FIRST QUARTER 2001

QUARTERLY GROUNDWATER MONITORING PROGRAM

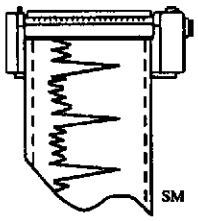
GERMAN AUTOCRAFT
301 E. 14TH STREET, SAN LEANDRO, CALIFORNIA

Prepared For:

Mr. Seung Lee
German Autocraft

JUN 2 0 2001

Prepared by:



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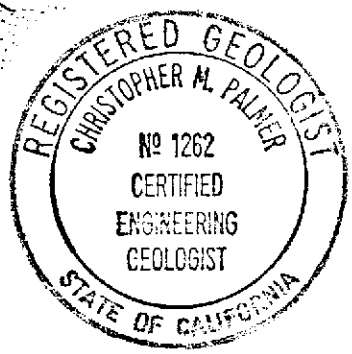

Report issued May 21, 2001

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I. INTRODUCTION

Environmental Testing (ET) has continued the quarterly groundwater monitoring program during the calendar first quarter 2001 at German Autocraft located at 301 East 14th Street in the City of San Leandro, Alameda County, California (**Figure 1**). This report is submitted to the Alameda County Department of Environmental Health (ACDEH) on behalf of Mr. Seung Lee, owner of German Autocraft.

The purpose of this quarterly monitoring program is to evaluate groundwater quality in the area of five former underground fuel storage tanks (USTs) that were removed in 1990. Data accumulated from the program will be used to assess seasonal groundwater level fluctuations, changing groundwater quality conditions, and provide data which will support the development of corrective action plans at the site. The quarterly monitoring program presents a description of the groundwater monitoring activities, a compilation of groundwater quality and elevation data and a brief description of the progress of the development of corrective actions at the site.

The groundwater monitoring program this period involved sampling and testing selected monitoring wells and one (1) private well located at the Ramirez residence at 141 Farrelly Drive. Three additional monitoring wells were installed January 2001. The current schedule of the monitoring program is as follows:

Quarterly:	141 Farrelly, MW-2, MW-3, MW-8, MW-9, MW-10, MW-12, MW-13, and MW-14
Semi-Annual:	MW-1A, MW-11, and MW-6
Annual:	MW-1, MW-4, and MW-5

II. BACKGROUND

German Autocraft is located at 301 E. 14th Street in San Leandro (see Location Map, **Figure 1**). The approximate locations of buildings, property boundaries, and adjacent streets are presented on the Site Map, **Figure 2.** For detailed descriptions of prior environmental activities at the subject site, please refer to the references section of this report for a listing of reports which have been submitted to the ACDEH.

III. WORK PERFORMED DURING FIRST QUARTER 2001

Work for the groundwater monitoring program included groundwater level gauging and sampling, sample analysis, and report preparation.

Activity highlights during this period are as follows:

- **March 15, 2001** - ET developed the newly installed monitoring wells MW-12, MW-13, and MW-14 by surging and pumping fine grained-sediments from each of the wells.
- **March 20, 2001** - ET collected groundwater samples according to the scheduled monitoring program.
- **March 30, 2001** - ET measured groundwater elevations at wells and supervised an elevation survey of all wells in the program by David Purcell with Lee Engineers, Inc.

IV. GROUNDWATER ELEVATION AND GRADIENT

Static groundwater level elevation data collected on March 30, 2001 indicated that over the area studied, the elevation of the shallow groundwater surface ranged from 26.41 to 27.47 feet above

mean sea level. The estimated groundwater flow direction was westerly (approximate gradient = 0.002 ft/ft).

Table 1 presents the recent groundwater elevation data and **Figure 3** shows estimated groundwater flow direction as interpreted from the groundwater potentiometric elevation data. **Table 2** presents historic groundwater elevation data.

The groundwater flow patterns observed this quarter are consistent with previous observations.

V. GROUNDWATER SAMPLING AND ANALYTICAL RESULTS

On March 20, 2000, groundwater samples were collected from all monitoring wells in the program and the private well at 141 Farrelly Drive following the groundwater sampling procedures presented in **Appendix A.** The groundwater samples were analyzed for TPHg, BTEX by EPA Methods 5030, 8015, and 8020 as tabulated on **Table 3.** Also, all samples from monitoring wells were analyzed for MTBE by EPA Method 8020 with confirmation testing of positive results by EPA Method 8260 (no MTBE was found above detection limits). In addition, the sample collected at the private well at 141 Farrelly Drive was tested for MTBE and related oxygenates by EPA Method 8260 (**Table 4**). All samples were tested by Entech Analytical Labs, Inc. of Sunnyvale, California. The laboratory report and chain-of-custody documents are included in **Appendix B.** The field sampling data sheets are presented in **Appendix C.** The quality assurance/quality control description is included in **Appendix D.** Historic groundwater chemical test data by EPA Methods 5030, 8015, and 8020 is tabulated in **Table 5.** A City of San Leandro encroachment permit is included in **Appendix E.** The elevation survey of all wells in the current monitoring well array by Lee Engineers, Inc. is included in **Appendix E.**

Selected BTEX chemical constituents continue to exceed their respective California Drinking Water Maximum Contaminant Levels (MCLs) or Federal Action Levels (AL) (see test results **Table 3**).

VI. DISCUSSION AND CONCLUSIONS

Selected wells' various chemical constituents continue to exceed their respective California Drinking Water Maximum Contaminant Levels (MCLs) or Federal Action Levels (AL).

The testing program for samples collected during March 2001 included testing for MTBE by EPA Method 8020, and confirmation testing of positive test results (as was the case at wells MW-10, MW-12, and MW-1A) indicated that MTBE was not detected at any of the monitoring wells in the GA well network. Also, the historical irrigation well located at 141 Farrelly Drive was sampled and tested for MTBE and related oxygenates by EPA Method 8260 and none of the compounds were detected. These test results are consistent with historical testing for MTBE and related compounds for the subject site.

Available data, including data from the March 30, 2001 gauging events, indicate that groundwater flow patterns beneath the site are consistent with previous monitoring events for the project.

Based on the current coverage of the monitoring well array, and a sizable monitoring data set, we recommend a further reduction in the monitoring program if acceptable by the ACDEH. We recommend that all wells currently monitored on a quarterly basis (see page 2 for current monitoring schedule) be sampled less frequently, on a semi-annual basis. Also, we recommend that wells currently monitored on a semi-annual basis be monitored annually along with other wells currently on an annual schedule.

VII. LIMITATIONS

The data, information, interpretations and recommendations contained in this report are presented to meet current suggested regulatory requirements for determining groundwater quality on the site. Environmental Testing is not responsible for laboratory errors or completeness of other consultants reports, and no warranty is made or implied therein.

The conclusions and professional opinions presented herein were developed by ETM using site specific data in accordance with current regulatory guidance and the opinions expressed are subject to revisions in light of new information which may develop in the future.

VIII. REFERENCES

California Code of Regulations, Title 22, 66260.21, "Environmental Health Standards", 6/23/95.

Code of Federal Regulations, 40 CFR 260, "Hazardous Waste Management System: General, 7/1/94.

Chemist Enterprises, *Soil and Water Investigation at German Autocraft, 301 East 14th Street, San Leandro, California*, April 12, 1995

The Environmental Construction Company, *Preliminary Soil and Groundwater Contamination Assessment, German Autocraft, 301 East 14th Street, San Leandro, California,* February 1991.

The Environmental Construction Company, *Underground Storage Tank Removals, German Autocraft, 301 East 14th Street, San Leandro, California,* November 1990.

Environmental Testing, *First Quarter 2001 Quarterly Groundwater Monitoring Program German Autocraft, 301 East 14th Street, San Leandro, California*, May 21, 2001.

Environmental Testing, *Installation of Three Groundwater Monitoring Wells German Autocraft, 301 East 14th Street, San Leandro, California*, March 26, 2001.

Environmental Testing, *Fourth Quarter 2000 Quarterly Groundwater Monitoring Program German Autocraft, 301 East 14th Street, San Leandro, California*, March 26, 2001.

Environmental Testing, *Third Quarter 2000 Quarterly Groundwater Monitoring Program German Autocraft, 301 East 14th Street, San Leandro, California*, October 20, 2000.

Environmental Testing, *Second Quarter /July 2000 Quarterly Groundwater Monitoring Program German Autocraft, 301 East 14th Street, San Leandro, California*, August 14, 2000.

Environmental Testing and Management, *First Quarter 2000 Quarterly Groundwater Monitoring Program German Autocraft, 301 East 14th Street, San Leandro, California*, March 27, 2000.

Environmental Testing and Management, *Third and Fourth Quarters 1999 Quarterly Groundwater Monitoring Program German Autocraft, 301 East 14th Street, San Leandro, California*, February 4, 2000.

Environmental Testing and Management, *First Quarter 1999 Quarterly Groundwater Monitoring Report, German Autocraft, 301 East 14th Street, San Leandro, California*, July 13, 1999.

Environmental Testing and Management, *Fourth Quarter 1998 Quarterly Groundwater Monitoring Report, German Autocraft, 301 East 14th Street, San Leandro, California*, January 29, 1999.

Environmental Testing and Management, *Third Quarter 1998 Installation of Six Groundwater Monitoring Wells and Quarterly Monitoring Report, German Autocraft, 301 East 14th Street, San Leandro, California*, November 16, 1998.

Environmental Testing and Management, *Second Quarter 1998 Quarterly Groundwater Monitoring Report, German Autocraft, 301 East 14th Street, San Leandro, California*, July 10, 1998.

Environmental Testing and Management, *First Quarter 1998 Quarterly Groundwater Monitoring Report, German Autocraft, 301 East 14th Street, San Leandro, California*, May 21, 1998.

Environmental Testing and Management, *Fourth Quarter 1997 Quarterly Groundwater Monitoring Report, German Autocraft, 301 East 14th Street, San Leandro, California*, December 18, 1997.

Environmental Testing and Management, *Third Quarter 1997 Quarterly Groundwater Monitoring Report, German Autocraft, 301 East 14th Street, San Leandro, California*, August 4, 1997.

Environmental Testing and Management, *Second Quarter 1997 Quarterly Groundwater Monitoring Report, German Autocraft, 301 East 14th Street, San Leandro, California*, June 11, 1997.

Environmental Testing and Management, *First Quarter 1997 Quarterly Groundwater Monitoring Report, German Autocraft, 301 East 14th Street, San Leandro, California*, March 24, 1997.

Environmental Testing and Management, *Fourth Quarter 1996 Quarterly Groundwater Monitoring Report, German Autocraft, 301 East 14th Street, San Leandro, California*, January 21, 1997.

Environmental Testing and Management, *Third Quarter 1996 Quarterly Groundwater Monitoring Report, German Autocraft, 301 East 14th Street, San Leandro, California*, November 18, 1996.

Environmental Testing and Management, *Second Quarter 1996 Environmental Activities Report, German Autocraft, 301 East 14th Street, San Leandro, California*, August 8, 1996.

Environmental Testing and Management, *Continued Soil and Water and Offsite Investigation at German Autocraft, 301 East 14th Street, San Leandro, California*, July 12, 1996.

Environmental Testing and Management, *First Quarter 1996 Environmental Activities Report, German Autocraft, 301 East 14th Street, San Leandro, California*, May 20, 1996.

Environmental Testing and Management, *Third Quarter 1995 Environmental Activities Report, German Autocraft, 301 East 14th Street, San Leandro, California*, October, 1995.

Environmental Testing and Management, *Fourth Quarter 1995 Environmental Activities Report, German Autocraft, 301 East 14th Street, San Leandro, California*, February, 1995.

Woodward-Clyde Consultants, *Hydrogeology of Central San Leandro and Remedial Investigation of Regional Groundwater Contamination, San Leandro Plume, San Leandro, California, Volume I*, December 23, 1993.

TABLE 1. FIRST QUARTER 2001 GROUNDWATER POTENTIOMETRIC SURFACE ELEVATION DATA

		MARCH 30, 2001	
WELL	CASING ELEVATION[1]	Depth to Groundwater	Groundwater Elevation
MW-1	49.40	21.93	27.47
MW-2	50.02	22.71	27.31
MW-3	49.32	21.93	27.39
MW-4	49.61	22.21	27.40
MW-5	49.63	Dry Well	-
MW-6	48.04	20.63	27.41
MW-8	49.34	22.20	27.14
MW-9	48.77	21.65	27.12
MW-10	49.93	23.14	26.79
MW-11	47.93	20.90	27.03
MW-12	48.46	21.75	26.71
MW-13	49.51	23.10	26.41
MW-14	49.54	22.53	27.01
MW-1A	48.23	21.21	27.02
141 Farrelly	48.76	22.25	26.51

[1]Elevations in feet above mean sea level.

TABLE 2. HISTORICAL GROUNDWATER ELEVATION DATA

Elevation in Feet Above Mean Sea Level

DATE	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-1A	141 Farralley
12/21/90	19.15	-	-	-	-	-	-	-	-	-	-	-
2/10/95	29.59	29.62	29.57	-	-	-	-	-	-	-	-	-
7/7/95	26.63	26.47	26.50	-	-	-	-	-	-	-	-	-
8/10/95	25.58	25.40	25.44	-	-	-	-	-	-	-	-	-
9/11/95	24.68	24.49	24.54	-	-	-	-	-	-	-	-	-
10/2/95	24.12	23.94	24.00	-	-	-	-	-	-	-	-	-
11/7/95	23.36	23.13	23.21	-	-	-	-	-	-	-	-	-
12/8/95	22.77	22.55	22.62	-	-	-	-	-	-	-	-	-
1/12/96	24.35	24.20	24.25	-	-	-	-	-	-	-	-	-
2/12/96	29.04	29.03	29.00	-	-	-	-	-	-	-	-	-
3/12/96	31.75	31.60	31.67	-	-	-	-	-	-	-	-	-
4/13/96	29.43	29.25	29.26	-	-	-	-	-	-	-	-	-
5/14/96	27.89	27.68	27.71	-	-	-	-	-	-	-	-	-
6/20/96	27.19	26.97	27.00	-	-	-	-	-	-	-	-	-

DATE	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-1A	141 Farralley
7/26/96	25.95	25.74	25.76	-	-	-	-	-	-	-	-	-
8/19/96	25.16	24.97	25.01	-	-	-	-	-	-	-	-	-
9/17/96	24.44	24.22	24.27	-	-	-	-	-	-	-	-	-
10/21/96	23.63	23.43	23.48	-	-	-	-	-	-	-	-	-
11/27/96	24.28	24.09	24.13	-	-	-	-	-	-	-	-	-
12/27/96	28.23	28.03	28.11	-	-	-	-	-	-	-	-	-
1/28/97	33.02	32.71	32.78	-	-	-	-	-	-	-	-	-
4/25/97	27.14	26.88	26.94	-	-	-	-	-	-	-	-	-
7/17/97	24.55	24.31	24.37	-	-	-	-	-	-	-	-	-
10/21/97	22.85	22.69	22.73	-	-	-	-	-	-	-	-	-
3/10/98	34.35	34.20	34.13	-	-	-	-	-	-	-	-	-
6/6/98	30.69	30.41	30.47	-	-	-	-	-	-	-	-	-
9/30/98	25.95	25.68	25.75	-	-	-	-	-	-	-	-	-
12/30/98	25.13	24.93	24.99	25.05	25.06	25.14	24.75	24.79	24.78	24.78	24.64	-
3/13/99	29.98	29.80	29.83	29.89	29.93	29.97	29.58	29.58	29.31	29.56	29.39	28.84

DATE	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-1A	141 Farralley
9/29/99	24.39	24.12	24.20	24.27	24.26	24.38	23.93	24.05	23.80	24.03	23.89	-
12/29/99	23.75	23.52	23.60	23.64	23.64	23.75	23.36	23.45	23.23	23.43	23.29	-
3/18/00	31.92	31.87	31.82	31.85	31.94	31.86	31.66	31.46	31.26	31.38	31.25	30.86
7/18/00	26.21	26.01	26.04	-	-	26.22	25.76	25.83	25.55	25.81	25.64	-
9/26/00	25.01	24.69	24.80	-	-	24.95	24.50	24.61	24.34	24.58	24.48	24.10
12/28/00	24.63	24.39	24.45	24.52	-	24.61	24.21	24.29	24.03	24.26	24.13	-

TABLE 3. GROUNDWATER CHEMICAL TEST RESULTS (EPA METHOD 8015/8020)

Locations: MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-1A, and 141 Farrelly

Date Sampled: March 20, 2001 Units: µg/L

WELL	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-1	120,000	3,600	41,000	4,700	25,000
MW-2	3,500	230	<10	<10	<10
MW-3	21,000	2,000	260	570	3,000
MW-4	10,000	700	620	<10	1,900
MW-6	160	<0.5	<0.5	<0.5	<0.5
MW-8	1,300	7.8	<2.5	<2.5	14
MW-9	8,200	40	<10	14	210
MW-10	4,500	48	6.0	<5	23
MW-11	<50	<0.5	<0.5	<0.5	<0.5
MW-12	4,100	28	6.2	<5	16
MW-13	<50	<0.5	<0.5	<0.5	<0.5
MW-14	200	<0.5	0.64	0.55	<0.5
MW-1A	4,800	30	6.0	<5	7.0
141 Farrelly	<50	<0.5	<0.5	<0.5	<0.5
MCL/AL[2]	-	1	150	700	1,750

[2]Maximum Contaminant Level or Action Level as established by the State of California, Division of Drinking Water and Environmental Management, Department of Health Services "Summary, Maximum Contaminant and Action Levels" November, 1994.

TABLE 4. GROUNDWATER CHEMICAL TEST RESULTS (EPA METHOD 8260)

Location: 141 Farrelly Drive

Date Sampled: March 20, 2001 Units: µg/L

WELL	DIPE	ETBE	MTBE	TAME	TBA
141 Farrelly	<5	<5	<5	<5	<20

TABLE 5. HISTORIC GROUNDWATER CHEMICAL TEST RESULTS (EPA METHOD 8015/8020)

Locations: MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-1A, 141 Farrelly Units: µg/L

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
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
	7/6/95	47,000	4,800	9,500	930	5,000
	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	2,900	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

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-1	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	120,000	3,600	41,000	4,700	25,000
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

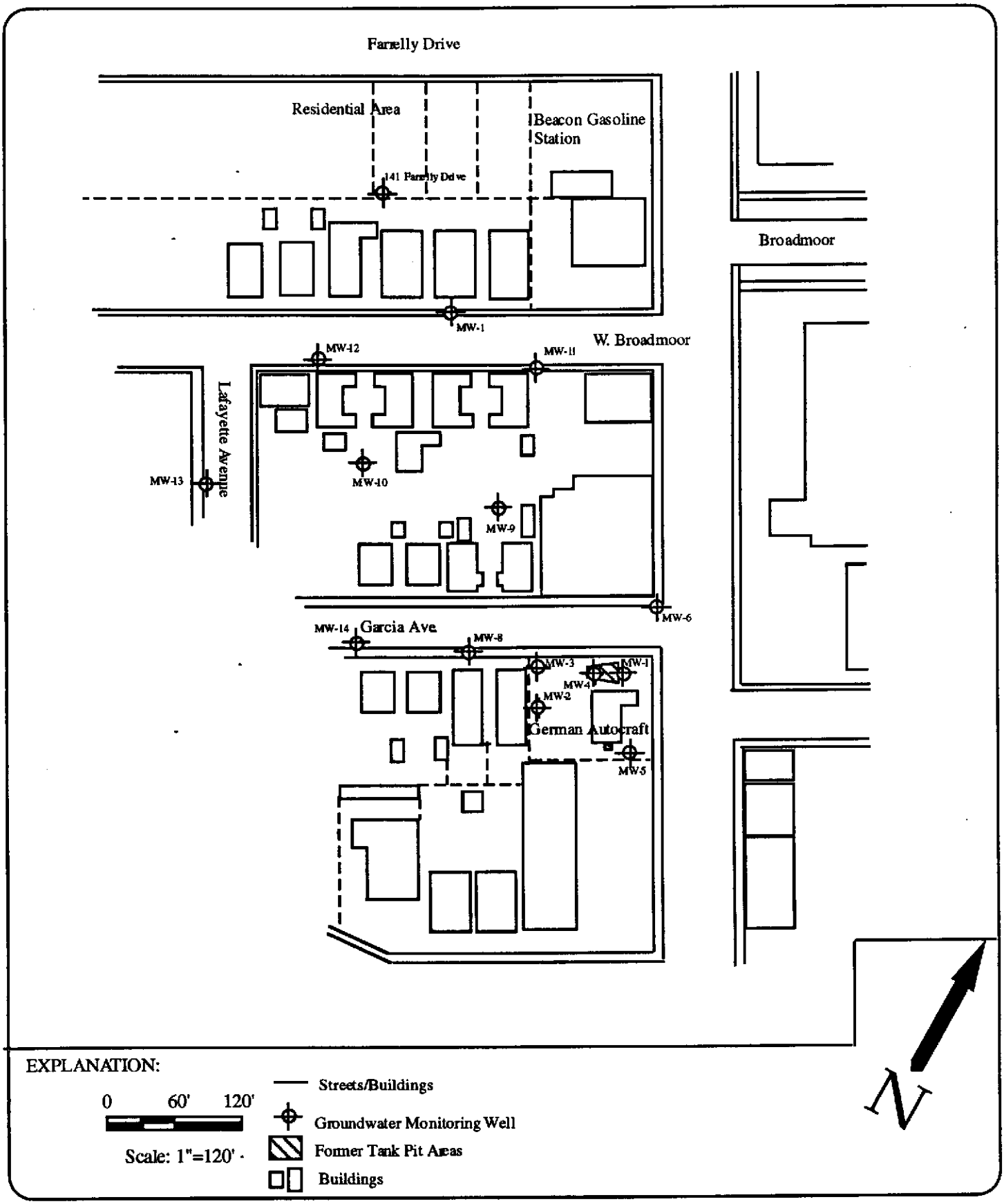
WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-2	3/10/98	19,000	730	44	820	1,000
	6/6/98	16,000	670	1,100	510	1,200
	9/30/98	24,000	600	77	680	580
	12/30/98	9,300	510	96	450	480
	3/23/99	5,700	580	9.4	400	280
	9/29/99	17,000	880	240	830	1,000
	12/29/99	11,000	800	11	860	780
	3/18/00	11,000	790	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
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

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-3	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	1000	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
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
MW-5	12/30/98	170	1.1	<0.5	<0.5	0.83
	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
MW-6	12/30/98	400	1.0	<0.5	<0.5	4.8

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-6	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
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
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

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
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
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
MW-12	3/20/01	4,100	28	6.2	<5	16
MW-13	3/20/01	<50	<0.5	<0.5	<0.5	<0.5
MW-14	3/20/01	200	<0.5	<0.5	<0.5	<0.5
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

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES
MW-1A	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
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



ENVIRONMENTAL TESTING
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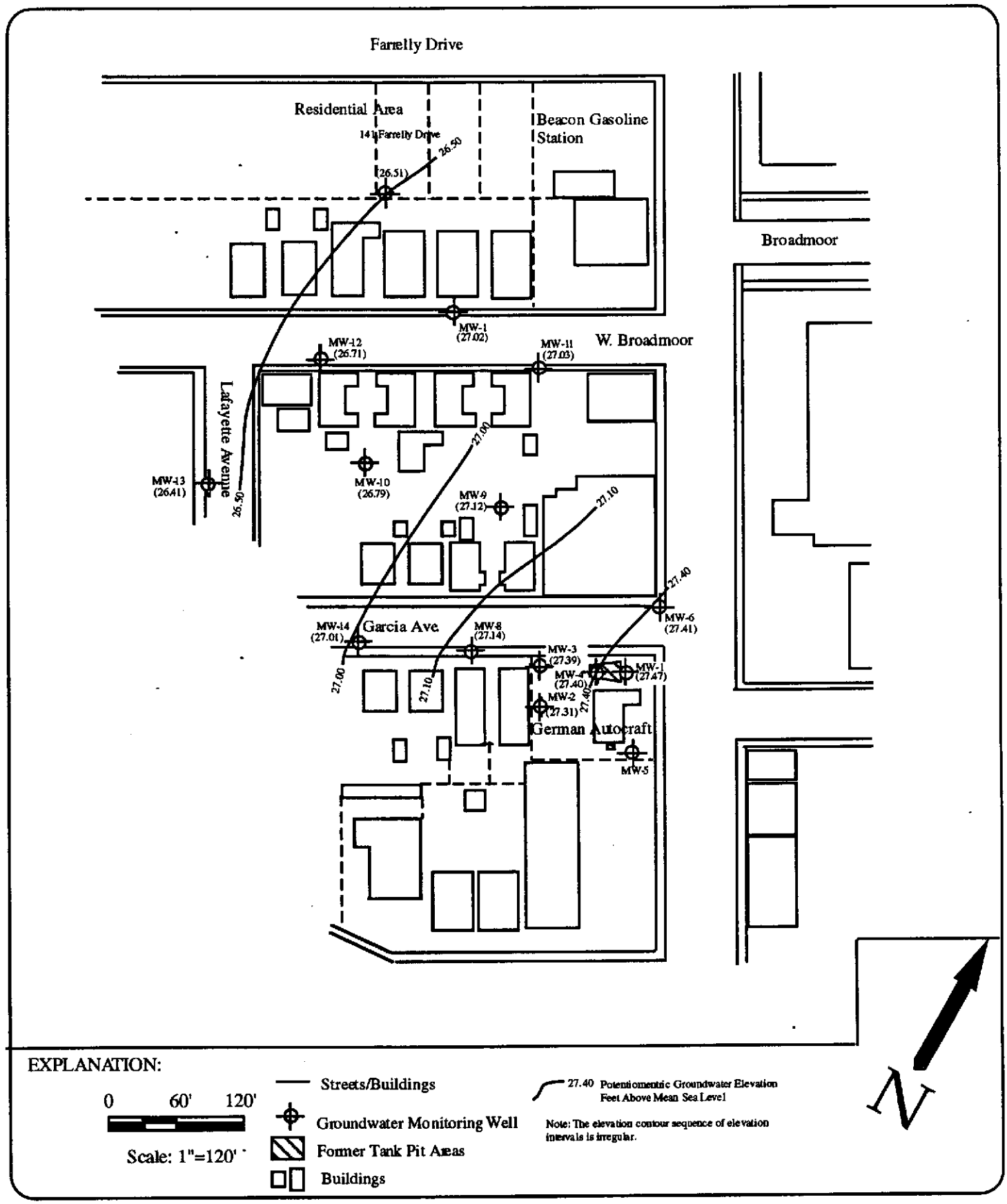
SAN JOSE, CA 95112

German Autocraft
301 East 14th Street
San Leandro, California

Figure 2

Date: 3/01



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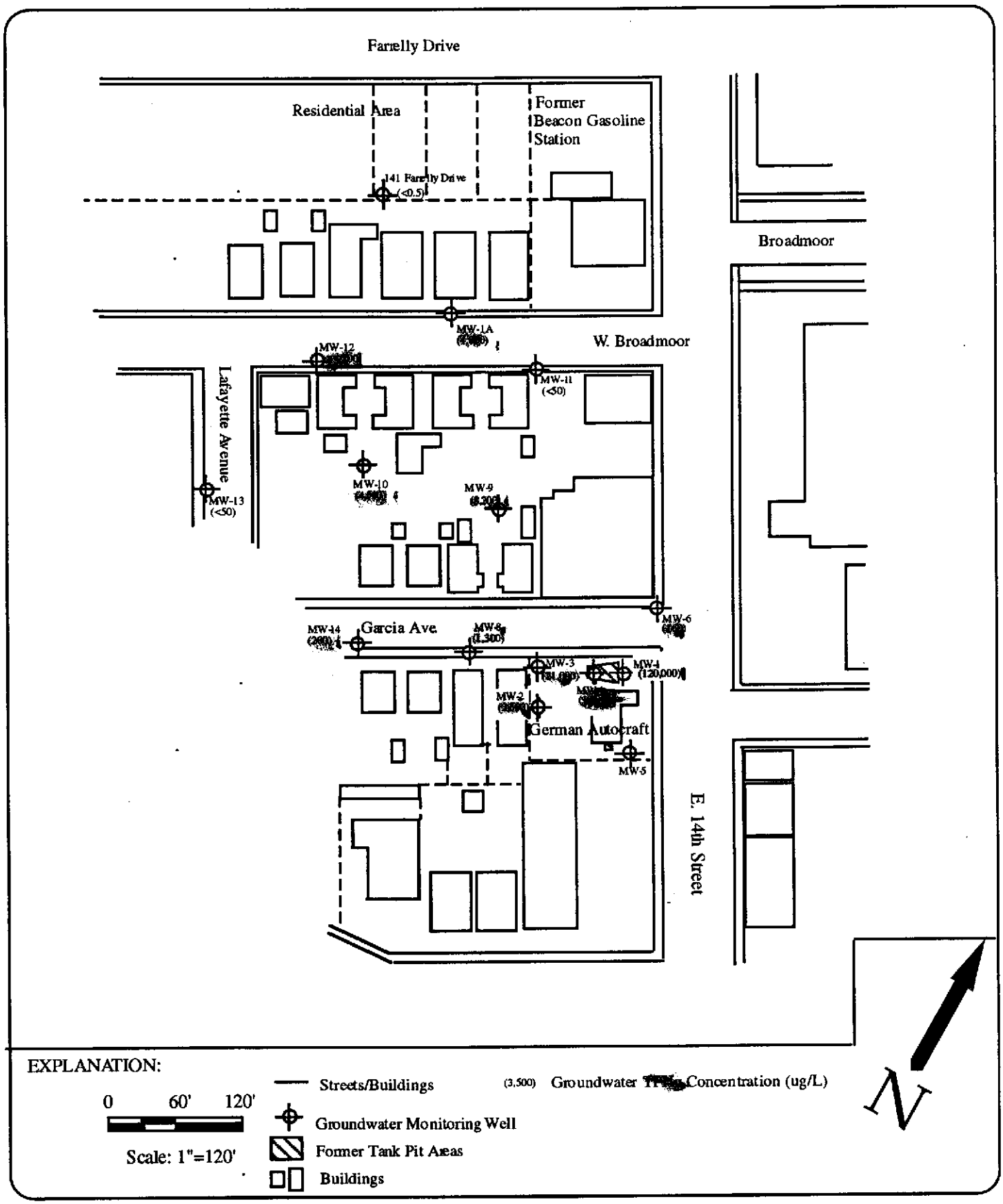
Groundwater Potentiometric Elevation Map (3/30/01)
German Autocraft
301 East 14th Street
San Leandro, California

Figure 3

Date: 5/01



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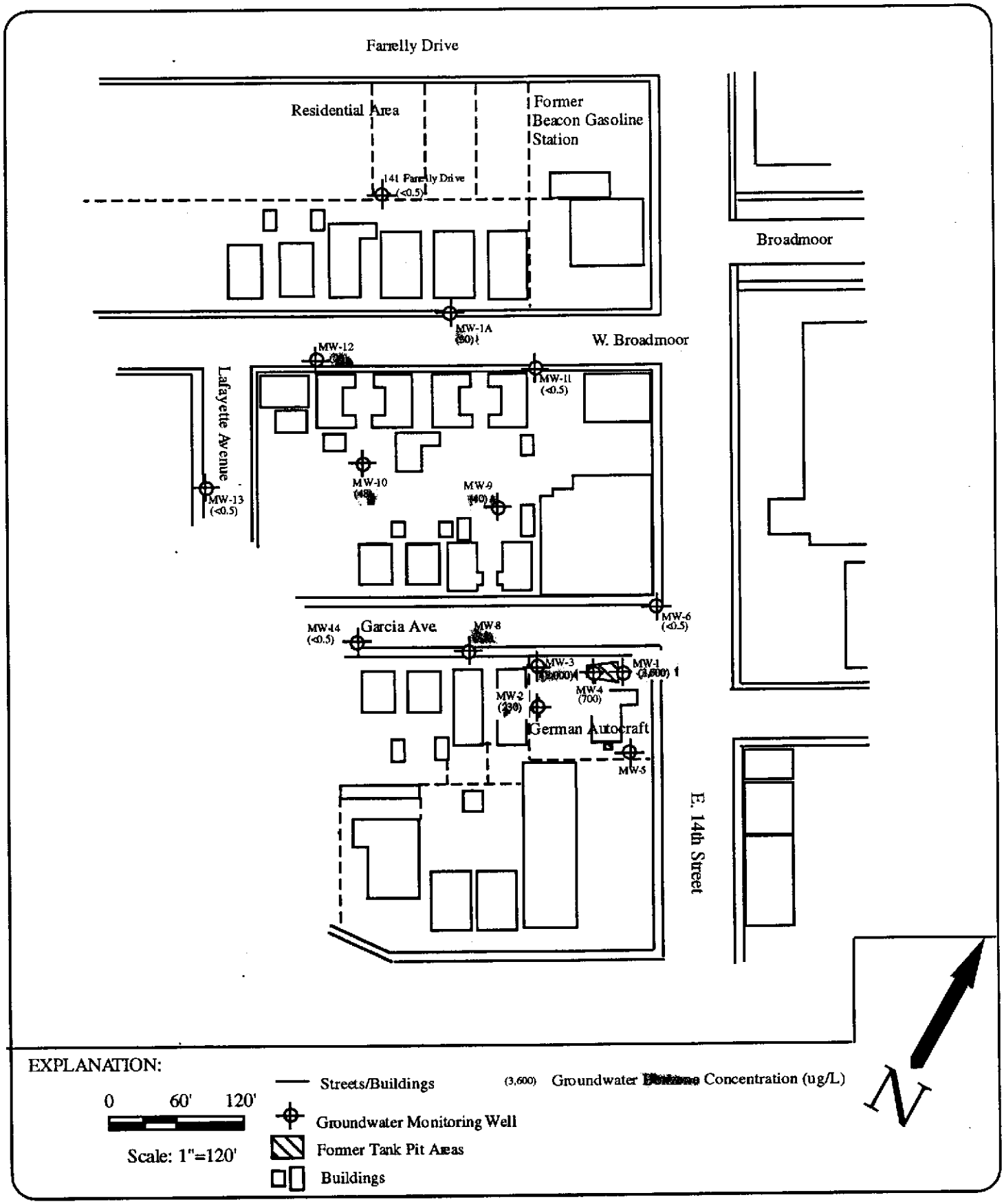
SAN JOSE, CA 95112
(408) 453-1800 FAX: (408) 453-1801

VICINITY MAP WITH GROUNDWATER
TPHg CONCENTRATIONS (3/20/01)
German Autocraft
301 East 14th Street
San Leandro, California

Figure 4

Date: 5/01



ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CA 95112
(408) 453-1800 FAX: (408) 453-1801

VICINITY MAP WITH GROUNDWATER
BENZENE CONCENTRATIONS (3/30/01)
German Autocraft
301 East 14th Street
San Leandro, California

Figure 5

Date: 5/01

APPENDIX A: FIELD SAMPLING AND GAUGING PROCEDURES

GROUNDWATER LEVEL MEASURING AND SAMPLING:

Sampling procedures commenced with measuring static water levels in monitoring wells using an electronic water level indicator accurate to 0.01 inch. Groundwater samples were collected using Teflon™ or stainless steel bailers. The bailers were cleaned prior to lowering into the groundwater by washing with Liquinox or laboratory grade detergent, rinsing with tap water, and drying. Floating product thickness was measured by gently lowering a bailer or preferably an interface sampler into the well casing. The liquid level in the sampler was allowed to equilibrate with the liquid level in the well. After raising the sampler, the thickness of floating product, if present, was measured in the transparent sampler with a ruler or noting the presence of sheen and odor. The wells were then purged a minimum of four well volumes or until the parameters of temperature, conductance, and pH stabilized.

Groundwater samples were collected by gently pouring from the bailer into a 40-milliliter vial until a positive meniscus formed at the top of the vial, each vial was capped, and visually inspected to make sure no bubbles were present. Sample containers are labeled for sampling point reference and chilled on ice immediately after collection. Chain-of-custody documentation was maintained until the samples were received by the laboratory.

Entech Analytical Labs, Inc.

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March 30, 2001

Tom Price
Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112

Order: 24853
Project Name:
Project Number:
Project Notes:

Date Collected: 3/20/01
Date Received: 3/21/01
P.O. Number:

On March 21, 2001, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Liquid	MTBE by EPA 8260B	EPA 8260B
	Oxygenates by EPA 8260B	EPA 8260B

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Michelle L. Anderson
Lab Director

Entech Analytical Labs, Inc.

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 03/30/01
Date Received: 3/21/01
Project Name:
Project Number:
P.O. Number:
Sampled By: Paul Romeo

Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-008 **Client Sample ID:** MW-10

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	3/28/01	WMS3010327B	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	114	65 - 135
Dibromofluoromethane	82	65 - 135
Toluene-d8	108	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 03/30/01
Date Received: 3/21/01
Project Name:
Project Number:
P.O. Number:
Sampled By: Paul Romeo

Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-010 **Client Sample ID:** MW-12

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	3/28/01	WMS3010327B	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	114	65 - 135
Dibromofluoromethane	84	65 - 135
Toluene-d8	107	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 03/30/01
Date Received: 3/21/01
Project Name:
Project Number:
P.O. Number:
Sampled By: Paul Romeo

Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-013 **Client Sample ID:** MW-1A

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	3/28/01	WMS3010327B	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	113	65 - 135
Dibromofluoromethane	84	65 - 135
Toluene-d8	107	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 03/30/01
Date Received: 3/21/01
Project Name:
Project Number:
P.O. Number:
Sampled By: Paul Romeo

Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-014 **Client Sample ID:** 141 Farrelly

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Diisopropyl Ether	ND		1	5	5	µg/L	3/28/01	WMS3010327B	EPA 8260B
Ethyl-t-butyl Ether	ND		1	5	5	µg/L	3/28/01	WMS3010327B	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/L	3/28/01	WMS3010327B	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	3/28/01	WMS3010327B	EPA 8260B
tert-Butanol	ND		1	20	20	µg/L	3/28/01	WMS3010327B	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	112	65 - 135
Dibromofluoromethane	88	57 - 139
Toluene-d8	109	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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March 28, 2001

Tom Price
Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112

Order: 24853
Project Name:
Project Number:
Project Notes:

Date Collected: 3/20/01
Date Received: 3/21/01
P.O. Number:

On March 21, 2001, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Liquid	Gas/BTEX/MTBE	EPA 8015 MOD. (Purgeable) EPA 8020

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Michelle L. Anderson
Lab Director

Entech Analytical Labs, Inc.

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 3/28/01
Date Received: 3/21/01
Project Name:
Project Number:
P.O. Number:
Sampled By: Paul Romeo

Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-001 **Client Sample ID:** MW-1

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	3600		250	0.5	125	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Toluene	41000		250	0.5	125	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Ethyl Benzene	4700		250	0.5	125	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Xylenes, Total	25000		250	0.5	125	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	92	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		250	5	1250	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	92	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	120000		250	50	12500	µg/L	N/A	3/26/01	WGC4010326A	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	97	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Attn: Tom Price

Date: 3/28/01
Date Received: 3/21/01
Project Name:
Project Number:
P.O. Number:
Sampled By: Paul Romeo

Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-002 **Client Sample ID:** MW-2

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	230		20	0.5	10	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Toluene	ND		20	0.5	10	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Ethyl Benzene	ND		20	0.5	10	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Xylenes, Total	ND		20	0.5	10	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	104	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		20	5	100	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	104	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	3500	x	20	50	1000	µg/L	N/A	3/27/01	WGC4010326B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	112	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Attn: Tom Price

Date: 3/28/01
Date Received: 3/21/01
Project Name:
Project Number:
P.O. Number:
Sampled By: Paul Romeo

Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-003 **Client Sample ID:** MW-3

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	2000		100	0.5	50	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Toluene	260		100	0.5	50	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Ethyl Benzene	570		100	0.5	50	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Xylenes, Total	3000		100	0.5	50	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	92	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		100	5	500	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	92	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	21000		100	50	5000	µg/L	N/A	3/26/01	WGC4010326A	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	96	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 3/28/01
Date Received: 3/21/01
Project Name:
Project Number:
P.O. Number:
Sampled By: Paul Romeo

Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-004 **Client Sample ID:** MW-4

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	700		20	0.5	10	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Toluene	620		20	0.5	10	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Ethyl Benzene	ND		20	0.5	10	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Xylenes, Total	1900		20	0.5	10	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	96	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		20	5	100	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	96	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	10000		20	50	1000	µg/L	N/A	3/26/01	WGC4010326A	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	102	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 3/28/01
Date Received: 3/21/01
Project Name:
Project Number:
P.O. Number:
Sampled By: Paul Romeo

Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-005 **Client Sample ID:** MW-6

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Xylenes, Total	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	94	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	94	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	160	x	1	50	50	µg/L	N/A	3/26/01	WGC4010326A	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	101	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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San Jose, CA 95112
Attn: Tom Price

Date: 3/28/01
Date Received: 3/21/01
Project Name:
Project Number:
P.O. Number:
Sampled By: Paul Romeo

Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-006 **Client Sample ID:** MW-8

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	7.8		5	0.5	2.5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Toluene	ND		5	0.5	2.5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Ethyl Benzene	ND		5	0.5	2.5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Xylenes, Total	14		5	0.5	2.5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	95	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		5	5	25	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	95	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	1300		5	50	250	µg/L	N/A	3/27/01	WGC4010326B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	100	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Sampled By: Paul Romeo

Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-007 **Client Sample ID:** MW-9

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	40		20	0.5	10	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Toluene	ND		20	0.5	10	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Ethyl Benzene	14		20	0.5	10	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Xylenes, Total	210		20	0.5	10	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	101	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		20	5	100	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	101	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	8200		20	50	1000	µg/L	N/A	3/27/01	WGC4010326B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	110	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-008 **Client Sample ID:** MW-10

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	48		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Toluene	6.0		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Ethyl Benzene	ND		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Xylenes, Total	23		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	101	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	81		10	5	50	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	101	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	4500		10	50	500	µg/L	N/A	3/27/01	WGC4010326B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	109	65 - 135

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Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-009 **Client Sample ID:** MW-11

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Xylenes, Total	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	89	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	89	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	3/26/01	WGC4010326A	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	97	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-010 **Client Sample ID:** MW-12

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	28		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Toluene	6.2		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Ethyl Benzene	ND		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Xylenes, Total	16		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	100	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	90		10	5	50	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	100	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	4100		10	50	500	µg/L	N/A	3/27/01	WGC4010326B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	109	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-011 **Client Sample ID:** MW-13

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020
Xylenes, Total	ND		1	0.5	0.5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	91	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	3/26/01	WGC4010326A	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	91	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	3/26/01	WGC4010326A	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	100	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-012 **Client Sample ID:** MW-14

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Toluene	0.64		1	0.5	0.5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Ethyl Benzene	0.55		1	0.5	0.5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Xylenes, Total	ND		1	0.5	0.5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	91	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	91	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	200		1	50	50	µg/L	N/A	3/27/01	WGC4010326B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	93	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Certified Analytical Report

Order ID: 24853 **Lab Sample ID:** 24853-013 **Client Sample ID:** MW-1A

Sample Time: **Sample Date:** 3/20/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	30		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Toluene	6.0		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Ethyl Benzene	ND		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020
Xylenes, Total	7.0		10	0.5	5	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	97	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	51		10	5	50	µg/L	N/A	3/27/01	WGC4010326B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	97	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	4800		10	50	500	µg/L	N/A	3/27/01	WGC4010326B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	102	65 - 135

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Quality Control Results Summary

QC Batch #: WGC4010326B
Matrix: Liquid
Units: µg/L
Date Analyzed: 3/26/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		561		457.0	LCS	81.5			65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		97			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		4.96	LCS	80.0			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		6.60	LCS	84.6			65.0 - 135.0
Toluene	EPA 8020	ND		35.8		30.5	LCS	85.2			65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		35.1	LCS	81.6			65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		96			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		52.8		35.8	LCS	67.8			65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		96			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		561		453.9	LCSD	80.9	0.68	25.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		98			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		4.82	LCSD	77.7	2.86	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		6.52	LCSD	83.6	1.22	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		35.8		30.6	LCSD	85.5	0.33	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		34.9	LCSD	81.2	0.57	25.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		96			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		52.8		37.1	LCSD	70.3	3.57	25.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		96			65 - 135					

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Quality Control Results Summary

QC Batch #: WGC4010326A
Matrix: Liquid
Units: µg/L
Date Analyzed: 3/26/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		561		457.7	LCS	81.6			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			97			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		4.97	LCS	80.2			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		6.52	LCS	83.6			65.0 - 135.0
Toluene	EPA 8020	ND		35.8		30.0	LCS	83.8			65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		34.7	LCS	80.7			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			97			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		561		456.9	LCSD	81.4	0.17	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			96			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		4.81	LCSD	77.6	3.27	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		6.32	LCSD	81.0	3.12	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		35.8		29.6	LCSD	82.7	1.34	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		33.9	LCSD	78.8	2.33	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			94			65 - 135					

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Quality Control Results Summary

QC Batch #: WMS3010327B
Matrix: Liquid
Units: µg/L
Date Analyzed: 3/28/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: Oxygenates by EPA 8260B											
1,1-Dichloroethene	EPA 8260B			20		25.13	LCS	125.6			65.0 - 135.0
Benzene	EPA 8260B			20		22.09	LCS	110.5			65.0 - 135.0
Chlorobenzene	EPA 8260B			20		18.72	LCS	93.6			65.0 - 135.0
Methyl-t-butyl Ether	EPA 8260B	ND		20		26.66	LCS	133.3			65.0 - 135.0
Toluene	EPA 8260B			20		18.96	LCS	94.8			65.0 - 135.0
Trichloroethene	EPA 8260B			20		21.5	LCS	107.5			65.0 - 135.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99	65 - 135
Dibromofluoromethane	95	57 - 139
Toluene-d8	93	65 - 135

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: Oxygenates by EPA 8260B											
1,1-Dichloroethene	EPA 8260B			20		26.26	LCSD	131.3	4.40		65.0 - 135.0
Benzene	EPA 8260B			20		21.72	LCSD	108.6	1.69		65.0 - 135.0
Chlorobenzene	EPA 8260B			20		18.69	LCSD	93.5	0.16		65.0 - 135.0
Methyl-t-butyl Ether	EPA 8260B	ND		20		26.47	LCSD	132.3	0.72		65.0 - 135.0
Toluene	EPA 8260B			20		18.84	LCSD	94.2	0.63		65.0 - 135.0
Trichloroethene	EPA 8260B			20		21.38	LCSD	106.9	0.56		65.0 - 135.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99	65 - 135
Dibromofluoromethane	91	57 - 139
Toluene-d8	93	65 - 135

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Chain of Custody / Analysis Request

Attention to: Tom Price	Phone No.: (408) 453-1800	Purchase Order No.:	Send Invoice to (if Different): / Phone:
Company Name: Environmental Testing	Fax No.: 1801	Project Number:	Company:
Mailing Address: 1792 Rogers Avenue		Project Name:	Billing Address (if Different):
City: San Jose	State: CA / Zip: 95112	Project Location:	City: / State: / Zip:

Sampler: Paul Romeo

Date:

Turn Around Time: Same Day ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ Standard ☒

Order ID:

01 MAR 21 [illegible]:44

Client ID	Laboratory No.	Sampling Date	Sampling Time	Matrix	Composite	Grab	Containers	Preservative	Volatile Organics by GCMS: 624 ☐ 8240 ☐ 8260B ☐ Freon 113 ☐	Fuel Oxygenates by 8260B ☐ MTBE by 8260B ☐	Pesticides-8081 ☐ PCBs - 8082 ☐	Halogenated or Aromatic Volatiles: 601/8010 ☐ 602/8020 ☐ F113 ☐	TPH as Gas/BTEX ☒ TPH as Gas/BTEX/MTBE ☒ 8021 ☐ *	Base/Neutral/Acid Organics 8270 ☐ 8270-SIMS ☐	Fuel Scan	Diesel ☐ w/ Si-gel Standard Cleanup ☐ w/ Si-gel Column Cleanup ☐		TRPH ☐ Oil & Grease ☐			THM (502.2)	Metals - Circle Below Total ☐ Dissolved ☐			Remarks
mw-1	24853-001	~~3/~~ 3/20/01	nbd			✓							✓												
mw-2	-002					✓							✓												
mw-3	-003					✓							✓												
mw-4	-004					✓							✓												
~~mw-5~~	~~Dry well~~					✓							✓												NO Sample PR
mw-6	-005					✓							✓												
mw-8	-006					✓							✓												
mw-9	-007					✓							✓												
MW-10	-008					✓							✓												
MW-11	-009					✓							✓												
MW-12	-010					✓							✓												
mw-13	-011					✓							✓												

Relinquished by:	Received by:	Date:	Time:
[signature]	Joseph Machado	3/21/01	844
Relinquished by:	Received by:	Date:	Time:
Relinquished by:	Received by:	Date:	Time:
Relinquished by:	Received by:	Date:	Time:

Special Instructions or Comments ☐ NPDES Detection Limits

* confirmation of all positive results for MTBE by method 8260.

Metals: Al, As, Sb, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Mo, Ni, K, Si, Ag, Na, Se, Sr, Tl, Sn, Ti, V, Zn, W : CAM-17 ☐ Plating ☐ PPM-13 ☐ LUFT-5 ☐

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to: Tom Price	Phone No.: (408) 453-1800	Purchase Order No.:	Send Invoice to (if Different): / Phone
Company Name: Environmental Testing	Fax No.: 1801	Project Number:	Company
Mailing Address: 1792 Rogers Avenue		Project Name:	Billing Address (if Different)
City: San Jose	State: CA / Zip: 95112	Project Location:	City: / State / Zip

01 MAR 21 :44

Sampler: Paul Romeo

Date:

Turn Around Time: Same Day ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ Standard ☒

Order ID:

Client ID	Laboratory No.	Sampling Date	Sampling Time	Matrix	Composite	Grab	Containers	Preservative	Volatile Organics by GCMS: 624 ☐ 8240 ☐ 8260B ☐ Freon 113 ☐	Fuel Oxygenates by 8260B ☐ MTBE by 8260B ☒	Pesticides-8081 ☐ PCBs - 8082 ☐	Halogenated or Aromatic Volatiles: 601/8010 ☐ 602/8020 ☐ F113 ☐ 8021 ☐	TPH as Gas/BTEX ☐	TPH as Gas/BTEX/MTBE ☒ *	Base/Neutral/Acid Organics 8270 ☐ 8270-SIMS ☐	Fuel Scan	Diesel ☐ w/ Si-gel Standard Cleanup ☐ w/ Si-gel Column Cleanup ☐	TRPH ☐	Oil & Grease ☐		THM (502.2)	Metals - Circle Below Total ☐ Dissolved ☐			Remarks
MW-14	24853-012	3/20/01	[illegible] 3/28			✓							✓												
MW-1A	-013	〃				✓							✓												
141 Farrelly	-014	〃				✓				✓															

Relinquished by:	Received by:	Date:	Time:
[signature]	Joseph Machado	3/21/01	844
Relinquished by:	Received by:	Date:	Time:
Relinquished by:	Received by:	Date:	Time:
Relinquished by:	Received by:	Date:	Time:

Special Instructions or Comments ☐ NPDES Detection Limits

* positive test results for MTBE, confirm by EPA Method 8260.

Metals: Al, As, Sb, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Mo, Ni, K, Si, Ag, Na, Se, Sr, Tl, Sn, Ti, V, Zn, W : CAM-17 ☐ Plating ☐ PPM-13 ☐ LUFT-5 ☐

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: GA

Project No.: _____ Well No./Description: mw-11

Depth of Well: 34.2 1 Well Volume: _____

Depth to Water: 20.4 4 Well Volumes: _____

Casing Diameter: ✓2" __4" Actual Volume Purged: 9

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓Bailer ___ Other Specify: _____

Sheen: ✓No ___ Yes, Describe _____

Odor: ✓No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
4:55	3	6.8	79	1.8 E3	
5:05	3	6.8	77.3	1.8 E3	
515	3	6.6	76.6	1.8 E3	

Remarks: ~~[illegible]~~ MEL 2.7

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: MW-1A

Project No.: [illegible] Well No./Description: MW-1A

Depth of Well: 32.4 1 Well Volume: _____

Depth to Water: 20.4 4 Well Volumes: _____

Casing Diameter: ✓2" __4" Actual Volume Purged: 9

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓Bailer ___ Other Specify: _____

Sheen: ✓No ___ Yes, Describe _____

Odor: ✓No ✓Yes, Describe [illegible]

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
4:25	3	6.8	80	2.1 E3	
4:35	3	6.8	76.6	2.1 E3	
4:45	3	6.9	77.9	2.1 E3	

Remarks: M+L 2.5

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: GA

Project No.: _____ Well No./Description: MW 12

Depth of Well: 38.3 1 Well Volume: _____

Depth to Water: 21.3 4 Well Volumes: _____

Casing Diameter: ✓2" __4" Actual Volume Purged: 12

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓___Bailer ___ Other Specify:_____

Sheen: ✓No ___ Yes, Describe _____

Odor: ✓No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
3:55	4	7.0	79	1.8 E3	
4:05	4	7.0	77.1	1.8 E3	
4:15	4	7.0	77.1	1.8 E3	

Remarks: M&L 3-1

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: GA

Project No.: 226 Well No./Description: MW-13

Depth of Well: 37.4 1 Well Volume: _____

Depth to Water: _____ 4 Well Volumes: _____

Casing Diameter: ✓ 2" __ 4" Actual Volume Purged: 10.5

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓ Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify:_____

Sheen: ✓ No ___ Yes, Describe _____

Odor: ✓ No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
3:25	3.5	6.8	72.3	1.3 E3	
3:35	3.5	6.6	70	1.3E3	
3:45	3.5	6.8	69.7	1.3E3	

Remarks: mg/L 3.1

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: ~~MW-10~~ GA

Project No.: _____ Well No./Description: MW-10

Depth of Well: 37.6 1 Well Volume: _____

Depth to Water: 22.6 4 Well Volumes: _____

Casing Diameter: ✓2" __4" Actual Volume Purged: 10.5

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓Bailer ___ Other Specify:_____

Sheen: ✓No ___ Yes, Describe _____

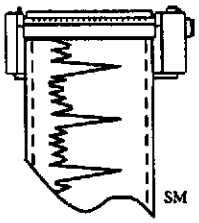
Odor: X No ~~___ Yes~~, Describe GASOLINE

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
2:55	3.5	6.8	71.1	1.6	
3:05	3.5	6.8	74.7	1.6	
3:15	3.5	6.8	74.5	1.6	

Remarks: MW 2.8

Sampler: _____



ENVIRONMENTAL TESTING

1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: GA

Project No.: _____ Well No./Description: MW-14

Depth of Well: 30.5 1 Well Volume: _____

Depth to Water: 22.1 4 Well Volumes: _____

Casing Diameter: ✓ 2" __ 4" Actual Volume Purged: 7.5

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓ Bailer ___ Displacement Pump ___ Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify: _____

Sheen: ✓ No ___ Yes, Describe _____

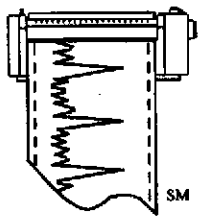
Odor: ✓ No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
2:25	2.5	6.8	74	1.3 E3	
2:35	2.5	6.6	77.4	1.3 E3	
2:45	2.5	6.6	74.3	1.3 E3	

Remarks: mw 2.5

Sampler: _____



ENVIRONMENTAL TESTING

1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: GA

Project No.: _____ Well No./Description: MW-9

Depth of Well: 33.6 1 Well Volume: _____

Depth to Water: ~12 4 Well Volumes: _____

Casing Diameter: ✓ 2" __ 4" Actual Volume Purged: 9

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓ Bailer ___ Displacement Pump ___ Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify: _____

Sheen: ✓ No ___ Yes, Describe _____

Odor: ___ No ✓ Yes, Describe GASOLINE

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
1:55	3	6.8	73	2.1 E3	
2:05	3	6.9	68.5	2.1 E3	
2:15	3	7.1	69.5	2.1 E3	

Remarks: MW 2.7

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: G-A

Project No.: _____ Well No./Description: MW-8

Depth of Well: 28.6 1 Well Volume: _____

Depth to Water: 20.8 4 Well Volumes: _____

Casing Diameter: ✓2" __4" Actual Volume Purged: 6.3

Calculations:

2" - * 0.1632
~~4" - * 0.653~~

Purge Method: ✓Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓Bailer ___ Other Specify: _____

Sheen: ✓ No ___ Yes, Describe _____

Odor: ✓ No ___ Yes, Describe GASOLINE

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
25	2.1	6.5	75.3	1.363	
1.35	2.1	6.6	75.3	1.363	
1.45	2.1	6.6	74	1.363	

Remarks: WELL 2.5

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: G-A

Project No.: _____ Well No./Description: mw-5

Depth of Well: 20.4 1 Well Volume: _____

Depth to Water: DRY WELL 4 Well Volumes: DRY WELL

Casing Diameter: ✓2" __4" Actual Volume Purged: _____

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓Bailer ___ Other Specify:_____

Sheen: ✓No ___ Yes, Describe _____

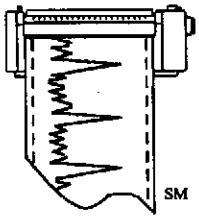
Odor: ✓No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
1:15					

Remarks: mt/L DRY WELL

Sampler: _____



ENVIRONMENTAL TESTING

1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: GA

Project No.: 216 Well No./Description: MW-1

Depth of Well: 36 1 Well Volume: _____

Depth to Water: _____ 4 Well Volumes: _____

Casing Diameter: ✓ 2" __ 4" Actual Volume Purged: 9.9

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓ Bailer ___ Displacement Pump ___ Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify: _____

Sheen: ✓ No ___ Yes, Describe _____

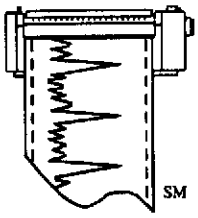
Odor: ___ No ✓ Yes, Describe GASOLINE

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
~~12:50~~	3-3	6.6	78.1	1.8 E3	
1:00	3.3	6.6	72	1.8E3	
1:10	3-3	6.6	71.8	1.7E3	

Remarks: MG/L 2.1

Sampler: _____



ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: GA

Project No.: [redacted] Well No./Description: MW-4

Depth of Well: >4.5 1 Well Volume: _____

Depth to Water: 2.18 4 Well Volumes: _____

Casing Diameter: ✓ 2" _ 4" Actual Volume Purged: 1.3

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓ Bailer ___ Displacement Pump ___ Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify: _____

Sheen: ✓ No ___ Yes, Describe _____

Odor: ___ No ✓ Yes, Describe GASOLINE

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
12:20	3.1	6.7	77.4		
12:30	3.1	6.7	76.9		
12:40	3.1	6.7	75.6		

Remarks: MW4 3.4

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: GA

Project No.: _____ Well No./Description: MW-2

Depth of Well: 33.3 1 Well Volume: _____

Depth to Water: 22.2 4 Well Volumes: _____

Casing Diameter: ✓2" __4" Actual Volume Purged: 9

Calculations:

~~2" - * 0.1632~~
4" - * 0.653

Purge Method: ✓Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓Bailer ___ Other Specify:_____

Sheen: ✓No ___ Yes, Describe _____

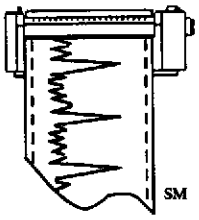
Odor: ___ No ✓ Yes, Describe GASOLINE

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
11:50	3	6.5	82.1	1.49 E3	
12:00	3	6.5	82.6	1.4 E3	
12:10	3	6.5	82	1.45 E3	

Remarks: H&L 3.2

Sampler: _____



ENVIRONMENTAL TESTING

1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: G.A.

Project No.: _____ Well No./Description: MW-3

Depth of Well: 35 1 Well Volume: _____

Depth to Water: 21.6 4 Well Volumes: _____

Casing Diameter: ✓ 2" __ 4" Actual Volume Purged: 9

Calculations:

2" - * 0.1632
4" - * 0.653

_____

_____

Purge Method: ✓ Bailer ___ Displacement Pump ___ Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify: _____

Sheen: ✓ No ___ Yes, Describe _____

Odor: ✗ No ✓ Yes, Describe GASOLINE

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
11:20	3	6.6	79	.9E3	
11:30	3	6.6	78.1	.9E3	
11:40	3	6.6	77.4	1.0E3	
		6.6			

Remarks: MW-3

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: GA

Project No.: _____ Well No./Description: mw-6

Depth of Well: 33.4 1 Well Volume: _____

Depth to Water: 20.2 4 Well Volumes: _____

Casing Diameter: ✓ 2" __ 4" Actual Volume Purged: 9

Calculations:

2" - * 0.1632
4" - ~~* 0.653~~

Purge Method: ✓ Bailer ___Displacement Pump ___Impinger/Vacuum ___

Sample Method: ✓ Bailer ___ Other Specify: _____

Sheen: ✓ No ___ Yes, Describe _____

Odor: ✓ No ___ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
~~10:50~~	3	6.6	60	1.1 E3	
11:00	3	6.7	74	1.0 E3	
11:10	3	6.7	74.6	.9 E3	

Remarks: mg/L 3.2

Sampler: _____

ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

Date: 3-20-01 Project Name: GA

Project No.: _____ Well No./Description: 141 FAMILY

Depth of Well: 28.9 1 Well Volume: _____

Depth to Water: _____ 4 Well Volumes: _____

Casing Diameter: ✓ 2" __ 4" Actual Volume Purged: 4.5

Calculations:

2" - * 0.1632
4" - * 0.653

Purge Method: ✓ Bailer __ Displacement Pump __ Impinger/Vacuum __

Sample Method: ✓ Bailer __ Other Specify: _____

Sheen: ✓ No __ Yes, Describe _____

Odor: ✓ No __ Yes, Describe _____

Field Measurements:

Time	Volume	pH	Temp.	E.C.	Color
5:30	1.5	6.8	72.3	1.8 E3	
5:45	1.5	6.8	72.5	1.8 E3	
6:00	1.5	6.9	72.5	1.8 E3	

Remarks: m c/c 30.5

WITH WATER 5:30

Sampler: _____

APPENDIX D: QUALITY ASSURANCE/QUALITY CONTROL PROGRAM

The quality assurance/quality control measures used for groundwater sampling conducted on 3/20/01 included the following:

- Groundwater samples were collected in duplicate 40 milliliter vials.

Service No. ____________

CITY OF SAN LEANDRO
APPLICATION TO PERFORM WORK IN THE PUBLIC RIGHT-OF-WAY

Permit Number ____________

Date Approved ____________

Work Site: W. Broadmoor / Grace Ave

Applicant: Name Env Tech Mgmt Address 1797 Rogers Ave. Tel. ____________

Owner: Name Mr. Lee Address 3012 11th St. San Leandro Tel. 510 ____________

Purpose of Permit:

☐ Utility ☐ Street Excavation ☐ Curb, Gutter Sidewalk, Driveway ☒ Other ____________

Detailed Description and Dimensions of Work: open (4) well boxes for gauging groundwater depth / sample.

Plan Submitted: Yes ✓ No ____ Profile Submitted Yes ____ No ____

Date Work to be Started: 12/29/99. Date Work to be Completed by: 1/15/99

Building Permit No. ____________ State Encroachment Permit No. ____________

Oro Loma Permit No. ____________ Alameda County Flood Control Permit No. ____________

Compliance with State Labor Code: In accordance with Section 3800

☐ Applicant has on file, with the City of San Leandro, evidence that workman's compensation insurance is carried.

☒ Applicant will not employ anyone so as to become subject to the workman's compensation laws of California.

Statement of State Contractor's License: In accordance with Section 7031.5 of the State Business and Professions Code.

☒ Applicant has State License No. 716662, Class A in full force and effect.

☐ Applicant is exempt from the State Contractor's License Law for the following reason(s):

By the application and acceptance of this permit, the undersigned intending to be legally bound does hereby agree that all work performed will be in accordance with all applicable provisions of this permit and all regulations, provisions, and specifications as adopted by the City. Further, the undersigned agrees that this permit is to serve as a guaranty for payment of all permit and/or inspection charges as billed by the City. Any misrepresentation of information requested from the applicant on this form shall make this permit null and void.

Signature: [signature] Date: 12/29/99

PLEASE CALL 577-3308 FOR INSPECTIONS

SPECIAL PROVISIONS

Backfill Required APPLICANT SHALL SECURE LOCK

Pavement Section Required FOR SAFETY OF AND PROVIDE

Minimum Depth of Cover ACCESS TO THEM AT ALL

Police & Fire Dept. to be notified 24 hours prior to start: YES ____ NO TIME

PEDESTRIAN SAFETY SHALL BE MAINTAINED.

SEE REVERSE SIDE FOR GENERAL PROVISIONS APPLICABLE TO ALL PERMIT WORK

PERMIT IS VALID WHEN SIGNED

Any omission on the part of the City to specify on this permit any rule, regulation, provision, or specification shall not excuse the permittee from complying with all requirements of law and appropriate ordinances and all applicable regulations, provisions, and specifications adopted by the City.

ISSUE FOR CITY ENGINEER

[signature]

INSPECTION RECORD

Date	Comments	Insp.	Hrs. Charged

NOTE: 1 hr. Minimum charge per inspection stop

Hours forwarded from reverse side: ____________

TOTAL HOURS CHARGED: ____________

FEES

PERMIT FEE: 100 To Acct. #3306

RESTORE/ INSPECT DEPOSIT: ____________ To CN # ____

STREET CUT FEE: ____________ TO ACCT #3304

TOTAL: 100

☐ All charges collected at permit insurance

☐ All charges to be billed to

CN # ____________

REV. Date 3/98

LEE ENGINEERS, INC.
1211 Park Avenue
San Jose, CA 95126
(408) 293-3833

To: Environmental Testing
1792 Rogers Avenue
San Jose, CA 95112

Attn.: Tom Price

From: Mun K. Lee, P.E.

Date: April 10, 2001

Subject: Monitoring well elevations at German Autocraft. 301 E. 14th St., San Leandro, CA on March 30, 2001

Monitoring Well	Elevation	Monitoring Well	Elevation
MW-1	49.40	MW-10	49.93
MW-2	50.02	MW-11	47.93
MW-3	49.32	MW-12	48.46
MW-4	49.61	MW-13	49.51
MW-5	49.63	MW-14	49.54
MW-6	48.04	MW-1A	48.23
MW-8	49.34	MW-141 Farrelly	48.76
MW-9	48.77		

Note: All elevations are to top of well casings with the exception of MW-141 Farrelly, which is to top of curb north of well casing.

Basis of elevations: Monument disk in sidewalk at the Northwest corner of E. 14th St. and W. Broadmoor Blvd. City of San Leandro datum. Elevation: 47.177 (N29)

APPENDIX G: REPORT DISTRIBUTION LIST

Copies of this report have been mailed to the attention of the following parties:

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