- | -- | -- | HSA | Chemist Enterprises |
| CE-2 | 12/13/94 | 24.5 | 8 | -- | -- | -- | -- | HSA | Chemist Enterprises |
| ETM-1 | 11/28/95 | 37 | 1 | -- | -- | -- | -- | Geoprobe | Env. Testing & Mgmt. |
| ETM-2 | 11/28/95 | 30 | 1 | -- | -- | -- | -- | Geoprobe | Env. Testing & Mgmt. |
| ETM-5 | 11/28-29/95 | 27 | 1 | -- | -- | -- | -- | Geoprobe | Env. Testing & Mgmt. |
| ETM-6 | 11/29/95 | 29 | 1 | -- | -- | -- | -- | Geoprobe | Env. Testing & Mgmt. |
| ETM-6 | 11/29/95 | 28 | 1 | -- | -- | -- | -- | Geoprobe | Env. Testing & Mgmt. |
| ETM-10 | 11/30/95 | 27.3 | 1.5 | -- | -- | -- | -- | Pneumatic | Env. Testing & Mgmt. |
| ETM-11 | 11/30/95 | 27.3 | 1.5 | -- | -- | -- | -- | Pneumatic | Env. Testing & Mgmt. |
| ETM-17 | 03/25/96 | 30 | 1.5 | -- | -- | -- | -- | Pneumatic | Env. Testing & Mgmt. |
| ETM-19 | 03/25/96 | 30 | 1.5 | -- | -- | -- | -- | Pneumatic | Env. Testing & Mgmt. |
| ETM-21 | 03/26/96 | 24.5 | 1.5 | -- | -- | -- | -- | Pneumatic | Env. Testing & Mgmt. |
| ETM-22 | 03/26/96 | 24.5 | 1.5 | -- | -- | -- | -- | Pneumatic | Env. Testing & Mgmt. |

**TABLE 2**
**WELL CONSTRUCTION DETAILS**
German Autocraft, 301 E. 14th Street, San Leandro, California

| Boring/Well I.D. | Date | Boring Depth (feet) | Boring Diameter (inches) | Well Diameter (inches) | Well Depth (feet) | Screen Interval (feet bgs) | Slot Size (inches) | Drilling Method | Consultant |
|---|---|---|---|---|---|---|---|---|---|
| ***Soil Vapor Points*** | | | | | | | | | |
| SV-1 | 01/06/09 | 30 | 2 | 0.25 | 6.0 | 5.5-6.0 | -- | Stratoprobe | Groundwater Cleaners, Inc. |
| | | | | | 13.5 | 13.0-13.5 | -- | | |
| SV-2 | 01/06/09 | 30 | 2 | 0.25 | 6.0 | 5.5-6.0 | -- | Stratoprobe | Groundwater Cleaners, Inc. |
| | | | | | 13.0 | 12.5-13.0 | -- | | |
| SV-3 | 01/08/09 | 30 | 2 | 0.25 | 5.5 | 5.0-5.5 | -- | Stratoprobe | Groundwater Cleaners, Inc. |
| | | | | | 13.5 | 13.0-13.5 | -- | | |
| SV-4 | 01/08/09 | 14.5 | 2 | 0.25 | 5.25 | 4.75-5.25 | -- | Stratoprobe | Groundwater Cleaners, Inc. |
| | | | | | 14.5 | 14.0-14.5 | -- | | |
| SV-5 | 01/07/09 | 24 | 2 | 0.25 | 5.25 | 4.75-5.25 | -- | Stratoprobe | Groundwater Cleaners, Inc. |
| | | | | | 14.0 | 13.5-14.0 | -- | | |
| SV-6 | 01/07/09 | 35 | 2 | 0.25 | 5.5 | 5.0-5.5 | -- | Stratoprobe | Groundwater Cleaners, Inc. |
| | | | | | 12.0 | 11.5-12.0 | -- | | |
| SV-7 | 01/06/08 | 30 | 2 | 0.25 | 6.0 | 5.5-6.0 | -- | Stratoprobe | Groundwater Cleaners, Inc. |
| | | | | | 13.0 | 12.5-13.0 | -- | | |
| SV-8 | 01/08/09 | 14 | 2 | 0.25 | 5.25 | 4.75-5.25 | -- | Stratoprobe | Groundwater Cleaners, Inc. |
| | | | | | 14.0 | 13.5-14.0 | -- | | |

Notes:
HSA = hollow stem auger

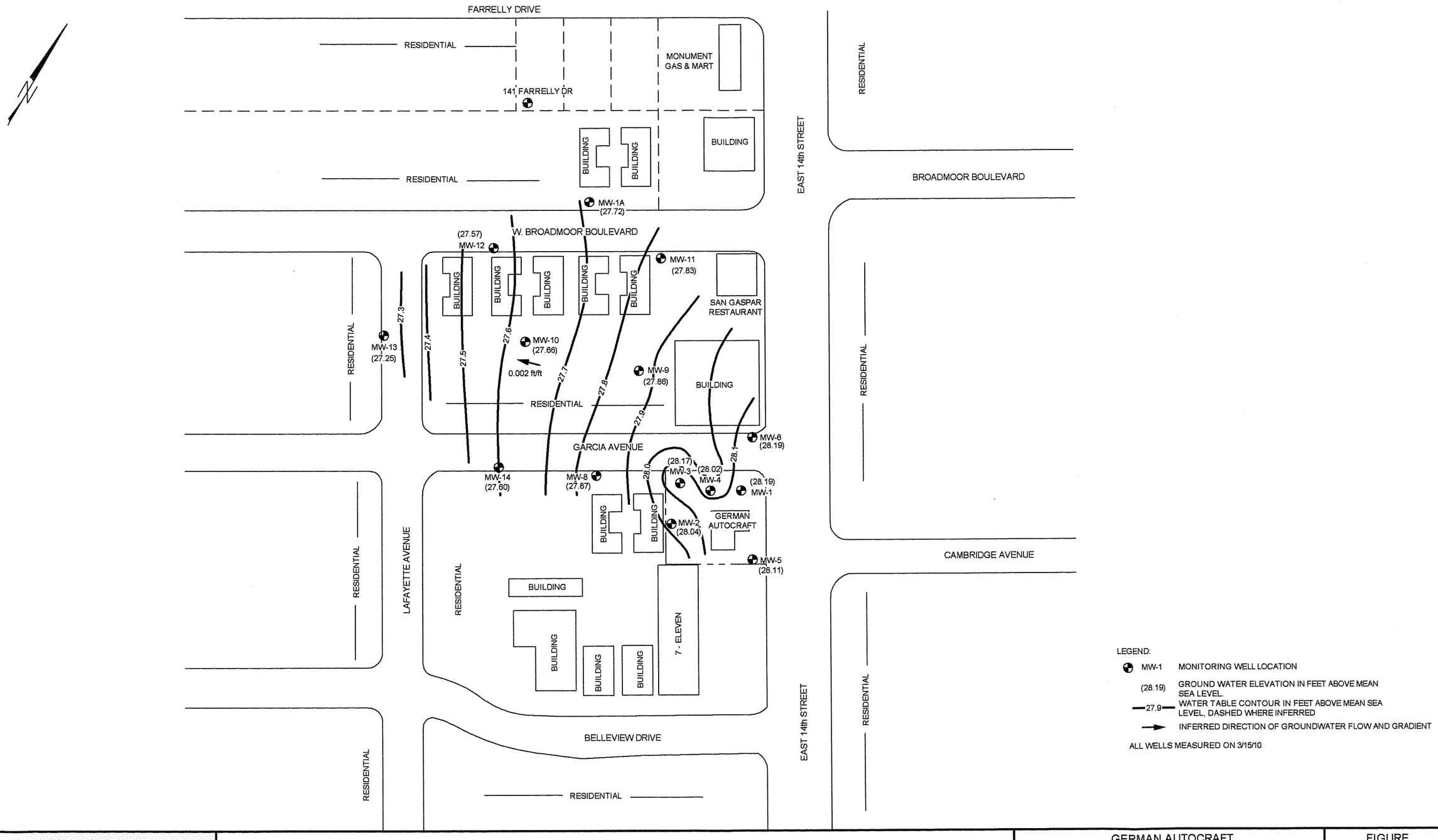

QUADRANGLE LOCATION

N

0 1,000 FT

APPROXIMATE SCALE

| | | |
|---|---|---|
| STRATUS ENVIRONMENTAL, INC. | GERMAN AUTOCRAFT<br>301 EAST 14th STREET<br>SAN LEANDRO, CALIFORNIA<br><br>SITE LOCATION MAP | FIGURE<br>1<br>PROJECT NO.<br>2076-0301-01 |




German Auto Quarterly JMP REV April 28, 2010 German Auto Quarterly

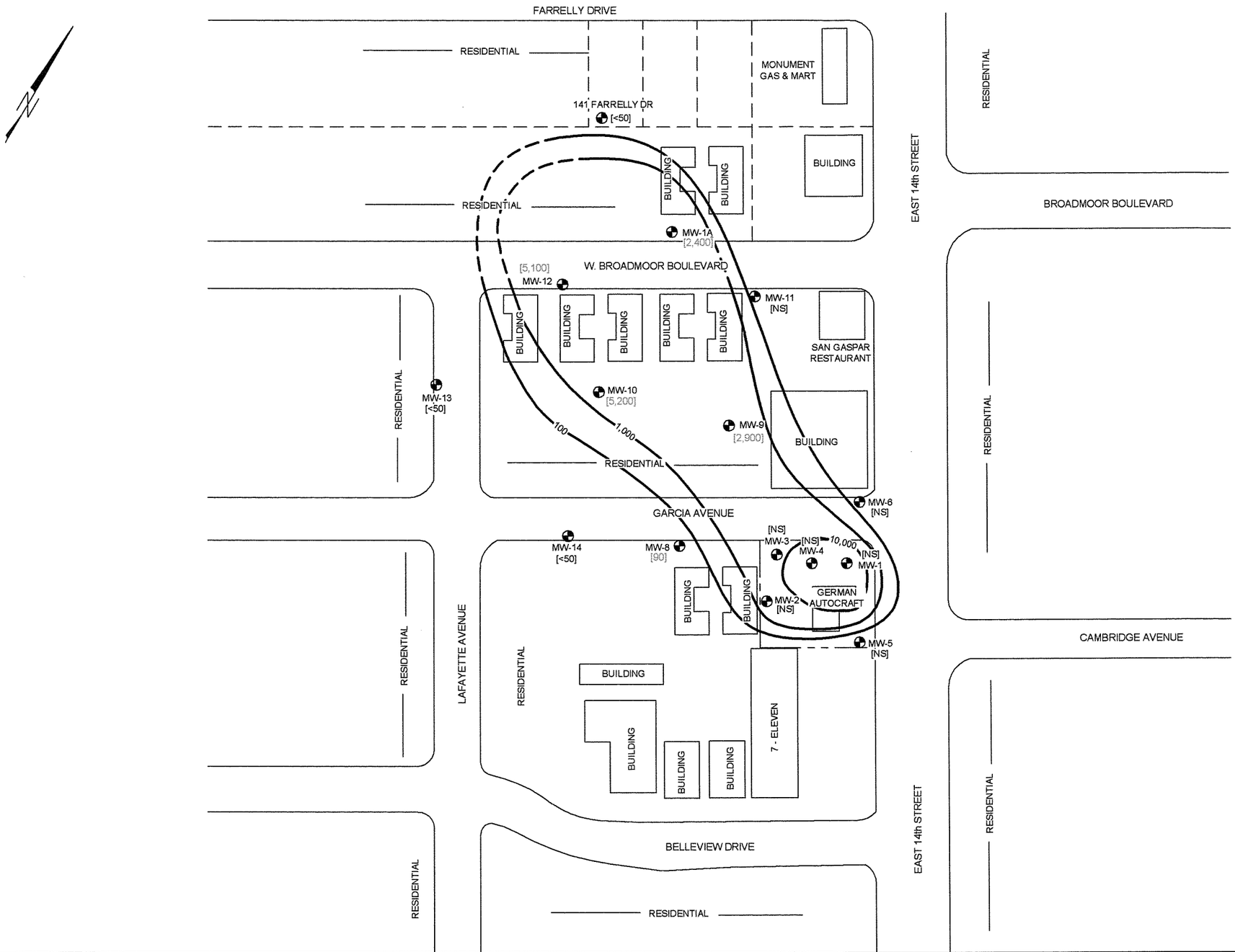
STRATUS ENVIRONMENTAL, INC.

GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
1st QUARTER 2010

FIGURE
2

PROJECT NO.
2076-0301-01




LEGEND:

| | |
|---|---|
| MW-1 | MONITORING WELL LOCATION |
| [<50] | GASOLINE RANGE ORGANICS (GRO) CONCENTRATION IN µg/L |
| 100 | ISO-CONCENTRATION CONTOUR LINE, DASHED WHERE APPROXIMATE |

ALL WELLS SAMPLED ON 3/15/10
GRO ANALYZED BY EPA METHOD 8015B
[NS] = NOT SAMPLED

ONSITE ISO-CONCENTRATION CONTOURS ESTIMATED USING LAST AVAILABLE SAMPLE RESULTS

German AutoQuarterly JNP REV April 28, 2010 German Auto Quarterly

STRATUS ENVIRONMENTAL, INC.

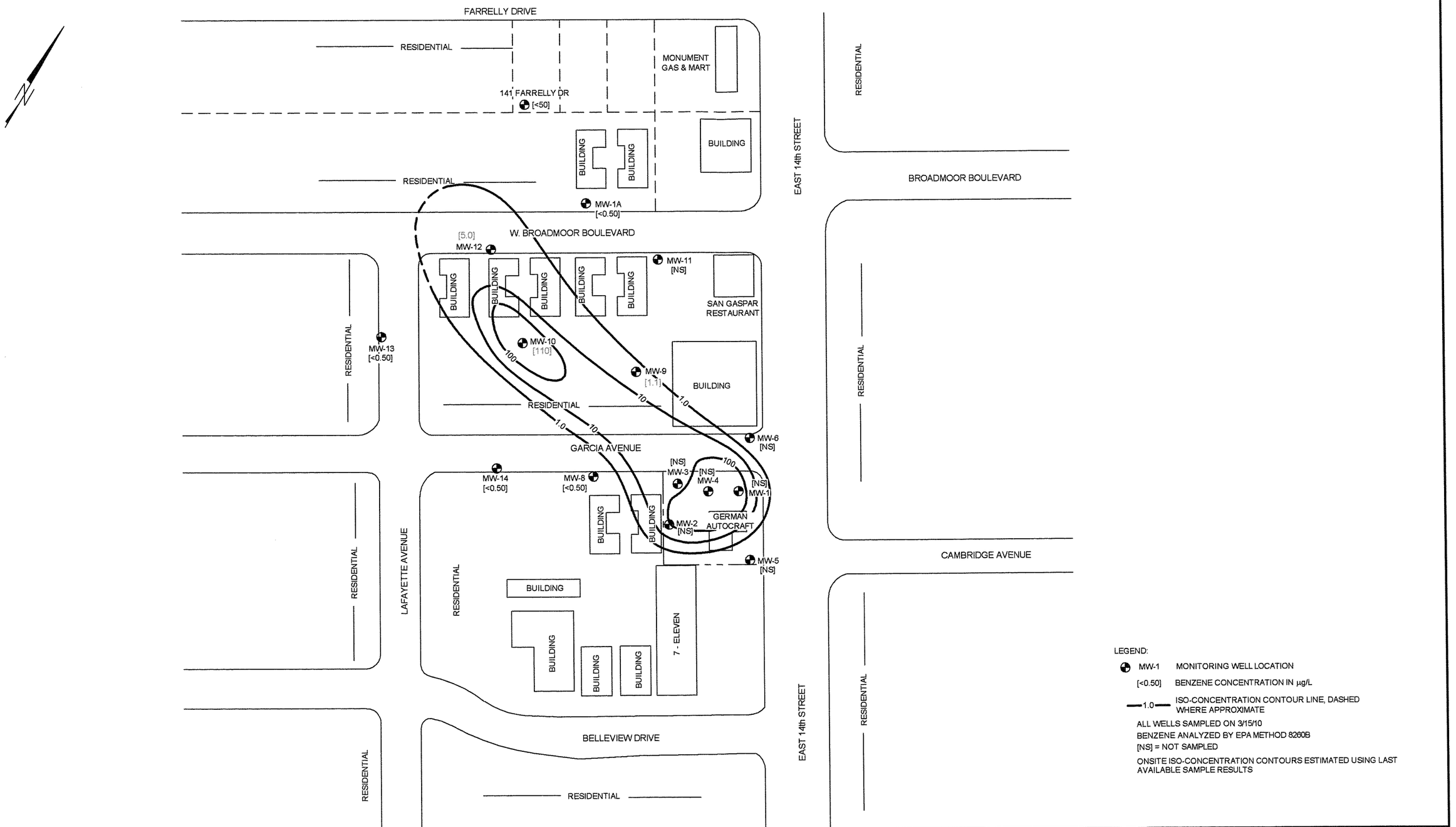
0 100 FT
SCALE

GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

GRO ISO-CONCENTRATION CONTOUR MAP
1st QUARTER 2010

FIGURE
3

PROJECT NO.
2076-0301-01




German Auto Quarterly April 28, 2010 REV JNP German Auto/Quarterly

STRATUS ENVIRONMENTAL, INC.

GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

BENZENE ISO-CONCENTRATION CONTOUR MAP
1st QUARTER 2010

FIGURE
4

PROJECT NO.
2076-0301-01

# APPENDIX A

# FIELD DATA SHEETS

STRATUS ENVIRONMENTAL, INC.

Site Address: 301 East 14th Street
City: San Leandro, CA
Sampled by: Levi Ford
Signature:

Site Number: German Autocraft
Project Number: 2076-0301-01
Project PM: Sarah Salcedo
DATE: 3/15/2010

| Water Level Data | | | | | Purge Volume Calculations | | | | | Purge Method | | | | Sample Record | | | Field Data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well ID | Time | Depth to Product (feet) | Depth to Water (feet) | Total Depth (feet) | Water column (feet) | Diameter (inches) | Multiplier | 3 casing volumes (gallons) | Actual water purged (gallons) | No Purge | Bailer | Pump | other | DTW at sample time (feet) | Sample I.D | Sample Time | DO (mg/L) |
| MW-1 | 0710 | | 21.21 | 44.92 | | 2 | 0.50 | | | | | | | | | | |
| -2 | 0742 | | 21.98 | 34.28 | | 2 | | | | | | | | | | | |
| -3 | 0735 | | 21.15 | 35.56 | | 2 | | | | | | | | | | | |
| -4 | 0728 | | 21.59 | 34.50 | | 2 | | | | | | | | | | | |
| -5 | 0718 | | 21.46 | 26.02 | | 2 | | | | | | | | | | | |
| -6 | 0700 | | 19.87 | 33.12 | | 2 | | | | | | | | | | | |
| -7 | | | | | | | | | | | | | | | | | |
| -8 | 0756 | | 21.48 | 29.51 | 8.03 | 2 | | 4.02 | 4.00 | | X | | | 21.57 | MW-8 | 1000 | 1.75 |
| -9 | 0836 | | 20.91 | 32.89 | 11.98 | 2 | | 5.99 | 6.00 | | X | | | 20.92 | -9 | 1100 | 0.79 |
| -10 | 0814 | | 22.27 | 38.19 | 15.92 | 2 | | 7.96 | 8.00 | | X | | | 22.27 | -10 | 1258 | 0.64 |
| -11 | 0827 | | 20.10 | 33.40 | | 2 | | | | | | | | | -11 | | |
| -12 | 1151 | | 20.89 | 37.92 | 17.03 | 2 | | 8.51 | 8.50 | | | | | 20.91 | -12 | 1225 | 0.63 |
| -13 | 0805 | | 22.26 | 37.27 | 15.01 | 2 | | 7.51 | 7.51 | | X | | | 22.29 | -13 | 1137 | 1.84 |
| -14 | 0800 | | 21.94 | 30.31 | 8.37 | 2 | | 4.12 | 4.25 | | X | | | 21.93 | -14 | 1031 | 2.23 |
| -1A | 0820 | | 20.52 | 33.25 | 12.73 | 2 | | 6.37 | 6.50 | | X | | | 20.52 | -1A | 1325 | 2.12 |
| 141 Farrell | 0903 | | | | | ? | NO Purge; | | Sample only | | | | | | 141 Farrell | 0915 | 1.17 |

Multiplier
2" = 0.5 3" = 1.0 4" = 2.0 6" = 4.4

Please refer to groundwater sampling field procedures
pH/Conductivity/temperature Meter - Oakton Model PC-10
DO Meter - Oakton 300 Series (DO is always measured before purge)

CALIBRATION DATE 3/5/2010
pH
Conductivity
DO

T:\Forms

SIKAIUS
ENVIRONMENTAL, INC.

Site Address 301 East 14th Street
City San Leandro
Site Sampled by LF

Site Number German Autocare
Project No. 2076-0301-01
Project PM Sarah Salcedo
Date Sampled 3/15/2010

ORIGINAL

| Well ID 141 Farrelly | | | | |
|---|---|---|---|---|
| purge start time 0910 | | | | |
| | Temp C | pH | cond | gallons |
| time 0910 | 16.1 | 6.39 | 302 | Ø |
| time | | | | |
| time | | | | |
| time | | | | |
| purge stop time 0910 | | ORP = 22 | | |

| Well ID MW-8 | | | | |
|---|---|---|---|---|
| purge start time 0947 | | | | |
| | Temp C | pH | cond | gallons |
| time 0947 | 18.5 | 6.20 | 232 | Ø |
| time 0951 | 18.9 | 5.95 | 228 | 2.0 |
| time 0955 | 18.9 | 5.83 | 236 | 3.0 |
| time 0958 | 18.8 | 5.84 | 239 | 4.0 |
| pugre stop time 0958 | | ORP = 3 | | |

| Well ID MW-14 | | | | |
|---|---|---|---|---|
| purge start time 1016 | | | | |
| | Temp C | pH | cond | gallons |
| time 1016 | 19.1 | 5.89 | 251 | Ø |
| time 1021 | 19.2 | 5.92 | 259 | 2.0 |
| time 1023 | 19.2 | 6.01 | 257 | 3.0 |
| time 1027 | 19.4 | 6.05 | 256 | 4.25 |
| purge stop time 1027 | | ORP = 16 | | |

| Well ID MW-9 | | | | |
|---|---|---|---|---|
| purge start time 1045 | | | | |
| | Temp C | pH | cond | gallons |
| time 1045 | 19.0 | 6.25 | 384 | Ø |
| time 1051 | 18.8 | 6.38 | 379 | 3.0 |
| time 1054 | 18.9 | 6.42 | 375 | 4.50 |
| time 1058 | 18.8 | 6.45 | 372 | 6.0 |
| purge stop time 1058 | | ORP = 9 | | |

| Well ID MW-13 | | | | |
|---|---|---|---|---|
| purge start time 1118 | | | | |
| | Temp C | pH | cond | gallons |
| time 1119 | 18.9 | 6.37 | 354 | Ø |
| time 1125 | 18.9 | 6.26 | 361 | 3.0 |
| time 1129 | 18.8 | 6.26 | 362 | 5.50 |
| time 1134 | 18.9 | 6.25 | 370 | 7.50 |
| purge stop time 1134 | | ORP = 24 | | |

| Well ID MW-12 | | | | |
|---|---|---|---|---|
| purge start time 1159 | | | | |
| | Temp C | pH | cond | gallons |
| time 1159 | 18.3 | 6.42 | 384 | Ø |
| time 1209 | 18.1 | 6.42 | 379 | 3.50 |
| time 1215 | 18.1 | 6.48 | 377 | 7.0 |
| time 1220 | 18.0 | 6.48 | 374 | 8.50 |
| purge stop time 1220 | | ORP = 18 | | |

| Well ID MW-10 | | | | |
|---|---|---|---|---|
| purge start time 1237 | | | | |
| | Temp C | pH | cond | gallons |
| time 1237 | 18.5 | 6.38 | 366 | Ø |
| time 1243 | 18.6 | 6.35 | 367 | 3.50 |
| time 1248 | 18.6 | 6.34 | 362 | 7.0 |
| time 1252 | 18.7 | 6.34 | 361 | 8.0 |
| purge stop time 1252 | | ORP = 1 | | |

| Well ID MW-1A | | | | |
|---|---|---|---|---|
| purge start time 1308 | | | | |
| | Temp C | pH | cond | gallons |
| time 1308 | 19.5 | 6.44 | 245 | Ø |
| time 1312 | 19.6 | 6.33 | 242 | 2.5 |
| time 1316 | 19.4 | 6.29 | 258 | 5.0 |
| time 1320 | 19.5 | 6.27 | 262 | 6.50 |
| purge stop time | | ORP = -5 | | |

# APPENDIX B

# SAMPLING AND ANALYSES PROCEDURES

# SAMPLING AND ANALYSES PROCEDURES

The sampling and analyses procedures as well as the quality assurance plan are contained in this appendix. The procedures and adherence to the quality assurance plan will provide for consistent and reproducible sampling methods; proper application of analytical methods; accurate and precise analytical results; and finally, these procedures will provide guidelines so that the overall objectives of the monitoring program are achieved.

## Ground Water and Liquid-Phase Petroleum Hydrocarbon Depth Assessment

A water/hydrocarbon interface probe is used to assess the liquid-phase petroleum hydrocarbon (LPH) thickness, if present, and a water level indicator is used to measure the ground water depth in monitoring wells that do not contain LPH. Depth to ground water or LPH is measured from a datum point at the top of each monitoring well casing. The datum point is typical a notch cut in the north side of the casing edge. If a water level indicator is used, the tip is subjectively analyzed for hydrocarbon sheen.

## Subjective Analysis of Ground Water

Prior to purging, a water sample is collected from the monitoring well for subjective assessment. The sample is retrieved by gently lowering a clean, disposable bailer to approximately one-half the bailer length past the air/liquid interface. The bailer is then retrieved, and the sample contained within the bailer is examined for floating LPH and the appearance of a LPH sheen.

## Monitoring Well Purging and Sampling

Monitoring wells are purged using a pump or bailer until pH, temperature, and conductivity of the purge water has stabilized and a minimum of three well volumes of water have been removed. If three well volumes can not be removed in one half hour's time, the well is allowed to recharge to 80% of original level. After recharging, a ground water sample is then removed from each of the wells using a disposable bailer.

A Teflon bailer, electric submersible or bladder pump will be the only equipment used for well sampling. When samples for volatile organic analysis are being collected, the pump flow will be regulated at approximately 100 milliliters per minute to minimize pump effluent turbulence and aeration. Glass bottles of at least 40-milliliters volume and fitted with Teflon-lined septa will be used in sampling for volatile organics. These bottles will be filled completely to prevent air from remaining in the bottle. A positive meniscus forms when the bottle is completely full. A convex Teflon septum will be placed over the positive meniscus to eliminate air. After the bottle is capped, it is inverted and tapped to verify that it contains no air bubbles. The sample containers for other parameters will be filled, filtered as required, and capped.

The water sample is collected, labeled, and handled according to the Quality Assurance Plan. Water generated during the monitoring event is disposed of accruing to regulatory accepted method pertaining to the site.

## QUALITY ASSURANCE PLAN

Procedures to provide data quality should be established and documented so that conditions adverse to quality, such as deficiencies, deviations, nonconforments, defective material, services, and/or equipment, can be promptly identified and corrected.

### General Sample Collection and Handling Procedures

Proper collection and handling are essential to ensure the quality of a sample. Each sample is collected in a suitable container, preserved correctly for the intended analysis, and stored prior to analysis for no longer than the maximum allowable holding time. Details on the procedures for collection and handling of samples used on this project can be found in this section.

### Soil and Water Sample Labeling and Preservation

Label information includes a unique sample identification number, job identification number, date, and time. After labeling all soil and water samples are placed in a Ziploc® type bag and placed in an ice chest cooled to approximately 4° Celsius. Upon arriving at Stratus' office the samples are transferred to a locked refrigerator cooled to approximately 4° Celsius. Chemical preservation is controlled by the required analysis and is noted on the chain-of-custody form. Trip blanks supplied by the laboratory accompany the groundwater sample containers and groundwater samples.

Upon recovery, the sample container is sealed to minimize the potential of volatilization and cross-contamination prior to chemical analysis. Soil sampling tubes are typically closed at each end with Teflon® sheeting and plastic caps. The sample is then placed in a Ziploc® type bag and sealed. The sample is labeled and refrigerated at approximately 4° Celsius for delivery, under strict chain-of-custody, to the analytical laboratory.

### Sample Identification and Chain-of-Custody Procedures

Sample identification and chain-of-custody procedures document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis has a label affixed to identify the job number, sampler, date and time of sample collection, and a sample number unique to that sample. This information, in addition to a description of the sample, field measurements made, sampling methodology, names of on-site personnel, and any other pertinent field observations, is recorded on the borehole log or in the field records. The samples are analyzed by a California-certified laboratory.

A chain-of-custody form is used to record possession of the sample from time of collection to its arrival at the laboratory. When the samples are shipped, the person in custody of them relinquishes the samples by signing the chain-of-custody form and

noting the time. The sample-control officer at the laboratory verifies sample integrity and confirms that the samples are collected in the proper containers, preserved correctly, and contain adequate volumes for analysis. These conditions are noted on a Laboratory Sample Receipt Checklist that becomes part of the laboratory report upon request.

If these conditions are met, each sample is assigned a unique log number for identification throughout analysis and reporting. The log number is recorded on the chain-of-custody form and in the legally-required log book maintained by the laboratory. The sample description, date received, client's name, and other relevant information is also recorded.

## Equipment Cleaning

Sample bottles, caps, and septa used in sampling for volatile and semivolatile organics will be triple rinsed with high-purity deionized water. After being rinsed, sample bottles will be dried overnight at a temperature of 200°C. Sample caps and septa will be dried overnight at a temperature of 60°C. Sample bottles, caps, and septa will be protected from solvent contact between drying and actual use at the sampling site. Sampling containers will be used only once and discarded after analysis is complete.

Plastic bottles and caps used in sampling for metals will be soaked overnight in a 1-percent nitric acid solution. Next, the bottles and caps will be triple rinsed with deionized water. Finally, the bottles and caps will be air dried before being used at the site. Plastic bottles and caps will be constructed of linear polyethylene or polypropylene. Sampling containers will be used only once and discarded after analysis is complete. Glass and plastic bottles used by Stratus to collect groundwater samples are supplied by the laboratory.

Before the sampling event is started, equipment that will be placed in the well or will come in contact with groundwater will be disassembled and cleaned thoroughly with detergent water, and then steam cleaned with deionized water. Any parts that may absorb contaminants, such as plastic pump valves, etc. will be cleaned as described above or replaced.

During field sampling, equipment surfaces that are placed in the well or contact groundwater will be steam cleaned with deionized water before the next well is purged or sampled. Equipment blanks will be collected and analyzed from non-disposable sampling equipment that is used for collecting groundwater samples at the rate of one blank per twenty samples collected.

## Internal Quality Assurance Checks

Internal quality assurance procedures are designed to provide reliability of monitoring and measurement of data. Both field and laboratory quality assurance checks are necessary to evaluate the reliability of sampling and analysis results. Internal quality assurance procedures generally include:

- Laboratory Quality Assurance

- Documentation of instrument performance checks
- Documentation of instrument calibration
- Documentation of the traceability of instrument standards, samples, and data
- Documentation of analytical and QC methodology (QC methodology includes use of spiked samples, duplicate samples, split samples, use of reference blanks, and check standards to check method accuracy and precision)

- Field Quality Assurance

- Documentation of sample preservation and transportation
- Documentation of field instrument calibration and irregularities in performance

Internal laboratory quality assurance checks will be the responsibility of the contract laboratories. Data and reports submitted by field personnel and the contract laboratory will be reviewed and maintained in the project files.

**Types of Quality Control Checks**

Samples are analyzed using analytical methods outlined in EPA Manual SW 846 and approved by the California Regional Water Quality Control Board-Central Valley Region in the Leaking Underground Fuel Tanks (LUFT) manual and appendices. Standard contract laboratory quality control may include analysis or use of the following:

- Method blanks – reagent water used to prepare calibration standards, spike solutions, etc. is analyzed in the same manner as the sample to demonstrate that analytical interferences are under control.
- Matrix spiked samples – a known amount of spike solution containing selected constituents is added to the sample at concentrations at which the accuracy of the analytical method is to satisfactorily monitor and evaluate laboratory data quality.
- Split samples – a sample is split into two separate aliquots before analysis to assess the reproducibility of the analysis.
- Surrogate samples – samples are spiked with surrogate constituents at known concentrations to monitor both the performance of the analytical system and the effectiveness of the method in dealing with the sample matrix.
- Control charts – graphical presentation of spike or split sample results used to track the accuracy or precision of the analysis.
- Quality control check samples – when spiked sample analysis indicates atypical instrument performance, a quality check sample, which is prepared independently of the calibration standards and contains the constituents of interest, is analyzed to confirm that measurements were performed accurately.

- Calibration standards and devices – traceable standards or devices to set instrument response so that sample analysis results represent the absolute concentration of the constituent.

Field QA samples will be collected to assess sample handling procedures and conditions. Standard field quality control may include the use of the following, and will be collected and analyzed as outlined in EPA Manual SW 846.

- Field blanks – reagent water samples are prepared at the sampling location by the same procedure used to collect field groundwater samples and analyzed with the groundwater samples to assess the impact of sampling techniques on data quality. Typically, one field blank per twenty groundwater samples collected will be analyzed per sampling event.
- Field replicates – duplicate or triplicate samples are collected and analyzed to assess the reproducibility of the analytical data. One replicate groundwater sample per twenty samples collected will be analyzed per sampling event, unless otherwise specified. Triplicate samples will be collected only when specific conditions warrant and generally are sent to an alternate laboratory to confirm the accuracy of the routinely used laboratory.
- Trip blanks – reagent water samples are prepared before field work, transported and stored with the samples and analyzed to assess the impact of sample transport and storage for data quality. In the event that any analyte is detected in the field blank, a trip blank will be included in the subsequent groundwater sampling event.

Data reliability will be evaluated by the certified laboratory and reported on a cover sheet attached to the laboratory data report. Analytical data resulting from the testing of field or trip blanks will be included in the laboratory's report. Results from matrix spike, surrogate, and method blank testing will be reported, along with a statement of whether the samples were analyzed within the appropriate holding time.

Stratus will evaluate the laboratory's report on data reliability and note significant QC results that may make the data biased or unacceptable. Data viability will be performed as outlined in EPA Manual SW 846. If biased or unacceptable data is noted, corrective actions (including re-sample/re-analyze, etc.) will be evaluated on a site-specific basis.

# APPENDIX C

# LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183




## ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Allan Dudding
Phone: (916) 837-1688
Fax: (530) 676-6005
Date Received : 03/16/10



Job: 2076-0301-01/German Autocraft

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B
Volatile Organic Compounds (VOCs) EPA Method SW8260B

| | | Parameter | Concentration | | Reporting Limit | Date Extracted | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Client ID : | **MW-8** | | | | | | |
| Lab ID : | STR10031641-01A | TPH-P (GRO) | 90 | | 50 µg/L | 03/17/10 | 03/17/10 |
| Date Sampled | 03/15/10 10:00 | Methyl tert-butyl ether (MTBE) | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Benzene | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Toluene | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Ethylbenzene | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | m,p-Xylene | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | o-Xylene | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |
| Client ID : | **MW-9** | | | | | | |
| Lab ID : | STR10031641-02A | TPH-P (GRO) | 2,900 | | 200 µg/L | 03/17/10 | 03/17/10 |
| Date Sampled | 03/15/10 11:00 | Methyl tert-butyl ether (MTBE) | ND | V | 1.0 µg/L | 03/17/10 | 03/17/10 |
| | | Benzene | 1.1 | | 1.0 µg/L | 03/17/10 | 03/17/10 |
| | | Toluene | ND | V | 1.0 µg/L | 03/17/10 | 03/17/10 |
| | | Ethylbenzene | 11 | | 1.0 µg/L | 03/17/10 | 03/17/10 |
| | | m,p-Xylene | ND | V | 1.0 µg/L | 03/17/10 | 03/17/10 |
| | | o-Xylene | ND | V | 1.0 µg/L | 03/17/10 | 03/17/10 |
| Client ID : | **MW-10** | | | | | | |
| Lab ID : | STR10031641-03A | TPH-P (GRO) | 5,200 | | 400 µg/L | 03/17/10 | 03/17/10 |
| Date Sampled | 03/15/10 12:58 | Methyl tert-butyl ether (MTBE) | ND | V | 2.0 µg/L | 03/17/10 | 03/17/10 |
| | | Benzene | 110 | | 2.0 µg/L | 03/17/10 | 03/17/10 |
| | | Toluene | 4.1 | | 2.0 µg/L | 03/17/10 | 03/17/10 |
| | | Ethylbenzene | 29 | | 2.0 µg/L | 03/17/10 | 03/17/10 |
| | | m,p-Xylene | 16 | | 2.0 µg/L | 03/17/10 | 03/17/10 |
| | | o-Xylene | ND | V | 2.0 µg/L | 03/17/10 | 03/17/10 |
| Client ID : | **MW-12** | | | | | | |
| Lab ID : | STR10031641-04A | TPH-P (GRO) | 5,100 | | 400 µg/L | 03/17/10 | 03/17/10 |
| Date Sampled | 03/15/10 12:25 | Methyl tert-butyl ether (MTBE) | ND | V | 2.0 µg/L | 03/17/10 | 03/17/10 |
| | | Benzene | 5.0 | | 2.0 µg/L | 03/17/10 | 03/17/10 |
| | | Toluene | ND | V | 2.0 µg/L | 03/17/10 | 03/17/10 |
| | | Ethylbenzene | 15 | | 2.0 µg/L | 03/17/10 | 03/17/10 |
| | | m,p-Xylene | 4.3 | | 2.0 µg/L | 03/17/10 | 03/17/10 |
| | | o-Xylene | ND | V | 2.0 µg/L | 03/17/10 | 03/17/10 |
| Client ID : | **MW-13** | | | | | | |
| Lab ID : | STR10031641-05A | TPH-P (GRO) | ND | | 50 µg/L | 03/17/10 | 03/17/10 |
| Date Sampled | 03/15/10 11:37 | Methyl tert-butyl ether (MTBE) | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Benzene | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Toluene | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Ethylbenzene | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | m,p-Xylene | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | o-Xylene | ND | | 0.50 µg/L | 03/17/10 | 03/17/10 |

# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183


| | | | | | | |
|---|---|---|---|---|---|---|
| Client ID : | **MW-14** | | | | | |
| Lab ID : | STR10031641-06A | TPH-P (GRO) | ND | 50 µg/L | 03/17/10 | 03/17/10 |
| Date Sampled | 03/15/10 10:31 | Methyl tert-butyl ether (MTBE) | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Benzene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Toluene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Ethylbenzene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | m,p-Xylene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | o-Xylene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| Client ID : | **MW-1A** | | | | | |
| Lab ID : | STR10031641-07A | TPH-P (GRO) | 2,400 | 100 µg/L | 03/17/10 | 03/17/10 |
| Date Sampled | 03/15/10 13:25 | Methyl tert-butyl ether (MTBE) | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Benzene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Toluene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Ethylbenzene | 5.5 | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | m,p-Xylene | 2.3 | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | o-Xylene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| Client ID : | **141 Farrelly** | | | | | |
| Lab ID : | STR10031641-08A | TPH-P (GRO) | ND | 50 µg/L | 03/17/10 | 03/17/10 |
| Date Sampled | 03/15/10 09:15 | Methyl tert-butyl ether (MTBE) | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Benzene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Toluene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | Ethylbenzene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | m,p-Xylene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |
| | | o-Xylene | ND | 0.50 µg/L | 03/17/10 | 03/17/10 |

Gasoline Range Organics (GRO) C4-C13

V = Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Reported in micrograms per Liter, per client request.

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / Carson, CA • (310) 803-7761 / info@alpha-analytical.com


Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

**3/23/10**
**Report Date**

*Alpha Analytical, Inc.*

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

# VOC Sample Preservation Report

**Work Order:** STR10031641 **Job:** 2076-0301-01/German Autocraft

| Alpha's Sample ID | Client's Sample ID | Matrix | pH |
|---|---|---|---|
| 10031641-01A | MW-8 | Aqueous | 2 |
| 10031641-02A | MW-9 | Aqueous | 2 |
| 10031641-03A | MW-10 | Aqueous | 2 |
| 10031641-04A | MW-12 | Aqueous | 2 |
| 10031641-05A | MW-13 | Aqueous | 2 |
| 10031641-06A | MW-14 | Aqueous | 2 |
| 10031641-07A | MW-1A | Aqueous | 2 |
| 10031641-08A | 141 Farrelly | Aqueous | 2 |

**3/23/10**

**Report Date**

# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183


**Date:** 23-Mar-10

## QC Summary Report

**Work Order:** 10031641

### Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: **10031704.D** Batch ID: **MS09W0317B** Analysis Date: **03/17/2010 14:20**

Sample ID: **MBLK MS09W0317B** Units : **µg/L** Run ID: **MSD_09_100317A** Prep Date: **03/17/2010 14:20**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | ND | 50 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 10.5 | | 10 | | 105 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.53 | | 10 | | 95 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.87 | | 10 | | 99 | 70 | 130 | | | |

### Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: **10031702.D** Batch ID: **MS09W0317B** Analysis Date: **03/17/2010 13:36**

Sample ID: **GLCS MS09W0317B** Units : **µg/L** Run ID: **MSD_09_100317A** Prep Date: **03/17/2010 13:36**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 447 | 50 | 400 | | 112 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 11 | | 10 | | 110 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.32 | | 10 | | 93 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.73 | | 10 | | 97 | 70 | 130 | | | |

### Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: **10031713.D** Batch ID: **MS09W0317B** Analysis Date: **03/17/2010 17:46**

Sample ID: **10031273-04AGS** Units : **µg/L** Run ID: **MSD_09_100317A** Prep Date: **03/17/2010 17:46**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 1860 | 250 | 2000 | 0 | 93 | 58 | 135 | | | |
| Surr: 1,2-Dichloroethane-d4 | 51.4 | | 50 | | 103 | 70 | 130 | | | |
| Surr: Toluene-d8 | 47.6 | | 50 | | 95 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 50.4 | | 50 | | 101 | 70 | 130 | | | |

### Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: **10031714.D** Batch ID: **MS09W0317B** Analysis Date: **03/17/2010 18:09**

Sample ID: **10031273-04AGSD** Units : **µg/L** Run ID: **MSD_09_100317A** Prep Date: **03/17/2010 18:09**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 2000 | 250 | 2000 | 0 | 99.9 | 58 | 135 | 1859 | 7.2(20) | |
| Surr: 1,2-Dichloroethane-d4 | 51.1 | | 50 | | 102 | 70 | 130 | | | |
| Surr: Toluene-d8 | 47.9 | | 50 | | 96 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 49.7 | | 50 | | 99 | 70 | 130 | | | |

**Comments:**

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Reported in micrograms per Liter, per client request.

# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183


**Date:** 23-Mar-10

## QC Summary Report

**Work Order:** 10031641

### Method Blank

Type **MBLK** Test Code: **EPA Method SW8260B**

File ID: **10031704.D** Batch ID: **MS09W0317A** Analysis Date: **03/17/2010 14:20**

Sample ID: **MBLK MS09W0317A** Units : **µg/L** Run ID: **MSD_09_100317A** Prep Date: **03/17/2010 14:20**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether (MTBE) | ND | 0.5 | | | | | | | | |
| Benzene | ND | 0.5 | | | | | | | | |
| Toluene | ND | 0.5 | | | | | | | | |
| Ethylbenzene | ND | 0.5 | | | | | | | | |
| m,p-Xylene | ND | 0.5 | | | | | | | | |
| o-Xylene | ND | 0.5 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 10.5 | | 10 | | 105 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.53 | | 10 | | 95 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.87 | | 10 | | 99 | 70 | 130 | | | |

### Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8260B**

File ID: **10031703.D** Batch ID: **MS09W0317A** Analysis Date: **03/17/2010 13:58**

Sample ID: **LCS MS09W0317A** Units : **µg/L** Run ID: **MSD_09_100317A** Prep Date: **03/17/2010 13:58**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether (MTBE) | 10.4 | 0.5 | 10 | | 104 | 62 | 136 | | | |
| Benzene | 9.83 | 0.5 | 10 | | 98 | 70 | 130 | | | |
| Toluene | 9.27 | 0.5 | 10 | | 93 | 80 | 120 | | | |
| Ethylbenzene | 9.92 | 0.5 | 10 | | 99 | 80 | 120 | | | |
| m,p-Xylene | 9.47 | 0.5 | 10 | | 95 | 70 | 130 | | | |
| o-Xylene | 9.65 | 0.5 | 10 | | 97 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 10.4 | | 10 | | 104 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.49 | | 10 | | 95 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.58 | | 10 | | 96 | 70 | 130 | | | |

### Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8260B**

File ID: **10031711.D** Batch ID: **MS09W0317A** Analysis Date: **03/17/2010 16:59**

Sample ID: **10031273-04AMS** Units : **µg/L** Run ID: **MSD_09_100317A** Prep Date: **03/17/2010 16:59**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether (MTBE) | 47.7 | 1.3 | 50 | 0 | 95 | 56 | 141 | | | |
| Benzene | 46.9 | 1.3 | 50 | 0 | 94 | 67 | 130 | | | |
| Toluene | 41.9 | 1.3 | 50 | 0 | 84 | 66 | 130 | | | |
| Ethylbenzene | 47.4 | 1.3 | 50 | 0 | 95 | 68 | 130 | | | |
| m,p-Xylene | 44.2 | 1.3 | 50 | 0 | 88 | 64 | 130 | | | |
| o-Xylene | 45.7 | 1.3 | 50 | 0 | 91 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 54.7 | | 50 | | 109 | 70 | 130 | | | |
| Surr: Toluene-d8 | 45.8 | | 50 | | 92 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 47.8 | | 50 | | 96 | 70 | 130 | | | |

### Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8260B**

File ID: **10031712.D** Batch ID: **MS09W0317A** Analysis Date: **03/17/2010 17:23**

Sample ID: **10031273-04AMSD** Units : **µg/L** Run ID: **MSD_09_100317A** Prep Date: **03/17/2010 17:23**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether (MTBE) | 47.4 | 1.3 | 50 | 0 | 95 | 56 | 141 | 47.67 | 0.6(20) | |
| Benzene | 47.2 | 1.3 | 50 | 0 | 94 | 67 | 130 | 46.88 | 0.6(20) | |
| Toluene | 43.7 | 1.3 | 50 | 0 | 87 | 66 | 130 | 41.89 | 4.2(20) | |
| Ethylbenzene | 49.1 | 1.3 | 50 | 0 | 98 | 68 | 130 | 47.38 | 3.5(20) | |
| m,p-Xylene | 48.3 | 1.3 | 50 | 0 | 97 | 64 | 130 | 44.16 | 8.9(20) | |
| o-Xylene | 49.7 | 1.3 | 50 | 0 | 99 | 70 | 130 | 45.68 | 8.5(20) | |
| Surr: 1,2-Dichloroethane-d4 | 52.2 | | 50 | | 104 | 70 | 130 | | | |
| Surr: Toluene-d8 | 46.9 | | 50 | | 94 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 45.3 | | 50 | | 91 | 70 | 130 | | | |

**Comments:**

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

# Alpha Analytical, Inc.

Phone : (775) 355-1044 FAX : (775) 355-0406

## Sample Receipt Checklist

Date Report is due to Client : **3/24/2010** Date of Notice : **3/16/2010 9:44:54 A**

**Please take note of any NO check marks. If we receive no response concerning these items within 24 hours of the date of this notice, all of the samples will be analyzed as requested.**

Client Name: **Stratus Environmental**
Project ID : **2076-0301-01/German Autocraft**
Project Manager: **Allan Dudding**
Client's EMail: **adudding@struatusinc.net**
Client's Phone: **(916) 837-1688** Client's FAX: **(530) 676-6005**
Work Order Number: **STR10031641** Date Received: **3/16/2010** Received by: Tara Dickinson

### Chain of Custody (COC) Information

Carrier name FedEx

| | | | |
|---|---|---|---|
| Chain of custody present ? | Yes ☑ | No ☐ | |
| Custody seals intact on shippping container/cooler ? | Yes ☑ | No ☐ | Not Present ☐ |
| Custody seals intact on sample bottles ? | Yes ☐ | No ☐ | Not Present ☑ |
| Chain of custody signed when relinquished and received ? | Yes ☑ | No ☐ | |
| Chain of custody agrees with sample labels ? | Yes ☑ | No ☐ | |
| Sample ID noted by Client on COC ? | Yes ☑ | No ☐ | |
| Date and time of collection noted by Client on COC ? | Yes ☑ | No ☐ | |
| Samplers's name noted on COC ? | Yes ☑ | No ☐ | |
| Internal Chain of Custody (COC) requested ? | Yes ☐ | No ☑ | |
| Sub Contract Lab Used : | None ☑ | See Comments ☐ | |

### Sample Receipt Information

| | | | |
|---|---|---|---|
| Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| Sample containers intact? | Yes ☑ | No ☐ | |
| Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |

### Sample Preservation and Hold Time (HT) Information

| | | | | |
|---|---|---|---|---|
| All samples received within holding time? | Yes ☑ | No ☐ | | Cooler Temperature |
| Container/Temp Blank temperature in compliance (0-6°C)? | Yes ☑ | No ☐ | | 4 °C |
| Water - VOA vials have zero headspace / no bubbles? | Yes ☑ | No ☐ | N/A ☐ | No VOA vials submitted ☐ |
| Sample labels checked for correct preservation? | Yes ☑ | No ☐ | | |
| TOC Water - pH acceptable upon receipt (H2SO4 pH<2)? | Yes ☐ | No ☐ | N/A ☑ | |

### Analytical Requirement Information

| | | | |
|---|---|---|---|
| Are non-Standard or Modified methods requested ? | Yes ☐ | No ☑ | |
| Are there client specific Project requirements ? | Yes ☐ | No ☑ | If YES : see the Chain of Custody (COC) |

Comments :

**Billing Information:**

Name Stratus Environmental
Address 3330 Cameron Park Dr. #550
City, State, Zip Cameron Park, CA, 95682
Phone Number 530 676 2064 Fax 530 676 6005

**Alpha Analytical, Inc.**
255 Glendale Avenue, Suite 21
Sparks, Nevada 89431-5778
Phone (775) 355-1044
Fax (775) 355-0406

**Samples Collected From Which State?** AZ ___ CA X NV ___ WA ___ ID ___ OR ___ OTHER ___

27995

Page # 1 of 1

| Client Name | P.O. # | Job # |
|---|---|---|
| German Autocraft | | 2076-0301-01 |
| Address: 301 East 14th Street | EMail Address | |
| City, State, Zip: San Leandro, CA | Phone # | Fax # |
| Sampled by: Levi Ford | Report Attention: adudding@stratusinc.net | |

| Time Sampled | Date Sampled 2010 | Matrix* See Key Below | Lab ID Number (Office Use Only) | Sample Description | TAT | Field Filtered | Total and type of containers ** See below | GRO - 8015 | BTEX 8260B | MTBE | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | 3/15 | AQ | STK100316H1-01 | MW-8 | STD | N | 6V | X | X | X | | | | | |
| 1100 | | | -02 | -9 | | | | X | X | X | | | | | |
| 1258 | | | -03 | -10 | | | | X | X | X | | | | | |
| 1225 | | | -04 | -12 | | | | X | X | X | | | | | |
| 1137 | | | -05 | -13 | | | | X | X | X | | | | | |
| 1031 | | | -06 | -14 | | | | X | X | X | | | | | |
| 1325 | | | -07 | -1A | | | | X | X | X | | | | | |
| 0915 | | | -08 | 141 Farrelly | | | | X | X | X | | | | | |

Analyses Required

Required QC Level? I II III IV

EDD / EDF? YES ___ NO ___

Global ID # T0600600639

## ADDITIONAL INSTRUCTIONS:

| Signature | Print Name | Company | Date | Time |
|---|---|---|---|---|
| Relinquished by | Levi Ford | Stratus Env. | 03/15/2010 | 1617 |
| Received by | Lisa de Silva | ALPHA | 3-15-10 | 1617 |
| Relinquished by | Lisa de Silva | ALPHA | 3-15-10 | 1630 |
| Received by | Tara Dickinson | Alpha | 3/16/10 | 947 |
| Relinquished by | | | | |
| Received by | | | | |

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

# APPENDIX D

# GEOTRACKER ELECTRONIC SUBMITTAL CONFIRMATIONS

STATE WATER RESOURCES CONTROL BOARD

# GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

## SUCCESS

**Processing is complete. No errors were found!**
**Your file has been successfully submitted!**

| | |
|---|---|
| **Submittal Type:** | **GEO_WELL** |
| **Submittal Title:** | **German Autocraft, 1Q10 Geo Well** |
| **Facility Global ID:** | **T0600100639** |
| **Facility Name:** | **GERMAN AUTOCRAFT** |
| **File Name:** | **GEO_WELL.zip** |
| **Organization Name:** | **Stratus Environmental, Inc.** |
| **Username:** | **STRATUS NOCAL** |
| **IP Address:** | **12.186.106.98** |
| **Submittal Date/Time:** | **4/27/2010 8:22:08 PM** |
| **Confirmation Number:** | 7873856902 |

STATE WATER RESOURCES CONTROL BOARD

# GEOTRACKER ESI

UPLOADING A EDF FILE

## SUCCESS

**Processing is complete. No errors were found!**
**Your file has been successfully submitted!**

| | |
|---|---|
| **Submittal Type:** | **EDF - Monitoring Report - Quarterly** |
| **Submittal Title:** | **First Quarter 2010 Semi-Annual Groundwater Analytical Results** |
| **Facility Global ID:** | **T0601354875** |
| **Facility Name:** | **USA GASOLINE STATION NO. 127** |
| **File Name:** | **10041641.zip** |
| **Organization Name:** | **Stratus Environmental, Inc.** |
| **Username:** | **STRATUS NOCAL** |
| **IP Address:** | **12.186.106.98** |
| **Submittal Date/Time:** | **4/28/2010 5:33:52 PM** |
| **Confirmation Number:** | 9273377776 |

VIEW QC REPORT

VIEW DETECTIONS REPORT