Quarterly Groundwater Monitoring Report—3rd Quarter 2007

German Autocraft
301 E. 14th Street
San Leandro, California

Global ID No. T0600100639
AC LOP Case # 2783

Prepared For

Mr. Seung Lee
German Autocraft
San Leandro, CA 95070

Prepared By

Groundwater Cleaners Inc.
Cleaning California from the Groundwater up
347 Frederick Street, San Francisco, California 94117
(415) 665-6181

Date of Report: September 26, 2007

Groundwater Cleaners Inc.
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347 Frederick Street, San Francisco, California 94117
(415) 665-6181

September 26, 2007

German Autocraft
301 E. 14th Street
San Leandro, CA 94577

Attn: Mr. Seung Lee

Subject: Quarterly Groundwater Monitoring Report—3rd Quarter 2007

German Autocraft, AC LOP Case # 2783
Global ID No. T0600100639

Dear Mr. Lee:

GWC is pleased to attach the Third Quarter 2007, *Quarterly Groundwater Monitoring Report*, which includes the analytical results for groundwater samples collected in September of 2007. GWC plans to continue quarterly groundwater sampling in accordance with Alameda County Department of Environmental Health (DEH) requirements.

If you have any questions or require further information, please do not hesitate to call us at (415) 665-6181.

Sincerely,

Glenn Reierstad
Project Manager

Cc: Ms. Donna Dragos, DEH
Mr. Steven Plunkett, DEH

CONTENTS

1.0 SITE LOCATION AND BACKGROUND……..... 1
1.1 Site Location and Description…….……... 1
1.2 Site Hydrogeologic Conditions ……. 1
1.3 Project History—Site Investigation Background……... ….... 1
1.4 Field Activities—Current Reporting Period…….. 1

2.0 GROUNDWATER MONITORING RESULTS…… …….. 1
2.1 Groundwater Elevation and Gradient Data…… 1
2.2 Groundwater Sample Collection and Analysis…….. 2
2.3 Groundwater Sample Analytical Results……...…… 2

3.0 CONCLUSIONS AND RECOMMENDATIONS……..…. 2
3.1 Conclusions……..... 2
3.2 Recommendations……..…… 3

4.0 QUALITY ASSURANCE AND PROFESSIONAL CERTIFICATION……..… 3
4.1 Quality Assurance……..… 3
4.2 Professional Certification…….…. 3

FIGURES

Figure 1 Site Location Map
Figure 2 Site Plan and Well Location Map
Figure 3 Groundwater Elevation and Gradient
Figure 4 TPH as Gasoline in Groundwater
Figure 5 Benzene in Groundwater

TABLES

Table 1 Summary of Well Construction Details
Table 2 Current Quarter Groundwater Elevations
Table 3 Cumulative Summary of Groundwater Elevation Data
Table 4 Current Quarter Groundwater Analytical Data
Table 5 Cumulative Summary of Groundwater Sample Analytical Results

APPENDICES

Appendix A Groundwater Sample Collection Records
Appendix B Chain of Custody Records and Laboratory Analytical Reports

1.0 Site Location and Background

1.1 Site Location and Description

The site is located at 301 E. 14th Street in San Leandro, CA, in a high-density, mixed-use neighborhood of residential and small commercial buildings. Figure 1 shows the site location. E. 14th Street is a busy thoroughfare, running approximately 25 degrees west of north-south. The site is approximately 90' x 120' with an area of about 10,800 square feet. The current site use is as an automobile repair facility.

1.2 Site Hydrogeologic Conditions

The site is situated on mixed sediments about two miles east of San Francisco Bay. Site elevation is 48-50 feet above mean sea level, and groundwater elevation varies from 23-32 feet above mean sea level. Groundwater flow direction is typically W to WNW at a gradient of about 0.002 feet/ft. Figure 2 shows the general site layout and the locations of monitoring wells, both on-site and off-site.

1.3 Project History

The fuel leak was discovered and the gasoline storage tank was removed in October of 1990. A site assessment, including installation of three initial monitoring wells, was performed in 1995, and further assessment work was done in July of 1998, including installation of seven additional monitoring wells. In 2001, three more monitoring wells were installed. To date, certain wells have been monitored quarterly and others monitored semi-annually or annually to maintain a record of groundwater conditions. No active remediation has taken place since removal of the gasoline storage tank. Table 1 summarizes available well construction data.

1.4 Field Activities

All wells were scheduled for sampling this quarter, but MW-12 could not be accessed due to the presence of a parked automobile. All other site wells were monitored, both on-site and off-site.

2.0 Groundwater Monitoring Results

2.1 Groundwater Elevation and Gradient

Compared with historical results, the most recent groundwater elevation was on the lower side of the normal range (see Table 3). The prevailing flow direction is shown on Figure 3; on-site wells as usual reflect a more complex local gradient. All monitored wells except MW-5 contained water and recharged rapidly after purging. MW-5 has

historically been dry during summer months. The site wells close to the former tank location (MW-1, -2, -3 and -4) had noticeable hydrocarbon odors, but the off-site wells, except MW-9 and MW-10, were generally odor free. Table 2 presents groundwater elevation data for September 14, 2007, and Table 3 presents a cumulative summary of elevation data.

2.2 Groundwater Sample Collection and Analysis

This quarter's wells were monitored and sampled by experienced personnel in accord with standard practices. All samples were placed on ice and transported to a State-certified analytical laboratory for analysis. Well purge water was stored on-site pending analysis and disposal. The Well Sampling Reports are attached as Appendix A.

2.3 Groundwater Sample Analytical Results

Eight monitoring well samples tested positive for Petroleum Hydrocarbons as gasoline (TPHg) and affiliated Volatile Organic Compounds (BTEX), with highest concentrations (92,000 µg/L TPHg) at MW-1. The distribution of contaminant values continues to correlate with the prevailing groundwater gradient. Table 4 presents groundwater analytical data for September 14, 2007, and Table 5 summarizes the historical groundwater analytical data.

3.0 Conclusions and Recommendations

3.1 Conclusions

All of the monitoring data are consistent with a historic release of gasoline from the subject site's former underground tank, and/or the associated fueling system. Concentrations of gasoline-related petroleum compounds are highest near the former tank location and directly down-gradient from that point. Concentrations drop off sharply with distance perpendicular from the prevailing groundwater flow direction. Significant concentrations of hydrocarbons have been carried off-site, directly down-gradient from the release zone. The wells tested this quarter had typical contaminant concentrations compared with historical values.

In 16 years since the removal of the underground storage tank, there was some dissipation of the contaminants in the first few years, but there has been very little reduction in hydrocarbon concentrations in recent years at wells such as MW-1 and MW-4. GCI concludes that the contaminants have reached levels at which they are likely to remain for the foreseeable future in the absence of remedial action, though there will likely continue to be seasonal fluctuations in contaminant levels.

3.2 Recommendations

Besides the DEH required monitoring of this case, GCI recommends a Dual-Phase Soil Vapor Extraction (SVE) test to assess the potential success of DPSVE as a remediation method for the core impact area at this site. Such a test may provide approximate cost data or may suggest the need to consider other technologies to remediate contaminants at the site. A five-day test is standard for such an assessment. GCI could provide a Corrective Action Plan including such a test, or a more extensive test that would likely reduce the persisting contaminants at the site. Off-sites wells have significant access issues and would be unlikely to be viable for meaningful contaminant mass removal.

4.0 Quality Assurance and Professional Certification

4.1 Quality Assurance

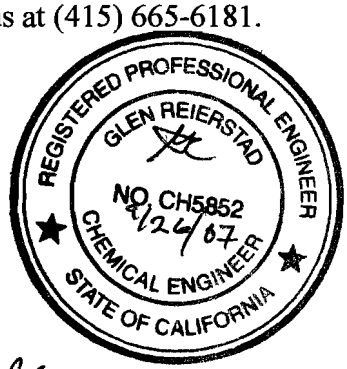
All sampling was performed by a staff technician, skilled and experienced with groundwater monitoring well sampling procedures. Samples were stored on ice and sent promptly to a State-certified analytical laboratory. The laboratory is audited by the State certification program for maintaining quality control procedures and for record keeping. The chain-of-custody records and certified laboratory analytical reports are attached as Appendix B.

4.2 Professional Certification

We declare, under penalty of perjury, that to the best of our knowledge, everything presented in this report is true and correct.

Should you have any questions or require supplemental information, please do not hesitate to contact us at (415) 665-6181.

Sincerely,



Glenn Reierstad, P.E.
Project Manager, Groundwater Cleaners, Inc.

Eric R. Lautenbach, P.E.
V.P. Engineering

Figures

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(415) 665-6181

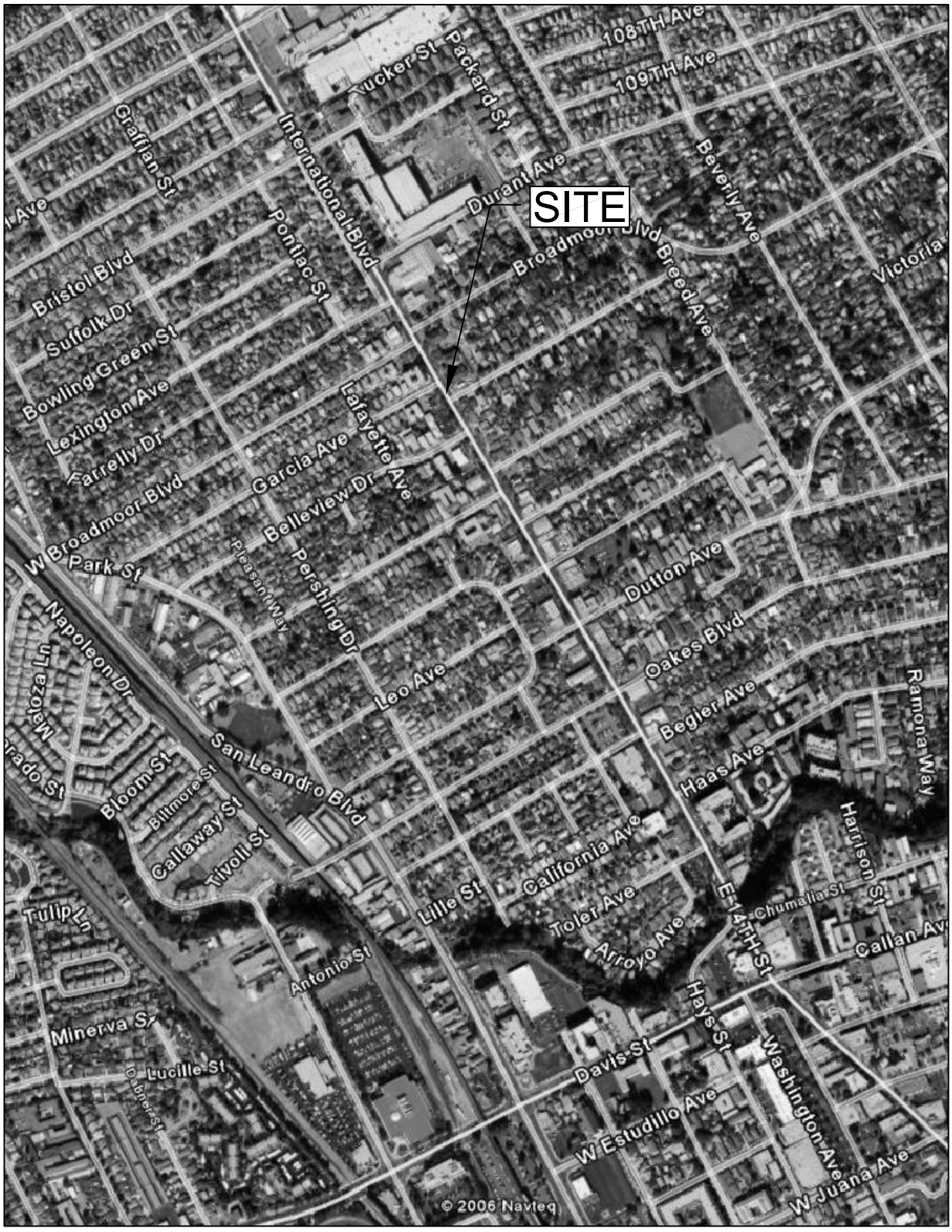
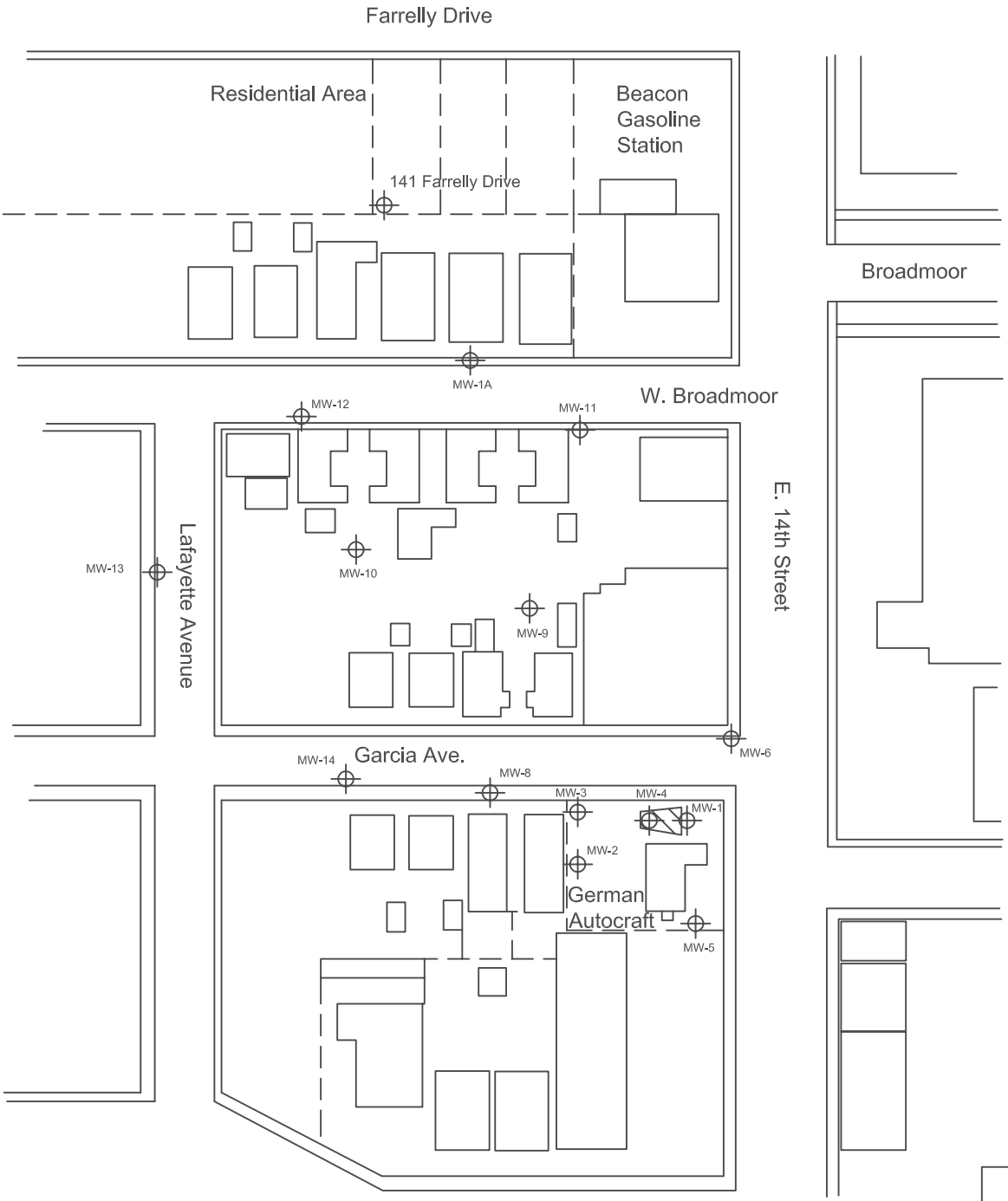


Image from Google ©2006

Groundwater GWC Cleaners Inc. *Cleaning California from the Groundwater Up* 347 Frederick Street, San Francisco, California, 94117 (415) 665-6181	German Autocraft 301 East 14th Street San Leandro, California	Figure 1 Rev. B
	Site Area Map	10.01.06



EXPLANATION:

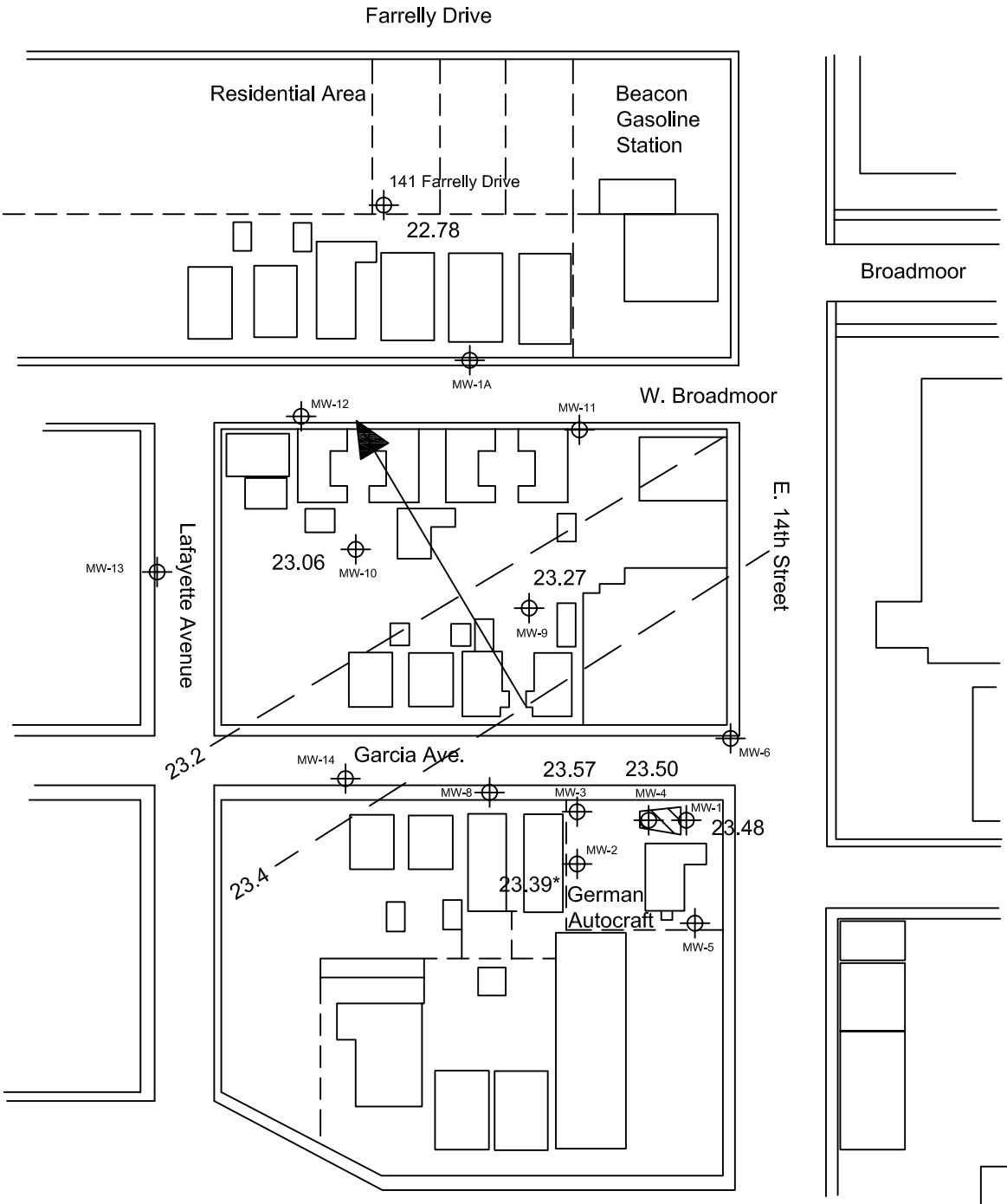
0' 60' 120'

Scale: 1"=120'

- Streets/Buildings
- Groundwater Monitoring Well
- Former Tank Pit Areas
- Buildings

N

Groundwater GWC Cleaners Inc. *Cleaning California from the Groundwater Up* 347 Frederick Street, San Francisco, California, 94117 (415) 665-6181	German Autocraft 301 East 14th Street San Leandro, California	Figure 2 Rev. B
	Generalized Site Map	09.27.06



0' 60' 120'

Scale: 1"=120'

Streets/Buildings

Groundwater Monitoring Well

Former Tank Pit Areas

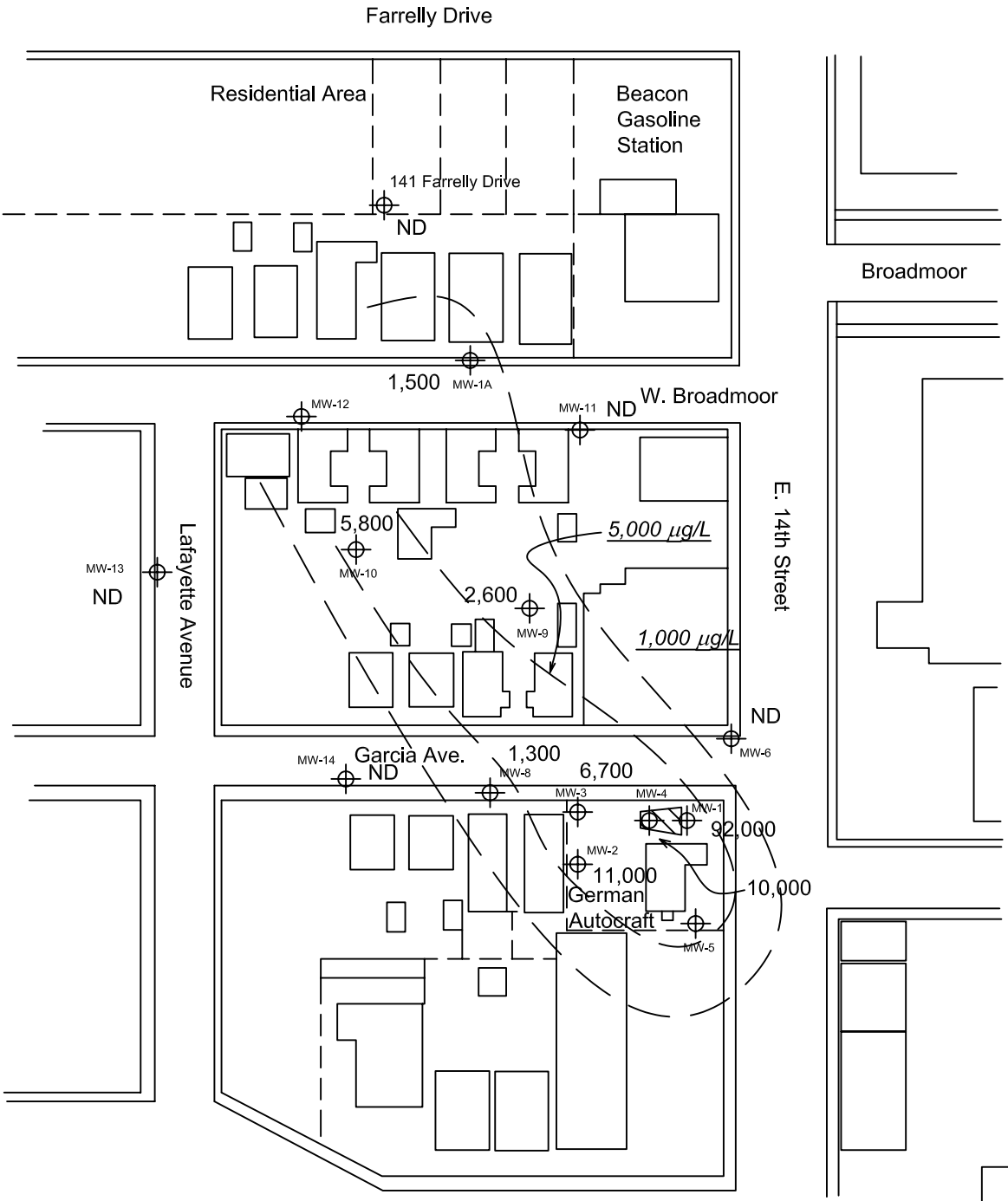
Buildings

Notes:

* Abnormally low based on other well measurements.

Wells with no elevations have not been surveyed.

Groundwater GWC Cleaners Inc. *Cleaning California from the Groundwater Up* 347 Frederick Street, San Francisco, California, 94117 (415) 665-6181	German Autocraft 301 East 14th Street San Leandro, California	Figure 3 Rev. A
	Groundwater Elevations	09.14.07



EXPLANATION:

0' 60' 120'

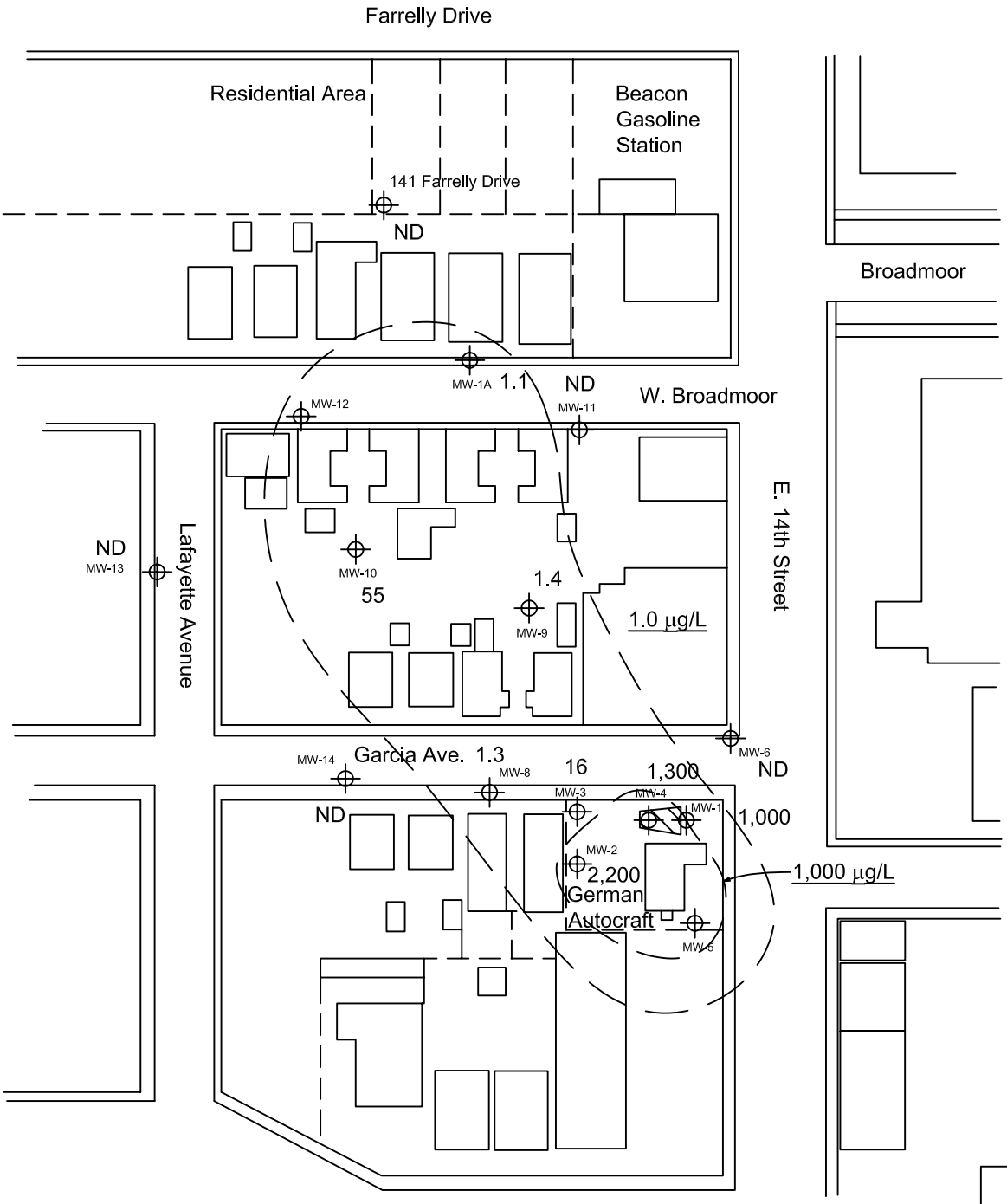
Scale: 1"=120'

- Streets/Buildings
- Groundwater Monitoring Well
- Former Tank Pit Areas
- Buildings

Notes:
MW-5 Dry.
MW-12 Could not be accessed.

N

Groundwater GWC Cleaners Inc. *Cleaning California from the Groundwater Up* 347 Frederick Street, San Francisco, California, 94117 (415) 665-6181	German Autocraft 301 East 14th Street San Leandro, California	Figure 4 Rev. A
	TPHg in Groundwater	09.14.07



EXPLANATION:

0' 60' 120'

Scale: 1"=120'

- Streets/Buildings
- Groundwater Monitoring Well
- Former Tank Pit Areas
- Buildings

Notes:
MW-5 Dry.
MW-12 Not accessible.

Groundwater GWC Cleaners Inc. *Cleaning California from the Groundwater Up* 347 Frederick Street, San Francisco, California, 94117 (415) 665-6181	German Autocraft 301 East 14th Street San Leandro, California	Figure 5 Rev. A
	Benzene in Groundwater (µg/L)	09.14.07

Tables

Groundwater Cleaners, Inc.
Cleaning California from the Groundwater up
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Table 1
Summary of Well Construction Details
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Installed	Casing Diameter (inches)	Total Depth (feet)	Screened Interval (feet)	Relative Location	TOC Elevation
MW-1	1/6/95	2	32.10	unknown	Onsite	49.40
MW-2	1/6/95	2	33.05	unknown	Onsite	50.02
MW-3	1/6/95	2	34.80	unknown	Onsite	49.32
MW-4	12/30/98	2	34.30	unknown	Onsite	49.61
MW-5	12/30/98	2	21.15	unknown	Onsite	unknown
MW-6	12/30/98	2	33.10	unknown	Off-site	unknown
MW-8	12/30/98	2	34.20	unknown	Off-site	unknown
MW-9	12/30/98	2	33.70	unknown	Off-site	48.77
MW-10	12/30/98	2	37.50	unknown	Off-site	49.93
MW-11	12/30/98	2	36.90	unknown	Off-site	unknown
MW-12	3/20/01	2	38.22	unknown	Off-site	unknown
MW-13	3/20/01	2	37.47	unknown	Off-site	unknown
MW-14	3/20/01	2	30.43	unknown	Off-site	unknown
MW-1A	5/30/97	2	33.88	unknown	Off-site	unknown
141 Farrelly	4/6/96	2	unknown	unknown	Off-site	48.76

Table 2
Current Quarter Groundwater Elevations
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-1	09/14/07	25.92	49.40	23.48
MW-2	09/14/07	26.63	50.02	23.39
MW-3	09/14/07	25.75	49.32	23.57
MW-4	09/14/07	26.11	49.61	23.50
MW-9	09/14/07	25.50	48.77	23.27
MW-10	09/14/07	26.87	49.93	23.06
141 Farrelly	09/14/07	25.98	48.76	22.78

na = not measured last quarter. nc = not calculated as TOC elevation is unknown

Table 3
Cumulative Summary of Groundwater Elevations
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-1	12/21/90	30.25	49.40	19.15
	2/10/95	---	49.40	29.59
	7/7/95	---	49.40	26.63
	8/10/95	---	49.40	25.58
	9/11/95	---	49.40	24.68
	10/2/95	---	49.40	24.12
	11/7/95	---	49.40	23.36
	12/8/95	---	49.40	22.77
	1/12/96	---	49.40	24.35
	2/12/96	---	49.40	29.04
	3/12/96	---	49.40	31.75
	4/13/96	---	49.40	29.43
	5/14/96	---	49.40	27.89
	6/20/96	---	49.40	27.19
	7/26/96	---	49.40	25.95
	8/19/96	---	49.40	25.16
	9/17/96	---	49.40	24.44
	10/21/96	---	49.40	23.63
	11/27/96	---	49.40	24.28
	12/27/96	---	49.40	28.23
	1/28/97	---	49.40	33.02
	4/25/97	---	49.40	27.14
	7/17/97	---	49.40	24.55
	10/21/97	---	49.40	22.85
	3/10/98	---	49.40	34.35
	6/6/98	---	49.40	30.69
	9/30/98	---	49.40	25.95
	12/30/98	---	49.40	25.13
	3/13/99	---	49.40	29.98
	9/29/99	---	49.40	24.39
	12/29/99	---	49.40	23.75
	3/18/00	---	49.40	31.92
	7/18/00	---	49.40	26.21
	9/26/00	---	49.40	25.01

	12/28/00	---	49.40	24.63
	3/30/01	---	49.40	27.47
	10/5/01	---	49.40	23.82
	3/28/02	---	49.40	28.66
	3/31/03	---	49.40	26.68
	6/19/03	---	49.40	26.23
	9/30/03	---	49.40	24.05
	2/10/04	---	49.40	26.96
	6/30/04	---	49.40	24.73
	9/14/04	---	49.40	21.51
	3/29/06	18.84	49.40	30.56
	6/24/06	20.57	49.40	28.83
	9/30/06	23.53	49.40	25.87
	12/11/06	22.78	49.40	26.29
	03/16/07	nm	49.40	nm
	06/10/7	24.36	49.40	25.04
	09/14/07	25.92	49.40	23.48

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-2	2/10/95	---	50.02	29.62
	7/7/95	---	50.02	26.47
	8/10/95	---	50.02	25.40
	9/11/95	---	50.02	24.49
	10/2/95	---	50.02	23.94
	11/7/95	---	50.02	23.13
	12/8/95	---	50.02	22.55
	1/12/96	---	50.02	24.20
	2/12/96	---	50.02	29.03
	3/12/96	---	50.02	31.60
	4/13/96	---	50.02	29.25
	5/14/96	---	50.02	27.68
	6/20/96	---	50.02	26.97
	7/26/96	---	50.02	25.74
	8/19/96	---	50.02	24.97
	9/17/96	---	50.02	24.22
	10/21/96	---	50.02	23.43
	11/27/96	---	50.02	24.09
	12/27/96	---	50.02	28.03
	1/28/97	---	50.02	32.71
	4/25/97	---	50.02	26.88
	7/17/97	---	50.02	24.31
	10/21/97	---	50.02	22.69
	3/10/98	---	50.02	34.20

	6/6/98	---	50.02	30.41
	9/30/98	---	50.02	25.68
	12/30/98	---	50.02	24.93
	3/13/99	---	50.02	29.80
	9/29/99	---	50.02	24.12
	12/29/99	---	50.02	23.52
	3/18/00	---	50.02	31.87
	7/18/00	---	50.02	26.01
	9/26/00	---	50.02	24.69
	12/28/00	---	50.02	24.39
	3/30/01	---	50.02	27.31
	10/5/01	---	50.02	23.64
	3/28/02	---	50.02	28.43
	9/30/02	---	50.02	24.18
	3/31/03	---	50.02	26.39
	6/19/03	---	50.02	26.04
	9/30/03	---	50.02	23.83
	2/10/04	---	50.02	26.75
	6/30/04	---	50.02	24.57
	9/14/04	---	50.02	23.32
	3/29/06	19.61	50.02	30.41
	6/24/06	21.41	50.02	28.61
	9/30/06	24.37	50.02	25.65
	12/11/06	23.92	50.02	26.10
	03/16/07	22.78	50.02	27.24
	06/10/07	25.12	50.02	24.90
	09/14/07	26.63	50.02	23.39

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-3	2/10/95	---	49.32	29.57
	7/7/95	---	49.32	26.50
	8/10/95	---	49.32	25.44
	9/11/95	---	49.32	24.54
	10/2/95	---	49.32	24.00
	11/7/95	---	49.32	23.21
	12/8/95	---	49.32	22.62
	1/12/96	---	49.32	24.25
	2/12/96	---	49.32	29.00
	3/12/96	---	49.32	31.67
	4/13/96	---	49.32	29.26
	5/14/96	---	49.32	27.71
	6/20/96	---	49.32	27.00

	7/26/96	---	49.32	25.67
	8/19/96	---	49.32	25.01
	9/17/96	---	49.32	24.27
	10/21/96	---	49.32	23.48
	11/27/96	---	49.32	24.13
	12/27/96	---	49.32	28.11
	1/28/97	---	49.32	32.78
	4/25/97	---	49.32	26.94
	7/17/97	---	49.32	24.37
	10/21/97	---	49.32	22.73
	3/10/98	---	49.32	34.13
	6/6/98	---	49.32	30.47
	9/30/98	---	49.32	25.75
	12/30/98	---	49.32	24.99
	3/13/99	---	49.32	29.83
	9/29/99	---	49.32	24.20
	12/29/99	---	49.32	23.60
	3/18/00	---	49.32	31.82
	7/18/00	---	49.32	26.04
	9/26/00	---	49.32	24.80
	12/28/00	---	49.32	24.45
	3/30/01	---	49.32	27.39
	10/5/01	---	49.32	23.70
	3/28/02	---	49.32	28.49
	9/30/02	---	49.32	24.12
	3/31/03	---	49.32	26.50
	6/19/03	---	49.32	26.03
	9/30/03	---	49.32	23.82
	2/10/04	---	49.32	26.79
	6/30/04	---	49.32	24.59
	9/14/04	---	49.32	21.39
	3/29/06	18.87	49.32	30.45
	6/24/06	22.65	49.32	26.67
	9/30/06	24.49	49.32	24.83
	12/11/06	23.03	49.32	26.29
	03/16/07	21.97	49.32	27.35
	06/10/07	24.28	49.32	25.04
	09/14/07	25.75	49.32	23.57

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-4	12/30/98	---	49.61	25.05
	3/13/99	---	49.61	29.89

	9/29/99	---	49.61	24.27
	12/29/99	---	49.61	23.64
	3/18/00	---	49.61	31.85
	12/28/00	---	49.61	24.52
	3/30/01	---	49.61	27.40
	10/5/01	---	49.61	23.77
	3/28/02	---	49.61	28.58
	9/30/02	---	49.61	24.32
	3/31/03	---	49.61	26.59
	6/19/03	---	49.61	26.16
	9/30/03	---	49.61	23.96
	9/14/04	---	49.61	21.45
	3/29/06	19.87	49.61	29.74
	6/24/06	22.86	49.61	26.75
	9/30/06	23.94	49.61	25.67
	12/11/06	23.36	49.61	26.25
	03/16/07	22.26	49.61	27.35
	06/10/07	24.60	49.61	25.01
	09/14/07	26.11	49.61	23.50

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-5	12/30/98	---	unknown	25.06
	3/13/99	---		29.93
	9/29/99	---		24.26
	3/18/00	---		23.64
	3/28/02	---		31.94
	09/14/07	Dry		

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-6	12/30/98	---	unknown	25.14
	3/13/99	---		29.97
	9/29/99	---		24.38
	12/29/99	---		23.75
	3/18/00	---		31.86
	7/18/00	---		26.22
	9/26/00	---		24.95
	12/28/00	---		24.61
	3/30/01	---		27.41
	10/5/01	---		23.82

	3/28/02	---		28.65
	9/30/02	---		24.41
	9/30/06	22.33		
MW-6	09/14/07	24.58	nm	nc

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-8	12/30/98	---	unknown	25.14
	3/13/99	---		
	9/29/99	---		
	12/29/99	---		
	3/18/00	---		
	7/18/00	---		
	9/26/00	---		
	12/28/00	---		
	3/30/01	---		
	10/5/01	---		
	3/28/02	---		
	9/30/06	24.07		
	09/14/07	26.12	nm	nc

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-9	12/30/98	---	48.77	24.79
	3/13/99	---	48.77	29.58
	9/29/99	---	48.77	24.05
	12/29/99	---	48.77	23.45
	3/18/00	---	48.77	31.46
	7/18/00	---	48.77	25.83
	9/26/00	---	48.77	24.61
	12/28/00	---	48.77	24.29
	3/30/01	---	48.77	27.12
	10/5/01	---	48.77	23.54
	3/28/02	---	48.77	28.32
	9/30/02	---	48.77	24.11
	3/31/03	---	48.77	26.33
	6/19/03	---	48.77	25.90
	9/30/03	---	48.77	23.77
	2/10/04	---	48.77	26.64
	6/30/04	---	48.77	24.22
	9/14/04	---	48.77	23.08
	3/29/06	16.74	48.77	32.03

	6/24/06	22.43	48.77	26.34
	9/30/06	23.40	48.77	25.37
	12/11/06	22.78	48.77	25.99
	03/16/07	21.76	48.77	27.01
	09/14/07	25.50	48.77	23.27

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-10	12/30/98	---	49.93	24.78
	3/13/99	---	49.93	29.31
	9/29/99	---	49.93	23.80
	12/29/99	---	49.93	23.23
	3/18/00	---	49.93	31.26
	7/18/00	---	49.93	25.55
	9/26/00	---	49.93	24.34
	12/28/00	---	49.93	24.03
	3/30/01	---	49.93	26.79
	10/5/01	---	49.93	23.33
	3/28/02	---	49.93	28.06
	9/30/02	---	49.93	23.88
	3/31/03	---	49.93	26.06
	6/19/03	---	49.93	25.65
	9/30/03	---	49.93	23.56
	2/10/04	---	49.93	26.39
	6/30/04	---	49.93	24.22
	9/14/04	---	49.93	23.08
	3/29/06	20.18	49.93	29.75
	6/24/06	23.87	49.93	26.06
	9/30/06	24.80	49.93	25.13
	03/16/07	23.09	49.93	26.84
	09/14/07	26.87	49.93	23.06

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-11	12/30/98	---	unknown	24.78
	3/13/99	---		29.56
	9/29/99	---		24.03
	12/29/99	---		23.43
	3/18/00	---		31.38
	7/18/00	---		25.81
	9/26/00	---		24.58
	12/28/00	---		24.26
	3/30/01	---		27.03

	10/5/01	---		23.52
	3/28/02	---		28.31
	9/30/02	---		24.09
	9/30/06	22.58		
	09/14/07	24.72	nm	nc

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-12	12/30/98	---	unknown	24.78
	3/13/99	---	---	29.56
	9/29/99	---	---	24.03
	12/29/99	---	---	23.43
	3/18/00	---	---	31.38
	7/18/00	---	---	25.81
	9/26/00	---	---	24.58
	12/28/00	---	---	24.26
	3/30/01	---	---	27.03
	10/5/01	---	---	23.52
	3/28/02	---	--	28.31
	9/30/02	---	---	24.09
	9/30/06	22.58	---	----
	12/11/06	23.88	---	---
	03/16/07	21.77	---	---
	06/10/07	24.06	---	---
	09/14/07	Not available		

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-13	12/30/98	---	unknown	24.78
	3/13/99	---	---	29.56
	9/29/99	---	---	24.03
	12/29/99	---	---	23.43
	3/18/00	---	---	31.38
	7/18/00	---	---	25.81
	9/26/00	---	---	24.58
	12/28/00	---	---	24.26
	3/30/01	---	---	27.03
	10/5/01	---	---	23.52
	3/28/02	---	---	28.31
	9/30/02	---	---	24.09
	9/30/06	22.58	---	---
	12/11/06	25.33	---	---

	03/16/07	23.00	---	---
	06/10/07	25.50	---	---
	09/14/07	26.85	nm	nc

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-14	12/30/98	---	unknown	24.78
	3/13/99	---	---	29.56
	9/29/99	---	----	24.03
	12/29/99	---	---	23.43
	3/18/00	---	---	31.38
	7/18/00	---	---	25.81
	9/26/00	---	---	24.58
	12/28/00	---	---	24.26
	3/30/01	---	---	27.03
	10/5/01	---	---	23.52
	3/28/02	---	--	28.31
	9/30/02	---	---	24.09
	9/30/06	22.58	---	---
	12/11/06	24.90	---	---
	03/16/07	22.67	---	---
	06/10/07	25.11	---	---
	09/14/07	26.56	nm	nc

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
MW-1A	12/30/98	---	unknown	24.64
	3/13/99			29.39
	9/29/99			23.89
	12/29/99			23.29
	3/18/00			31.25
	7/18/00			25.64
	9/26/00			24.48
	12/28/00			24.13
	3/30/01			27.02
	10/5/01			23.38
	3/28/02			28.14
	9/30/02			23.96
	9/30/06	23.03	nm	nc
	09/14/07	25.13	nm	nc

Well Number	Date Recorded	Depth to Groundwater (feet)	TOC Elevation (feet)	Groundwater Elevation (feet)
141 Farrelly	03/18/00	17.90	48.76	30.86
	09/26/00	24.66	48.76	24.10
	03/30/01	22.25	48.76	26.51
	09/30/02	25.34	48.76	23.42
	12/21/02	20.07	48.76	28.69
	06/19/03	23.55	48.76	25.21
	09/14/04	26.12	48.76	22.64
	03/16/07	22.28	48.76	26.48
	09/14/07	25.98	48.76	22.78

Table 4
Current Quarter Groundwater Analytical Data
September 14, 2007

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)	MtBE (µg/l)
MW-1	09/14/07	92,000	1,000	9,400	4,300	23,000	ND<250
MW-2	09/14/07	11,000	2,200	53	72	150	ND<50
MW-3	09/14/07	6,700	16	44	200	400	ND<10
MW-4	09/14/07	10,000	1,300	96	440	560	ND<50
MW-6	09/14/07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5
MW-8	09/14/07	1,300	1.3	20	3.0	1.6	ND<5
MW-9	09/14/07	2,600	1.4	28	13	3.2	ND<5
MW-10	09/14/07	5,800	55	18	22	15	ND<10
MW-11	09/14/07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5
MW-13	09/14/07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5
MW-14	09/14/07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5
MW-1A	09/14/07	1,500	1.1	15	2.8	1.8	ND<5
141 Farrelly	09/14/07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5

Table 5
Cumulative Summary of Groundwater Analytical Data

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-1	12/31/90	51,000	2,200	1,200	<0.5	760
	1/6/95	110,000	13,000	15,000	4,800	13,000
	1/6/95	580,000	29,000	41,000	17,000	43,000
	7/6/95	49,000	8,000	17,000	1,900	9,700
	10/2/95	120,000	16,000	36,000	3,300	17,000
	10/2/95	160,000	20,000	47,000	5,000	23,000
	1/12/96	1,100,000	11,000	18,000	15,000	51,000
	1/12/96	98,000	2,100	4,600	2,500	10,000
	4/13/96	53,000	1,300	2,900	2,100	10,000
	4/13/96	58,000	820	3,600	2,800	12,000
	7/26/96	91,000	2,600	7,200	2,900	14,000
	7/26/96	67,000	2,300	5,500	2,500	11,000
	10/21/96	210,000	4,800	17,000	2,300	15,000
	10/21/96	210,000	5,400	18,000	2,600	11,000
	1/28/97	120,000	5,600	15,000	2,100	11,000
	1/28/97	130,000	5,500	15,000	2,300	12,000
	4/25/97	180,000	6,900	20,000	2,600	13,000
	4/25/97	170,000	6,500	20,000	2,500	13,000
	7/17/97	220,000	8,300	41,000	2,700	16,000
	10/21/97	240,000	9,400	33,000	3,300	22,000
	3/10/98	120,000	11,000	46,000	3,700	21,000
	6/6/98	110,000	7,600	32,000	4,800	23,000
	9/30/98	140,000	5,800	29,000	3,500	18,000
	12/30/98	78,000	5,200	24,000	3,200	19,000
	3/23/99	250,000	8,000	43,000	5,200	27,000
	9/29/99	140,000	6,100	35,000	5,400	27,000
	3/18/00	120,000	5,100	33,000	4,600	24,000
	3/20/01	100,000	3,600	41,000	4,700	25,000
	3/28/02	100,000	2,800	24,000	5,400	28,900
	3/31/03	100,000	2,200	19,000	4,900	21,000
	3/31/04	100,000	2,100	21,000	6,200	36,000
	9/14/04	160,000	1,800	16,000	5,500	30,000
	3/29/06	69,000	1,400	16,000	4,900	28,000
	09/30/06	120,000	1,400	13,000	5,200	29,000
	09/14/07	92,000	1,000	9,400	4,300	23,000

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-2	1/6/95	980,000	9,400	5,600	19,000	42,000
	7/6/95	71,000	5,300	1,800	6,100	9,000
	10/2/95	40,000	2,900	200	2,800	3,600
	1/12/96	260,000	2,600	2,200	6,300	7,800
	4/13/96	30,000	1,900	370	2,300	2,400
	7/26/96	180,000	1,400	640	2,100	5,000
	10/21/96	62,000	2,100	<0.5	2,100	2,700
	1/28/97	46,000	1,500	94	1,800	2,000
	4/25/97	23,000	790	26	820	730
	7/17/97	95,000	2,200	<0.5	3,100	4,300
	10/21/97	31,000	2,000	<0.5	2,100	1,900
	3/10/98	19,000	730	44	820	1,000
	6/6/98	16,000	670	1,100	510	1,200
	9/30/98	24,000	600	77	680	580
	12/30/98	9,300	510	96	450	480
	3/23/99	5,700	580	9.4	400	280
	9/29/99	17,000	880	240	830	1,000
	12/29/99	11,000	800	11	860	780
	3/18/00	11,000	790	14	520	450
	7/18/00	10,000	560	27	630	530
	9/26/00	6,800	450	7.4	290	200
	12/28/00	12,000	540	30	420	330
	3/20/01	3,500	230	<10	<10	<10
	3/28/02	7,000	570	16	170	71
	3/31/03	5,000	620	<12.5	71	<25
	3/31/04	8,200	500	<12.5	65	<25
	9/14/04	9,000	560	<13	57	<25
	3/29/06	5,200	1,400	<20	52	<20
	9/30/06	4,800	900	64	22	110
	09/14/07	11,000	2,200	53	72	150

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-3	1/6/95	740,000	11,000	2,300	8,300	28,000
	7/6/95	86,000	12,000	8,600	4,900	19,000
	10/2/95	100,000	15,000	11,000	6,000	20,000
	1/12/96	84,000	6,500	4,100	3,200	12,000

	4/13/96	48,000	7,600	3,600	2,800	9,400
	7/26/96	62,000	6,400	3,100	3,000	11,000
	10/21/96	110,000	5,400	2,400	2,500	9,800
	1/28/97	130,000	5,500	15,000	2,300	12,000
	4/25/97	180,000	6,900	20,000	2,600	13,000
	7/17/97	69,000	5,100	1,100	1,800	8,600
	10/21/97	58,000	4,300	1,300	2,100	8,000
	3/10/98	25,000	3,000	1,300	1,100	3,700
	6/6/98	52,000	4,400	1,900	2,300	6,900
	9/30/98	42,000	4,300	1,400	1,800	6,600
	12/30/98	34,000	4,200	770	2,300	9,000
	3/23/99	44,000	3,500	1,000	1,700	5,200
	9/29/99	39,000	6,000	840	2,400	8,100
	12/29/99	39,000	4,600	790	2,400	8,100
	3/18/00	21,000	3,100	550	1,400	4,100
	7/18/00	30,000	5,000	950	2,000	5,700
	9/26/00	36,000	5,300	640	2,400	9,900
	12/28/00	33,000	4,700	450	2,100	6,400
	3/20/01	21,000	2,000	260	570	3,000
	3/31/03	25,000	3,200	280	1,600	4,200
	3/31/04	11,000	1,000	940	550	1,900
	9/14/04	42,000	3,600	190	2,200	4,800
	3/29/06	7,200	180	17	460	680
	9/30/06	7,100	130	94	500	820
	09/14/07	6,700	16	44	200	400

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-4	12/30/98	12,000	1,200	1,100	290	1,400
	3/23/99	89,000	5,900	8,700	2,000	9,200
	9/29/99	48,000	5,300	6,800	1,700	7,700
	3/18/00	44,000	4,500	7,500	2,200	11,000
	3/20/01	10,000	700	620	<10	1,900
	3/28/02	30,000	3,700	3,100	1,100	4,100
	3/31/03	25,000	2,000	2,100	820	2,900
	3/31/04	24,000	2,500	200	1,400	2,800
	9/14/04	14,000	760	550	430	1,600
	3/29/06	17,000	2,000	1,200	910	2,400
	9/30/06	4,000	440	120	240	360
	9/14/07	10,000	1,300	96	440	560

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-5	12/30/98	170	1.1	<0.5	<0.5	4.8
	3/22/99	470	3.8	0.51	2.0	<0.5
	9/29/99	1,200	13	4.2	2.7	4.2
	3/18/00	660	5.5	0.62	1.6	1.7
	3/29/06	190	<0.5	<0.5	<0.5	<0.5
	9/30/06	Dry	---	---	---	---
	9/14/07	Dry	---	---	---	---

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-6	12/30/98	400	1.0	<0.5	<0.5	4.8
	3/22/99	390	<0.5	<0.5	<0.5	<0.5
	9/30/99	330	1.8	1.4	1.5	<0.5
	3/18/00	200	1.3	<0.5	<0.5	<0.5
	9/26/00	240	1.5	<0.5	<0.5	<0.5
	3/20/01	160	<0.5	<0.5	<0.5	<0.5
	3/28/02	88	.89	<0.5	<0.5	<0.5
	3/29/06	NS	NS	NS	NS	NS
	9/30/06	280	5.5	24	14	69
	9/14/07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-8	12/30/98	2,200	70	0.94	26	15
	3/23/99	2,300	34	1.1	15	13
	9/30/99	8,800	140	<50	53	<50
	12/29/99	1,900	64	1.0	22	23
	3/18/00	1,400	36	<0.5	12	9.3
	7/18/00	3,000	67	9.8	38	38
	9/26/00	1,200	24	3.0	24	15
	12/28/00	1,200	47	3.7	17	18
	3/20/01	1,300	7.8	<2.5	<2.5	14
	10/5/01	1,800	28	<2.5	20	23
	3/28/02	1,100	12	1.7	11	10.8
	9/30/02	1,400	15	24	32	22
	9/30/06	760	4.9	31	13	64

	03/16/07	370	<0.5	8.1	0.52	0.94
	09/14/07	1,300	1.3	20	3.0	1.6

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-9	12/30/98	25,000	23	<10	180	620
	3/23/99	27,000	35	<20	600	920
	9/30/99	42,000	140	130	1,000	1,700
	12/29/99	1,100,000	1,200	1,300	4,300	8,700
	3/18/00	17,000	89	46	10	600
	7/18/00	12,000	39	8.2	540	760
	9/26/00	11,000	19	<5	470	610
	12/28/00	22,000	100	<100	610	770
	3/20/01	8,200	40	<10	14	210
	10/5/01	77,000	<100	110	780	850
	3/28/02	11,000	34	6.1	220	180
	9/30/02	34,000	<125	140	240	370
	3/31/03	6,200	<12.5	<12.5	130	87
	9/30/03	9,700	52	<25	160	87
	9/14/04	9,500	48	<25	93	<50
	3/29/06	6,200	<0.5	<0.5	57	11
	9/30/06	2,200	3.7	31	37	40
	3/16/07	3,200	2.2	37	18	2.9
	9/14/07	2,600	1.4	28	13	3.2

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-10	12/30/98	6,900	130	19	140	210
	3/23/99	6,600	150	33	240	170
	9/30/99	9,300	60	38	280	150
	12/29/99	5,800	87	10	420	180
	3/18/00	3,800	180	11	220	120
	7/18/00	9,100	120	33	210	130
	9/26/00	4,500	22	8.8	1.3	18
	12/28/00	3,900	55	13	98	38
	3/20/01	4,500	48	6.0	<5	23
	10/5/01	5,200	70	28	41	30
	3/28/02	7,400	45	20	210	66
	9/30/02	670	54	5.9	76	23
	3/31/03	5,700	31	38	67	27

	9/30/03	7,400	61	<50	<50	<100
	9/14/04	9,100	47	<25	51	<50
	3/29/06	6,800	140	18	270	160
	9/30/06	5,700	61	30	78	120
	3/16/07	10,000	71	15	46	25
	9/14/07	5,800	55	18	22	15

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-11	12/30/98	80	<0.5	<0.5	0.93	1.6
	3/23/99	<50	<0.5	<0.5	<0.5	<0.5
	9/30/99	94	<0.5	<0.5	<0.5	<0.5
	3/18/00	<50	<0.5	<0.5	<0.5	<0.5
	9/26/00	<50	<0.5	<0.5	<0.5	<0.5
	3/20/01	<50	<0.5	<0.5	<0.5	<0.5
	3/28/02	<50	<0.5	<0.5	<0.5	<1.5
	9/30/06	160	1.8	12	7.6	40
	9/14/07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-12	3/20/01	4,100	28	6.2	<5	16
	6/29/01	4,200	26	25	19	29
	12/21/01	5,300	9.7	<2.5	41	14
	3/28/02	4,900	20	<2.5	69	23
	6/28/02	2,600	29	<12.5	30	<25
	9/30/02	700	16	4.9	19	9.8
	09/30/06	2,100	6.2	15	16	38
	12/11/06	5,500	13	24	16	23
	3/16/07	4,900	11	24	16	8.5
	6/10/07	2,600	<2.5	<2.5	13	9.5
	9/14/07	not	available			

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-13	3/20/01	<50	<0.5	<0.5	<0.5	<0.5

	6/29/01	<50	<0.5	<0.5	<0.5	<0.5
	10/5/01	<50	<0.5	<0.5	<0.5	<0.5
	12/21/01	<50	<0.5	<0.5	<0.5	<0.5
	3/28/02	<50	<0.5	<0.5	<0.5	<1.5
	6/28/02	<50	<0.5	<0.5	<0.5	<1.0
	9/30/02	<50	<0.5	<0.5	<0.5	<1.0
	12/21/02	<50	<0.5	<0.5	<0.5	<1.0
	09/30/06	170	2.1	13	8.1	43
	12/11/06	110	4.6	6.5	4.6	17
	3/16/07	<50	<0.5	<0.5	<0.5	<0.5
	6/10/07	54	0.80	0.84	1.3	5.4
	9/14/07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-14	3/20/01	200	<0.5	<0.5	<0.5	<0.5
	6/29/01	660	<0.5	<0.5	<0.5	4.6
	10/5/01	770	1.7	1.5	0.91	8.3
	12/21/01	1,500	3.1	13	1.9	22
	3/28/02	390	1.7	<0.5	<0.5	0.74
	6/28/02	120	<0.5	<0.5	<0.5	<1
	9/30/02	210	<0.5	1.7	<0.5	1.1
	12/21/02	53	<0.5	<0.5	<0.5	<1.0
	09/30/06	210	2.5	15	9.1	48
	12/11/06	190	6.7	9.9	5.4	19
	3/16/07	<50	<0.5	1.1	<0.5	<0.5
	6/10/07	73	1.1	1.3	1.8	7.2
	9/14/07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5

Well Number	Date Sampled	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-Benzene (µg/l)	Total Xylenes (µg/l)
MW-1A	5/30/97	12,000	18	8.7	90	540
	12/30/98	51	<0.5	<0.5	<0.5	<0.5
	3/23/99	1,800	4.0	<0.5	3.0	7.5
	3/23/99	2,200	10	0.52	3.1	7.1
	9/30/99	13,000	63	26	30	72
	3/8/00	6,100	36	<5	9.7	45
	9/26/00	11,000	14	<5	65	150
	3/20/01	4,800	30	6.0	<5	7.0
	10/5/01	15,000	76	41	36	140

	3/28/02	9,300	35	<12.5	17	32
	9/30/02	23,000	<50	63	77	230
	9/30/06	2,500	4.1	25	22	49
	3/16/07	1,800	1.8	17	6.4	4.4
	9/14/07	1,500	1.1	15	2.8	1.8

Well Number	**Date Sampled**	**TPHg (µg/l)**	**Benzene (µg/l)**	**Toluene (µg/l)**	**Ethyl-Benzene (µg/l)**	**Total Xylenes (µg/l)**
141 Farrelly	4/6/96	<50	<0.5	<0.5	<0.5	<0.5
	10/2/99	<50	<0.5	<0.5	<0.5	<0.5
	3/18/00	<50	<0.5	<0.5	<0.5	<0.5
	7/13/00	<50	<0.5	<0.5	<0.5	<0.5
	9/26/00	<50	<0.5	<0.5	<0.5	<0.5
	12/29/00	<50	<0.5	<0.5	<0.5	<0.5
	12/21/01	<50	<0.5	<0.5	<0.5	<0.5
	9/30/02	<50	<0.5	<0.5	<0.5	<1.0
	12/21/02	<50	<0.5	<0.5	<0.5	<1.0
	6/19/03	<50	<0.5	<0.5	<0.5	<1.0
	9/14/04	<50	<0.5	<0.5	<0.5	<1.0
	3/16/07	<50	<0.5	<0.5	<0.5	<0.5
	9/14/07	<50	<0.5	<0.5	<0.5	<0.5

Well Sampling Reports

Groundwater Cleaners, Inc.

Cleaning California from the Groundwater up

347 Frederick Street, San Francisco, California 94117

(415) 665-6181

Well Sampling Data (09/14/07)
301 E. 14th Street
San Leandro, CA

WELL: MW-1

Well Purge Method: Submersible Pump
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 25.94

Notes: Definite petroleum odor

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	32.44	ft btoc
Depth to Water:	25.92	ft btoc
Height of Water:	6.52	ft
Three Well Volumes:	3.33	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
09/14/07	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	%	Depth *[ft]*
	0	Pre-Purge	nm	nm	nm	nm	nm	25.92		na
	1	Purging	nm	nm	6.89	nm	57.2	nm		na
	2	Purging	nm	nm	6.84	nm	56.6	nm		na
	4	Purging	nm	nm	6.82	nm	56.6	nm		na
	Total 4.0	Collect Sample	nm	nm	nm	nm	nm	25.94	99.69%	na

WELL: MW-2

Well Purge Method: Submersible pump
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 26.62

Notes: Slight petroleum odor

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	33.25	ft btoc
Depth to Water:	26.63	ft btoc
Height of Water:	6.62	ft
Three Well Volumes:	3.38	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
09/14/07	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	%	Depth *[ft]*
	0	Pre-Purge	nm	nm	nm	nm	nm	26.63		na
	1	Purging	nm	nm	6.84	nm	50.0	nm		na
	2	Purging	nm	nm	6.84	nm	50.7	nm		na
	4	Purging	nm	nm	6.84	nm	51.0	nm		na
	Total 4.0	Collect Sample	nm	nm	nm	nm	nm	26.62	100.15%	na

WELL: MW-3

Well Purge Method: Disposable Bailer
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 25.80

Note: Strong TPH odor present

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	34.94	ft btoc
Depth to Water:	25.75	ft btoc
Height of Water:	9.19	ft
Three Well Volumes:	4.69	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
09/14/07	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	%	Depth *[ft]*
	0	Pre-Purge	nm	nm	nm	nm	nm	25.75		na
	1	Purging	nm	nm	6.92	nm	55.5	nm		na
	2	Purging	nm	nm	6.89	nm	55.2	nm		na
	4	Purging	nm	nm	6.90	nm	55.4	nm		na
	Total 4.0	Collect Sample	nm	nm	nm	nm	nm	25.80	99.46%	na

Well Sampling Data (06/10/06)
301 E. 14th Street
San Leandro, CA

WELL: MW-4

Well Purge Method: Disposable Bailer
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 26.10

Note: Strong petroleum odor

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	34.53	ft btoc
Depth to Water:	26.11	ft btoc
Height of Water:	8.42	ft
Three Well Volumes:	4.29	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
9/14/2007	0- Static	Pre-Purge	nm	nm	nm	nm	nm	26.11		na
	1	Purging	nm	nm	6.94	nm	55.7	nm		na
	2	Purging	nm	nm	6.91	nm	55.2	nm		na
	4	Purging	nm	nm	6.91	nm	55.4	nm		na
	Total 4.5	Collect Sample	nm	nm	nm	nm	nm	26.10	100.12%	na

WELL: MW-5

Well Purge Method: Disposable Bailer
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 0.00

Dry

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	21.62	ft btoc
Depth to Water:	Dry	ft btoc
Height of Water:	n/a	ft
Three Well Volumes:	0.00	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*C*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
9/14/2007	0- Static	Pre-Purge	nm	nm	nm	nm	nm	Dry		na
		Purging	nm	nm	nm	nm	nm	nm		na
		Purging	nm	nm	nm	nm	nm	nm		na
		Purging	nm	nm	nm	nm	nm	nm		na
	nm	Collect Sample	nm	nm	nm	nm	nm		Dry	na

WELL: MW-6

Well Purge Method: Submersible pump
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 24.60

Note: Strong petroleum odor

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	31.29	ft btoc
Depth to Water:	24.58	ft btoc
Height of Water:	6.71	ft
Three Well Volumes:	3.42	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
09/14/07	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
	0	nm	nm	nm	nm		nm	24.58		
	1	nm	nm	nm	7.43	nm	61.5	nm		
	2	nm	nm	nm	7.26	nm	61.1	nm		
	4	nm	nm	nm	6.96	nm	60.8	nm		
	Total 4.0	nm	nm	nm	nm	nm	nm	24.60	99.70%	

Groundwater Cleaners, Inc.

Well Sampling Data (09/14/07)
301 E. 14th Street
San Leandro, CA

WELL: MW-8

Well Purge Method: Submersible Pump
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 26.14

Note: No petroleum odors

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	29.69	ft btoc
Depth to Water:	26.12	ft btoc
Height of Water:	3.57	ft
Three Well Volumes:	1.82	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
09/14/07	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
	0	nm	nm	nm	nm	nm	nm	26.12	25	na
	1		nm	nm	6.80	nm	60.2	nm		na
	2		nm	nm	6.81	nm	57.7	nm		na
	4		nm	nm	6.69	nm	57.7	nm		na
	Total 4.0		nm	nm	nm	nm	nm	26.14	99.44%	na

WELL: MW-9

Well Purge Method: Disposable Bailer
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 25.60

Well not monitored

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	32.97	ft btoc
Depth to Water:	25.58	ft btoc
Height of Water:	6.39	ft
Three Well Volumes:	3.26	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
09/14/07	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
	0	nm	nm	nm	nm	nm	nm	25.58		
	1	nm	nm	nm	6.84	nm	57.7	nm		
	2	nm	nm	nm	6.90	nm	57.9	nm		
	4	nm	nm	nm	6.91	nm	58.1	nm		
	Total 4.0	nm	nm	nm	nm	nm	nm	25.60	99.69%	

WELL: MW-10

Well Purge Method: Submersible pump
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 26.88

Petroleum odor noticed

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	37.87	ft btoc
Depth to Water:	26.87	ft btoc
Height of Water:	11.00	ft
Three Well Volumes:	5.61	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
09/14/07	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
	0- Static	Pre-Purge	nm	nm	nm	nm	nm	26.87		na
	2	Purging	nm	nm	6.81	nm	58.2	nm		na
	4	Purging	nm	nm	6.75	nm	59.3	nm		na
	6	Purging	nm	nm	6.79	nm	59.5	nm		na
	Total 7.0	Collect Sample	nm	nm	6.81	nm	59.5	26.88	99.91%	na

Groundwater Cleaners, Inc.

Well Sampling Data (09/14/07)
301 E. 14th Street
San Leandro, CA

WELL: MW-11

Well Purge Method: Submersible pump
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 24.72

Notes: No petroleum odor present.

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	33.70	ft btoc
Depth to Water:	24.72	ft btoc
Height of Water:	8.98	ft
Three Well Volumes:	4.58	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
9/14/2007	0- Static	Pre-Purge	nm	nm	nm	nm	nm	24.72		na
	2	Purging	nm	nm	6.92	nm	58.8	nm		na
	4	Purging	nm	nm	6.92	nm	58.8	nm		na
	6	Purging	nm	nm	6.92	nm	58.8	nm		na
	Total 6.0	Collect Sample	nm	nm	nm	nm	nm	24.72	100.00%	na

WELL: MW-12

Well Purge Method: Submersible pump
Sample Collection Method: Disposable Bailer
Sample Collection Depth: na

Note: Well not accessible

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	30.43	ft btoc
Depth to Water:	na	ft btoc
Height of Water:	na	ft
Three Well Volumes:	na	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
9/14/2007	0- Static	Pre-Purge	nm	nm	nm	nm	nm	na		na
	1	Purging	nm	nm	nm	nm	nm	nm		na
	2	Purging	nm	nm	nm	nm	nm	nm		na
	4	Purging	nm	nm	nm	nm	nm	nm		na
	Total 4.0	Collect Sample	nm	nm	nm	nm	nm	26.56	100.00%	na

WELL: 141 Farrelly Dr.

Well Purge Method: Submersible pump
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 25.98

Note: No petroleum odor

Well Screen Interval:	-	ft bgs
Casing Diameter:	10	inches
Total Depth of Well:	33.88	ft btoc
Depth to Water:	25.98	ft btoc
Height of Water:	7.90	ft
Three Well Volumes:	100.72	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
09/14/07	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
	0		nm	nm	nm	nm	nm	21.37		na
	2		nm	nm	6.89	nm	55.9			na
	4		nm	nm	6.89	nm	55.9			na
	6		nm	nm	6.89	nm	55.9			na
	Total 6.0		nm	nm	nm	nm	nm	25.98	100.00%	na

Well Sampling Data (09/14/07)
301 E. 14th Street
San Leandro, CA

WELL: MW-13

Well Purge Method: Submersible pump
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 26.88

Notes: No petroleum odor present.

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	37.47	ft btoc
Depth to Water:	26.85	ft btoc
Height of Water:	10.62	ft
Three Well Volumes:	5.42	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
9/14/2007	0- Static	Pre-Purge	nm	nm	nm	nm	nm	26.85		na
	2	Purging	nm	nm	6.75	nm	57.5	nm		na
	4	Purging	nm	nm	6.75	nm	57.2	nm		na
	6	Purging	nm	nm	6.72	nm	57.5	nm		na
	Total 6.0	Collect Sample	nm	nm	nm	nm	nm	26.88	99.45%	na

WELL: MW-14

Well Purge Method: Submersible pump
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 26.56

Notes: No odor present.

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	30.43	ft btoc
Depth to Water:	26.56	ft btoc
Height of Water:	3.87	ft
Three Well Volumes:	1.97	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
9/14/2007	0- Static	Pre-Purge	nm	nm	nm	nm	nm	26.56		na
	1	Purging	nm	nm	6.92	nm	58.6	nm		na
	2	Purging	nm	nm	6.64	nm	57.2	nm		na
	4	Purging	nm	nm	6.64	nm	57.5	nm		na
	Total 4.0	Collect Sample	nm	nm	nm	nm	nm	26.56	100.00%	na

WELL: MW-1A

Well Purge Method: Submersible pump
Sample Collection Method: Disposable Bailer
Sample Collection Depth: 25.14

Petroleum odor noted

Well Screen Interval:	-	ft bgs
Casing Diameter:	2	inches
Total Depth of Well:	33.88	ft btoc
Depth to Water:	25.13	ft btoc
Height of Water:	8.75	ft
Three Well Volumes:	4.46	gal

Date/Time	Purge	Purge	D.O.	O.R.P.	pH	Cond.	Temp	DTW	Recovery	Pump
09/14/07	Vol. *[Gal]*	Status	*ppm*	*mV*		*uS*	*F*	BTOC *[ft]*	Sample Depth	Depth *[ft]*
	0		nm	nm	nm	nm	nm	21.37		na
	2		nm	nm	6.82	nm	59.3			na
	4		nm	nm	6.82	nm	59.0			na
	6		nm	nm	6.82	nm	59.1			na
	Total 6.0		nm	nm	nm	nm	nm	25.14	99.88%	na

Groundwater Cleaners, Inc.

Analytical Reports

Groundwater Cleaners, Inc.

Cleaning California from the Groundwater up

347 Frederick Street, San Francisco, California 94117

(415) 665-6181

McCampbell Analytical, Inc.
"When Quality Counts"

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Groundwater Cleaners 347 Frederick Street San Francisco, CA 94117	Client Project ID: #301; German Autocraft	Date Sampled: 09/14/07
		Date Received: 09/14/07
	Client Contact: Glenn Reierstad	Date Reported: 09/20/07
	Client P.O.:	Date Completed: 09/20/07

WorkOrder: 0709339

September 20, 2007

Dear Glenn:

Enclosed are:

1). the results of **13** analyzed samples from your **#301; German Autocraft project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

0709339 GCF

McCAMPBELL ANALYTICAL, INC.

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PACHECO, CA 94553-5560
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

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

EDF Required? Coelt (Normal) ~~No~~ ~~WriteOn (DW)~~ ~~No~~

Report To: Glenn Reierstad	**Bill To:** Same
Company: Groundwater Cleaners	
347 Frederick Street	
San Francisco, CA 94117	**E-Mail:** reierstad@msn.com
Tele: (415) 665-6181	**Fax:** (415) 566-3556
Project #: 301	**Project Name:** German Autocraft
Project Location: 301 E. 14th Street, San Leandro, CA	
Sampler Signature: Reierstad	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / Motor Oil (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other			Comments
f MW-1		9/14		2	V	X					X	X			X																				Filter Samples for Metals analysis: Yes / No
f MW-2																																			
f MW-3																																			
f MW-4																																			
f MW-6																																			
f MW-8																																			
f MW-9																																			
f MW-10																																			
f MW-11																																			
~~MW-12~~																																			
f MW-13																																			
f MW-14																																			
f MW-1A																																			
f ~~1811~~ 141 Faraday																																			

Relinquished By: Reierstad	**Date:** 9/14	**Time:** 100	**Received By:**
Relinquished By:	**Date:**	**Time:**	**Received By:**
Relinquished By:	**Date:**	**Time:**	**Received By:**

ICE/t° 1120 ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB ____

COMMENTS:

PRESERVATION: VOAS | O&G | METALS pH<2 | OTHER

Do you need this report emailed? Yes ____ No ____

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0709339 **ClientID: GCF**

☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Glenn Reierstad
Groundwater Cleaners
347 Frederick Street
San Francisco, CA 94117

Email: reierstad@msn.com
TEL: 415-577-9383 FAX: 415-566-3556
ProjectNo: #301; German Autocraft
PO:

Bill t
Glenn Reirstad
Groundwater Cleaners
347 Frederick Street
San Francisco, CA 94117

Requested TAT: 5 days

Date Received **09/14/2007**
Date Printed: **09/14/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0709339-001	MW-1	Water	9/14/2007	☐	A	A										
0709339-002	MW-2	Water	9/14/2007	☐	A											
0709339-003	MW-3	Water	9/14/2007	☐	A											
0709339-004	MW-4	Water	9/14/2007	☐	A											
0709339-005	MW-6	Water	9/14/2007	☐	A											
0709339-006	MW-8	Water	9/14/2007	☐	A											
0709339-007	MW-9	Water	9/14/2007	☐	A											
0709339-008	MW-10	Water	9/14/2007	☐	A											
0709339-009	MW-11	Water	9/14/2007	☐	A											
0709339-010	MW-13	Water	9/14/2007	☐	A											
0709339-011	MW-14	Water	9/14/2007	☐	A											
0709339-012	MW-1A	Water	9/14/2007	☐	A											
0709339-013	141 Favalley	Water	9/14/2007	☐	A											

Test Legend:

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

Prepared by: Chloe Lam

Comments:

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.

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"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Groundwater Cleaners**
Date and Time Received: **9/14/2007 4:57:41 PM**

Project Name: **#301; German Autocraft**
Checklist completed and reviewed by: Chloe Lam

WorkOrder N°: **0709339** Matrix Water
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 16.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

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Groundwater Cleaners	Client Project ID: #301; German Autocraft	Date Sampled: 09/14/07
347 Frederick Street		Date Received: 09/14/07
San Francisco, CA 94117	Client Contact: Glenn Reierstad	Date Extracted: 09/17/07-09/19/07
	Client P.O.:	Date Analyzed 09/17/07-09/19/07

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

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0709339

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	92,000,a	ND<250	1000	9400	4300	23,000	50	101
002A	MW-2	W	11,000,a	ND<50	2200	53	72	150	10	116
003A	MW-3	W	6700,a	ND<10	16	44	200	400	1	117
004A	MW-4	W	10,000,a	ND<50	1300	96	440	560	10	94
005A	MW-6	W	ND	ND	ND	ND	ND	ND	1	97
006A	MW-8	W	1300,a,m	ND	1.3	20	3.0	1.6	1	103
007A	MW-9	W	2600,a,m	ND	1.4	28	13	3.2	1	116
008A	MW-10	W	5800,a	ND<10	55	18	22	15	1	99
009A	MW-11	W	ND	ND	ND	ND	ND	ND	1	114
010A	MW-13	W	ND	ND	ND	ND	ND	ND	1	89
011A	MW-14	W	ND	ND	ND	ND	ND	ND	1	98
012A	MW-1A	W	1500,a,m	ND	1.1	15	2.8	1.8	1	97
013A	141 Favalley	W	ND	ND	ND	ND	ND	ND	1	91

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0709339

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 30629	Spiked Sample ID: 0709334-001B

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	106	104	2.48	80	95.5	17.7	70 - 130	30	70 - 130	30
MTBE	ND	10	96.3	105	8.71	94.6	105	10.2	70 - 130	30	70 - 130	30
Benzene	ND	10	95.7	104	8.26	99.1	106	6.49	70 - 130	30	70 - 130	30
Toluene	ND	10	91	101	9.90	97.1	103	6.17	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	91.8	99.7	8.23	99.5	105	5.30	70 - 130	30	70 - 130	30
Xylenes	ND	30	90.7	95	4.67	92.7	100	7.61	70 - 130	30	70 - 130	30
%SS:	112	10	109	111	2.49	106	112	5.99	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 30629 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0709339-001A	09/14/07	09/17/07	09/17/07 10:07 PM	0709339-002A	09/14/07	09/17/07	09/17/07 11:47 PM
0709339-003A	09/14/07	09/17/07	09/17/07 8:28 PM	0709339-004A	09/14/07	09/19/07	09/19/07 9:32 AM
0709339-005A	09/14/07	09/18/07	09/18/07 11:18 PM	0709339-006A	09/14/07	09/18/07	09/18/07 12:53 AM
0709339-007A	09/14/07	09/18/07	09/18/07 1:26 AM	0709339-008A	09/14/07	09/18/07	09/18/07 4:10 AM
0709339-009A	09/14/07	09/19/07	09/19/07 4:44 AM	0709339-010A	09/14/07	09/18/07	09/18/07 6:21 AM
0709339-011A	09/14/07	09/19/07	09/19/07 5:16 AM	0709339-012A	09/14/07	09/18/07	09/18/07 7:26 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

DHS ELAP Certification N° 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0709339

EPA Method SW8021B/8015Cm **Extraction SW5030B** **BatchID: 30637** **Spiked Sample ID: 0709363-004A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	105	95.1	9.67	97.2	95	2.29	70 - 130	30	70 - 130	30
MTBE	ND	10	88.8	77.8	13.3	98.2	94.2	4.09	70 - 130	30	70 - 130	30
Benzene	ND	10	93.2	83.9	10.5	101	101	0	70 - 130	30	70 - 130	30
Toluene	ND	10	93.2	83.7	10.7	97.1	97	0.124	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	97.4	88.2	9.98	98	98.9	0.911	70 - 130	30	70 - 130	30
Xylenes	ND	30	110	100	9.52	95.3	95.3	0	70 - 130	30	70 - 130	30
%SS:	106	10	90	95	4.63	105	105	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 30637 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0709339-013A	09/14/07	09/18/07	09/18/07 8:31 AM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.