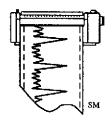
APR 05 2001

# INSTALLATION OF THREE GROUNDWATER MONITORING WELLS

# GERMAN AUTOCRAFT 301 E. 14TH AVENUE, SAN LEANDRO, CALIFORNIA

Prepared by:



ENVIRONMENTAL TESTING 1792 ROGERS AVENUE SAN JOSE, CALIFORNIA 95112 408.453,1800 FAX: 408.453,1801

Prepared For:

Mr. Seung Lee 301 E. 14th Street San Leandro, CA 94577

Tom Price, REA, CHMM Project Manager

Christopher M. Palmer CEG #1262

Christoph M. Poline

Report Issued March 26, 2001



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## **I. INTRODUCTION**

This report presents the results of recent underground storage tank (UST) related field investigations conducted by Environmental Testing (ET) 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 soil and groundwater investigation was to further characterize the distribution of total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethyl-benzene, xylenes, (BTEX), in the soil and groundwater at the site identified during previous investigations.

The scope included preliminary activities including securing permits from the City of San Leandro and the Alameda County Public Works Agency and the collection and analysis of soil samples, installation of three new monitoring wells; supervision of drilling activities by a California Registered Geologist; and preparation of this technical report on behalf of Mr. Seung Lee.

This report presents the results of our January 30 - 31, 2001 soil and water investigation, descriptions of field work and sampling procedures, boring logs, monitoring well maps, laboratory reports, sample chain of custody documentation, evaluation of sampling and test data, and recommendations for further environmental activities.

### II, SITE DESCRIPTION AND SITE HISTORY

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. LOCAL GEOLOGY AND HYDROGEOLOGY

The site is located approximately 3-miles east of the San Francisco Bay and 3,000-feet north of San Leandro Creek. The shallow subsurface soils at the subject site consist of intermixed and interbedded silts, sands, clays, and (see Appendix A for soil boring logs). Groundwater was encountered in boreholes during this phase of drilling at 24 - 26' below the ground surface on January 30 - 31, 2001.

#### IV. SOIL INVESTIGATION

The objective of our subsurface soil investigation on January 30 - 31, 2001 was to collect the data necessary to further define the extent of soil and groundwater contamination around previous UST and capillary zone of the site. Specifically, the objectives of this investigation were as follows:

#### A. PRELIMINARY ACTIVITIES

Prior to beginning drilling, ET obtained three (3) drilling permits from the Alameda County Public Works Agency Also an encroachment permit was obtained from the City of San Leandro. Copies of the drilling permits are included in **Appendix B**.

#### **B. SOIL INVESTIGATION PROCEDURES**

On January 30 - 31, 2001, soil samples were collected from three (3) borings (MW-12, MW-13, and MW-14) drilled at the site for lithologic identification and chemical analysis. The location of the monitoring wells is shown on Figure 2. A truck-mounted Mobile B-53 drill rig, equipped with 8-inch OD, 4.25 inch ID hollow stem augers were used to drill the soil borings which were completed as monitoring wells. Downhole equipment was decontaminated with a detergent and tap water rinse after drilling was completed. Soil was sampled using a cable operated 140 pound slide hammer California modified split spoon samplers. The sampler was fitted with a 2.0-inch OD, 6-inch long brass liners for sample collection. Soil cuttings were stockpiled on-site.

Soil samples were collected for lithologic logging under the direct supervision of a California licensed Certified Engineering Geologist. Boring logs are included in Appendix A. All soil samples were field screened for organic vapors using a portable HNU photo-ionization detector (PID) analyzer equipped with an 11.7 eV lamp calibrated with isobutylene. Based on the results of the field observations, one soil sample from each borehole was submitted for laboratory analysis. All samples collected for chemical analysis were covered at each end with Teflon tape, capped, labeled, sealed in air-tight plastic bags, and placed on ice for delivery to the laboratory. Chain-of-custody information was recorded for each sample and shipped with the sample container.

#### C. WELL CONSTRUCTION PROCEDURES

The monitoring wells were constructed of 2-inch diameter, Schedule 40 PVC riser and 10-foot, 0.02-inch machine slotted screen and bottom end cap. A filter pack of No. 2/12 sand was emplaced in each well from the bottom of the hole to approximately two (2) feet above the top of the screen section. A two-foot hydrated bentonite seal was emplaced on top of the sand pack and the remaining annular space was filled with Portland cement/bentonite grout. The top of the blank well casing was fitted with a water-tight expansion locking cap. The tops of the wells were covered with flush mounted, 8-inch diameter water-tight traffic-rated well box set in concrete (see attached well construction details).

#### D. SUBSURFACE CONDITIONS

Three exploratory borings were drilled, the deepest of which was advanced 38.5 feet below grade. The borings revealed clayey sand and sandy clay to depths of about 15 feet. These strata are underlain by sandy clay and silty clay which appear to laterally grade in variable sand content between 15 to 25 feet.

Interbedded and laterally grading sand, clayey sand, and gravel occur between depths of about 25 to 30 to 38 feet. These strata form the aquifer, and appear to thicken to the northeast (that is from MW-14 toward MW-12. A silty clay underlies the aquifer strata below 30 to 38 feet and appears to be a laterally continuous aquitard.

Groundwater occurred at depths of about 25 feet in the boreholes and appeared unconfined to weakly confined.

## E. SOIL CHEMICAL TEST DATA RESULTS

ET delivered the samples to the Entech Analytical Labs, Inc. in Santa Clara, California for chemical tests. The soil samples were analyzed for TPHg and BTEX by EPA Methods 8015M and 8020.

Copies of the certified laboratory reports from Entech Analytical Labs, Inc. are included in **Appendix D** summarized in **Table 1** below:

# TABLE 1. SOIL SAMPLE CHEMICAL TEST RESULTS BY EPA METHOD 8015/8020

Locations: MW-12, MW-13, MW-14

Date Sampled: January 30 - 31, 2001

Units: mg/Kg Soil

LOCATION/ DEPTH	TPHg	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENES
MW-12/26.5	<1	<0.005	<0.005	<0.005	<0.005
MW-13/26.5	<1	<0.005	<0.005	< 0.005	<0.005
MW-14/26.5	<1	<0.005	<0.005	<0.005	<0.005

### **V. DISCUSSION**

Three additional wells were sited and installed using the previous contaminant plume data. Observations made during installation of the groundwater monitoring wells are consistent with historical observations for the site. The aquifer strata and aquitard strata occurrence are consistent with previous site assessment. The new well MW-12 confirms that the aquifer tends to thicken to the northeast somewhat. Previous geologic cross sections show that the aquifer strata thicken and thin, as well as show lateral lithology/texture changes. The most sandy portions of the aquifer are interpreted to be the most preferred contaminant pathway (that is a line along MW-1 to MW-9 to MW-12) (see geologic cross sections in ET report dated July 12, 1996).

## VI. CONCLUSIONS AND RECOMMENDATIONS

Three additional wells (MW-12, MW-13, and MW-14) were installed to further define site contamination and provide additional well sampling points. The aquifer and aquitard hydrostratigraphy appeared laterally continuous and similar to previous observations.

The soil boring advanced for construction of monitoring well MW-12 showed field evidence of petroleum contamination. In our opinion, the dissolved plume appears to be migrating along an aquifer preferential pathway at MW-12. The soil boring advanced for construction of monitoring wells MW-13 and MW-14 did not show field evidence of petroleum contamination.

ET has scheduled sampling of the new monitoring wells and will submit the data from the new monitoring wells in the next quarterly report.

## 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.

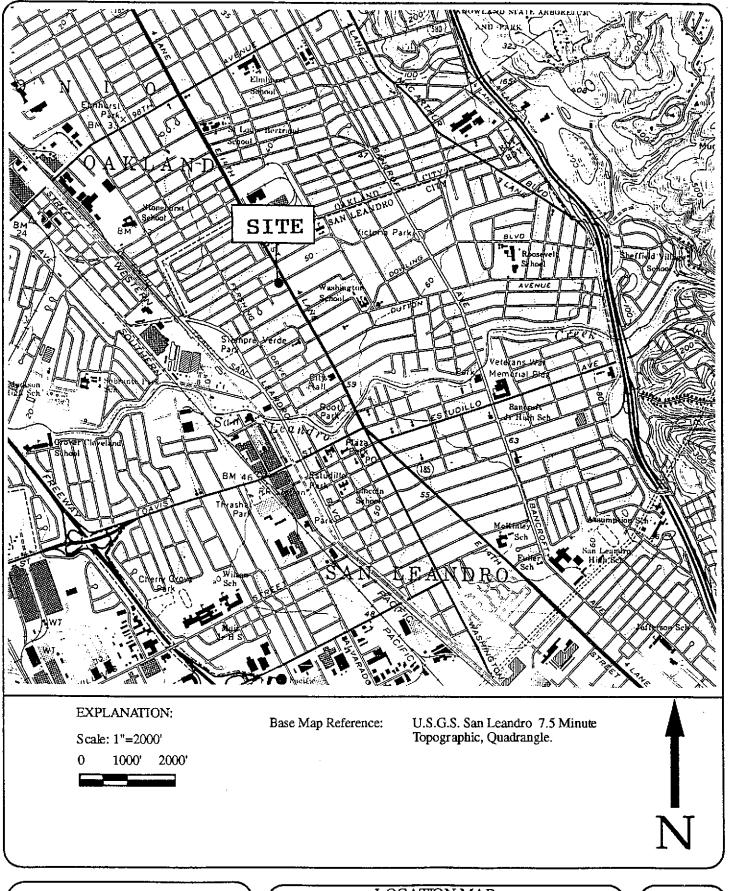
The conclusions and professional opinions presented herein were developed by ET in accordance with current regulatory guidance, the on-site investigation and monitoring data, and the opinions expressed are subject to revision in light of new information which may develop in the future.

## VIII. REFERÊNCES

- American Society for Testing and Materials, Designation: E 1739 95, "Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites", 1995.
- California Code of Regulations, Article 11, Title 23, "Corrective Action Requirements"
- California Regional Water Quality Control Board, Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 1990.
- State of California, Division of Drinking Water and Environmental Management, Department of Health Services "Summary, Maximum Contaminant and Action Levels" November, 1994.
- State of California, Leaking Underground Fuel Tank Task Force; Leaking Underground Fuel Tank Field Manual: Guidelines for Site Assessment, Cleanup and Underground Storage Tank Closure, October, 1989.
- Site Specific References for German Autocraft, 301 E. 14th Street, San Leandro:
- 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, Third Quarter 2000 Groundwater Monitoring Program German Autocraft, 301 East 14th Street, San Leandro, California, October 20, 2000.
- Environmental Testing Second Quarter/July 2000 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, February 4, 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.

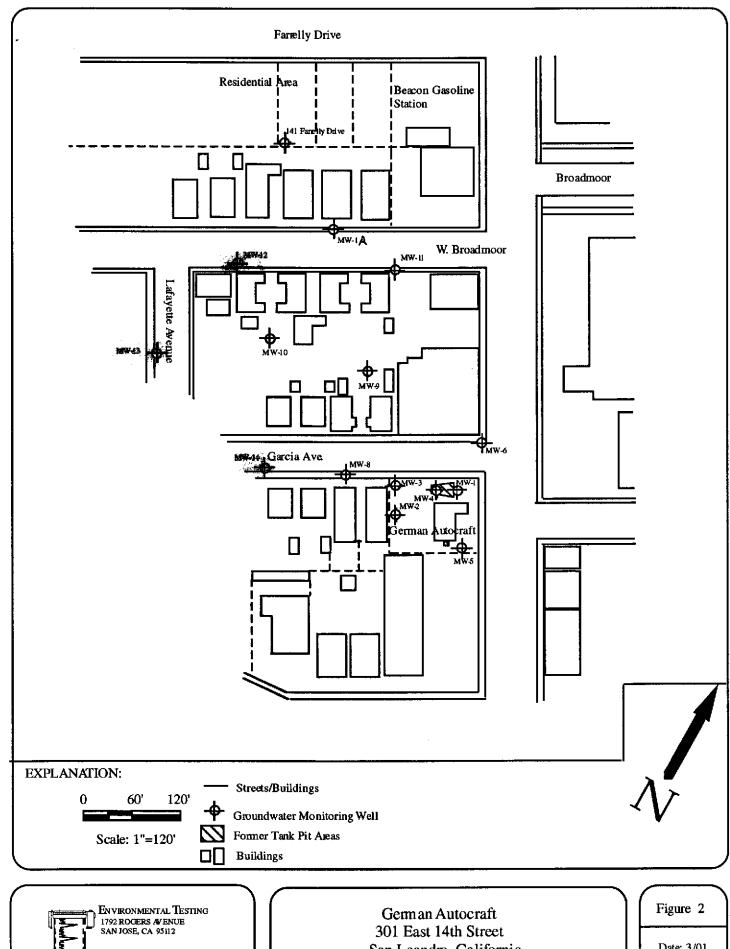




ENVRONMENTAL TESTING & MGMT 111 N. MARKET ST. SUITE 600 S AN JOSE, CALFORNIA 95113 LOCATION MAP German Autocraft 301 East 14th Street San Leandro, California

Figure 1

Project No. 94-52 Date: 3/97



San Leandro, California

Date: 3/01

# APPENDIX A: BORING LOGS AND WELL CONSTRUCTION DETAIL

Project No. GA Boring/Well No. MW-12

Client: German Autocraft Date Drilled: Jan. 30, 2001 Location: 301 E. 14th St, San Leandro, CA Logger: CMP

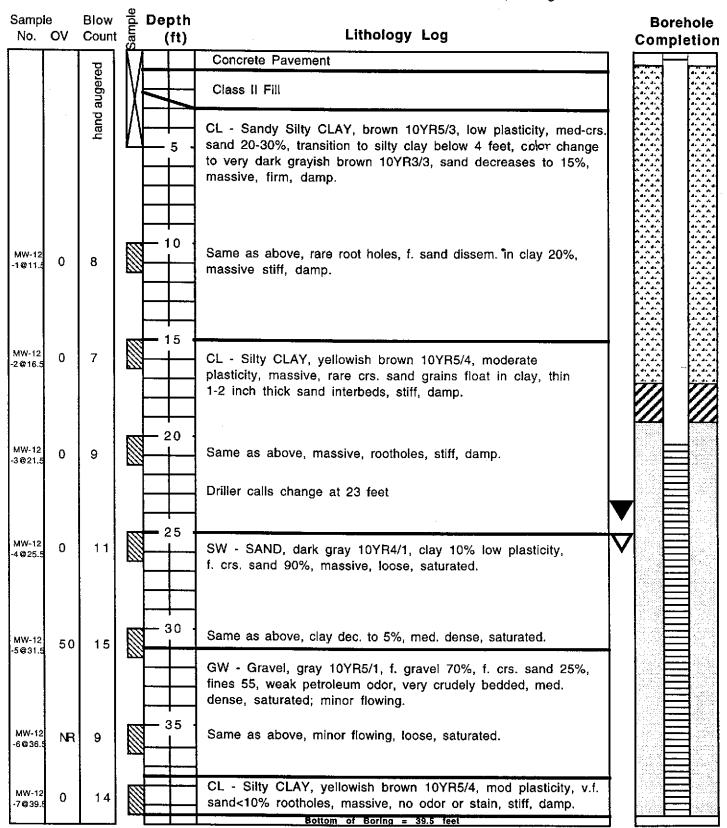
**Drilling Method**: 8" OD Hollowstem **Permit:** Alameda Cnty. W01-014

Water Levels: 1st Enc: 26'@11:22 Static: 25.57'@12:30

Well Installed: 2" dia. Sch 40 PVC Total Depth: 39.5' Casing Depth: 38' Screen Length and Size: 15' of 0.020" Top of Sand Pack: 21' Sand Size: 2/12

Top Bentonite: 19' Cement Grout Seal: 19' to 0.5'

Surface vault box; Casing Elev. -- MSL



Project No. GA Boring/Well No. MW-13

Client: German Autocraft Date Drilled: Jan. 30, 2001 Location: 301 E. 14th St, San Leandro, CA Logger: CMP

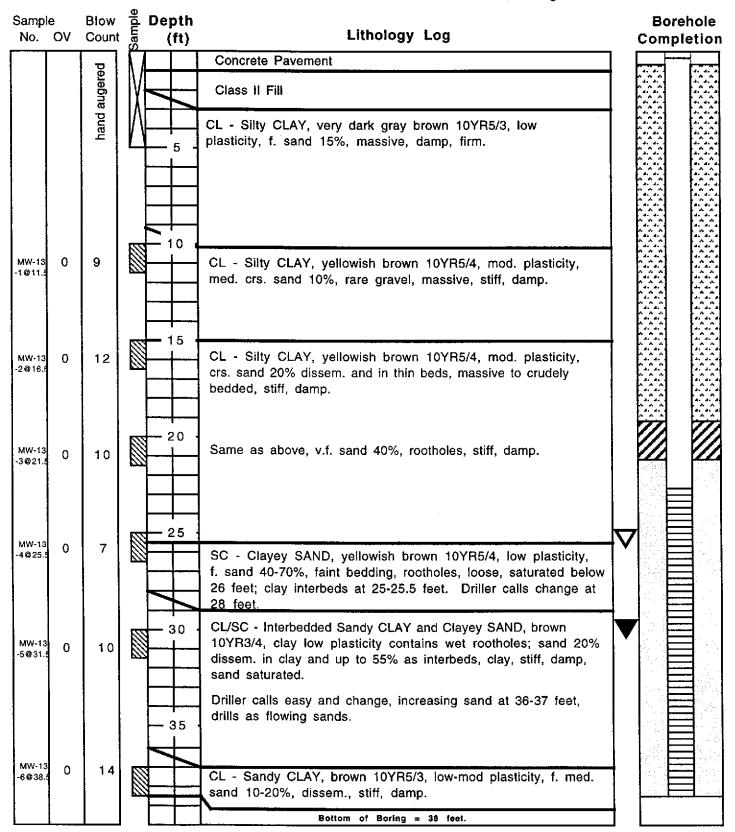
Drilling Method: 8" OD Hollowstem Permit: Alameda Cnty. W01-01

Water Levels: 1st Enc: 25.5'@09:40 Static: 31.72'@10:25

Well Installed: 2" dia. Sch 40 PVC Total Depth: 38' Casing Depth: 38' Screen Length and Size: 15' of 0.020" Top of Sand Pack: 21' Sand Size: 2/12

Top Bentonite: 19' Cement Grout Seal: 19' to 0.5'

Surface vault box; Casing Elev. -- MSL



Project No. GA Boring/Well No. MW-14

Client: German Autocraft Date Drilled: Jan. 31, 2001 Location: 301 E. 14th St, San Leandro, CA Logger: CMP

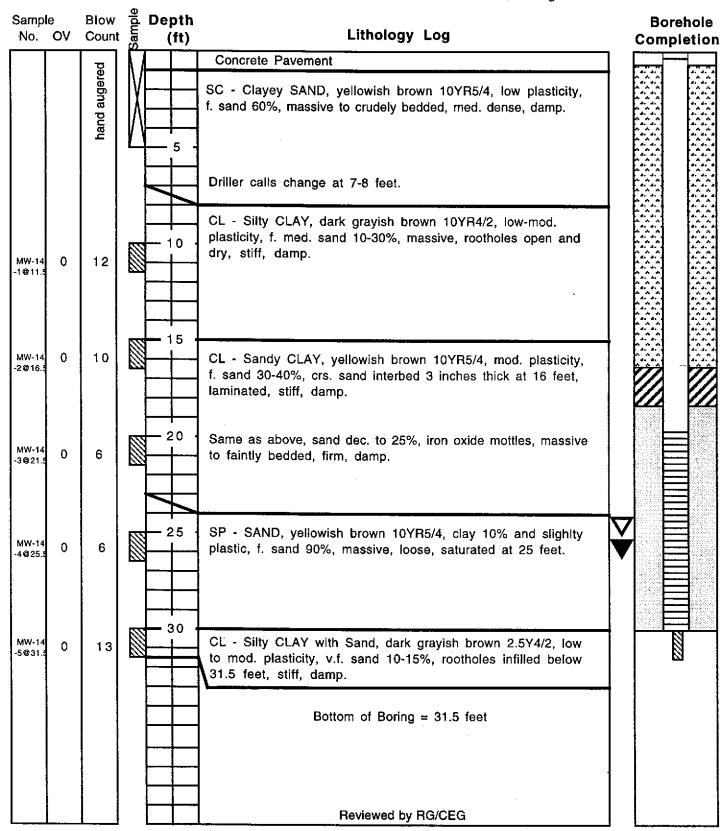
**Drilling Method**: 8° OD Hollowstem **Permit:** Alameda Cnty. W01-016

Water Levels: 1st Enc: 25'@14:45 Static: 27.10'@15:26

Well Installed: 2" dia. Sch 40 PVC Total Depth: 31.5' Casing Depth: 30' Screen Length and Size: 10' of 0.020" Top of Sand Pack: 18' Sand Size: 2/12

Top Bentonite: 16' Cement Grout Seal: 16' to 0.5'

Surface vault box; Casing Elev. -- MSL



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Backfill Required Pavement Section Minimum Depth Police & Fire De	and applicable provisions of this permit are remit is to serve as a guaranty for pasted from the applicant on this form should be seed from the applicant on this form should be seed from the applicant on this form should be seed from the applicant on this form should be seed to the service of the service	IN A FOLY  THAT PROVISIONS  THAT PROVISIONS  THAT PROVISIONS  THAT WORK  INSP.	ON TESTING AMPLING AMP	Date: 12 20 0 0  Date: 12 20 0 0  Date: 12 20 0 0  Date: 13 20 0  D
Backfill Requirer Pavement Section Minimum Depth Police & Fire De	and applicable provisions of this permit are remit is to serve as a guaranty for pasted from the applicant on this form should be seed from the applicant on this form should be seed from the applicant on this form should be seed from the applicant on this form should be seed to the service of the service	SE CALL 577-336  SE CALL 577-336  SE CALL 577-336  SONS  STANDAK  DINATER  YES  TIMATER  TRAFFICY  ERAL PROVISIONS  TORD  C. V.	ON TESTING AMPLING AMP	Date: 12 20 00  Date: 12 20 00  Date: 12 20 00  Date: 12 20 00  Date: 13 20 00  Date: 13 20 00  Date: 13 20 00  Date: 14 20 00  Date: 15 20 00  Date: 15 20 00  Date: 16 20 20 00  Date: 17 20 00  Date: 18 20



APPLICANT'S

# ALAMEDA COUNTY PUBLIC WORKS AGENCY

198-17-198 TUE 17:44 ID:ALAMEDA CO PUBLIC WK FAX NO:514/674-5262

WATER RESOURCES SECTION
399 ELMHURST STR. HAYWARD, (14,945/45)
PHONE 510)670-5554
FAX 50)782-9939

#### DRILLING PERMIT APPLICATION for office use PERMIT NUMBER 301 E LOCATION OF PROJECT WELL NUMBER APN\_ N4 SULLINANY PERMIT COMPITIONS California Coordinates Source CCN Circled Permit Requirements Apply APN GENERAL German Antucraft/Senngles 1. A permit application should be submitted so as to CLIENT arrive at the ACPWA office five days prior to Name 114557 proposed starting date. EANDRO C 2. Submit to ACPWA within 60 days after completion of Çlty \_ permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for TomPrice well projects, or drilling logs and location sketch for geotechnical projects? A08 453-180 Fax . Phone 408 453 3. Retmit is word if project not begun within 90 days of Zip 95// 2 approval date. B. WATER SUPPLY WELLS TYPE OF PROJECT 1. Minimum surface seal thickness is two inches of Geolechnical Investigation Well Constitution cement grout placed by tremie. ā General: ٥ Cathodie Protection 2. Minimum real depth is 50 feet for municipal and Contamination Water Supply Industrial wells or 20 feet for domestic and irrigation Well Destruction a Monitoring wells unless a lesser depth is specially approved. C. GROUNDWATER MONITORING WELLS Proposed water supply well use INCLUDING PIEZOMETERS Replacement Domestic New Domistic - 0 1. Minimum surface real thickness is two inches of រកវដ្ឋនាវេទ្យា Municipal Û cement grout placed by tremie. Other Ground WA Industrial 2. Minimum seal depth for monitoring wells is the monitorin maximum depth pragricable or 20 feet. drilling method: D. GEOTECHNICAL Air Rotary Mud Rotary Backfill bore hale with compacted cuttings or heavy ۵ Other Cable bentonite and upper two feet with compacted moterial. 716002 PAD-12-31-01 in areas of known or suspected contamination, bemied DRILLER'S LICENSE NO. cement grout shall be used in place of compacted currings. Enul Testing & Municipent E. CATHODIC WELL PROJECTS Fill hole above anode zone with concrete placed by bemie. Maximum 5 Drill Hold Diameter, WELL DESTRUCTION Casing Diameter, See susched. Number Surface Seal Depth 2-3 Special conditions Earcia Hue See Attacked GEOTECHNICAL PROJECTS Number of Borings \_ Mariental Depth Hale Diameter DATE -3-01 ESTIMATED STARTING DATE APPROVED ESTIMATED COMPLETION DATE t hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

Drice DATE 12/30/00



# ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST STR. HAYWARD, CA.94514 PRONE 510)670-5554

FAX 50)782-9939

WORKS	
	**!
DRILLING PERMIT	APPLICATION
FOR APPLICANT TO COMPLETE ACL	FOR OFFICEUSE
LOCATION OF PROJECT 301 F 14th Street	PERMIT NUMBER WOL. O. S.
San Lannard, CA	WELL NUMBER
surrounding public streets.	APN
California Coordinates Source ft. Accuracy aft.	PERMIT COMPITIONS
APN TO THE TRANSPORT OF THE PROPERTY OF THE PR	Circled Permit Requirements Apply
	GEDERAL
Nume & German Autocreft/Sexng Kee	1. A permit application should be submitted so as to
Address 3 4 F 14th 57 . Phone (510) 632-5473	arrive at the ACPWA office five days prior to
City SAN LEANDRO CA ZIP 74577	2. Submit to ACPWA within 60 days after completion of
NAPPLICANTE Environmental Testing TomPrice	permitted work the obsignal Department of Water Resources Water Well Drillers Report or equivalent for
F13 408 453-1801	well projects, or drilling logs and location sketch for
Address 1792 KCQ2YS AVE Phone 408 453 - 1800	geotechnical projects? \ 3. Remit is void if project not begun within 90 days of
City Son Tole - CA Zip 95113	approval date.
TYPE OF PROJECT  Well Construction Geolechnical Investigation	B. WATER SUPPLY WELLS !  1. Minimum surface seal thickness is two inches of
Well Construction Geolegistics: Investigation Cathodic Protection General	cement grout placed by berme.
Water Supply C Contamination	<ol> <li>Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation</li> </ol>
Monitoring   Well Destruction   O	wells unless a lesser depth is specially approved.
PROPOSED WATER SUPPLY WELL USE	C. TROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
New Domestic	. Minimum surface seal thickness is two inches of
Industrial. O Other Ground WAtor	cerment grout placed by tremie.
monitoring	<ol> <li>Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.</li> </ol>
DRILLING METHOD:  Mud Rotary   Air Rotary   Avger	D. GEOTECHNICAL "
Cable B Other D	Backfill bore hole with compacted cuttings or heavy bentonite and upper mgo feet with compacted material.
DRILLER'S LICENSE NO. 71600 2 - 20-12-31-01	In areas of known or thingested communication, bemied
Enut Testing & Management	coment grout shall be used in place of compacted curtings.  E. CATHODIC
Drill Hole Diameterin. Maximum	Fill hole above anode zone with concrete placed by bemie.
Casing Diameter in. Depth 23 ft. Number 5	F. WELL DESTROCTION  See stacked.
(M. Broadwan	C. SPECIAL CONDITIONS
GEOTECHNICAL PROJECTS Number of Borings Maximum	see Attacked
Hale Diameter in Depth tt.	110-
ESTIMATED STARTING DATE	APPROVED DATE - S-U)
ESTIMATED COMPLETION DATE 1/2-(00	A TANADA
	~ / VI •
t hereby agree to comply with all requirements of this permit and Alemeda County Ordinance No. 73-68.	
A	/ N T
APPLICANT'S DIN JAMAR 13/39/	$\searrow$
SIGNATURE DATE 124 30 00	



# ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST STR. HAYWARD, CA, 94544

WORKS WORKS 510)670-5559	
6	
~	100 TO 1 T
DRILLING PERMIT A	PPLICATION
	-4.
	view,
A PRINCIPLE TO COLIDE TES	for office use
FOR APPLICANT TO COMPLETE	WALLAND
	PERMIT NUMBER VOU 1.7 C/C
LOCATION OF PROJECT 301 E 1415 STP221	WELL NUMBER
surrounding public streets.	APN
5 MY AWA INT. P. MILES	<u> </u>
California Coordinates SourceR. Accuracy ±ft.	Fermit Complitions
CCN R CCE R	• • • • • • • • • • • • • • • • • • • •
APN S	Circled Permit Requirements Apply
7 - ·	
CLIENT & German Autocraft/Seungles	GENERAL  1. A permit application should be submitted so as to
Name German MATOCIA FINSERAS	arrive at the ACPWA office five days prior to
Address 3 %   E   A LL S T   Phone (5 / 0 / 6 3 3 1 - 3 4 / 3	brobosed starting date!
City CAN LEANBROGA Zip 94577	2. Submit to ACPWA within 60 days after completion of
No.	permitted work the original Department of Water
APPLICANT Environmental Testing/TomPrice	Resources Water Well Drillers Report of equivalent for
Name Environmental Testing Tomprice	well projects, or drilling logs and location sketch for
Address 1792 REQRY'S AVA Phone 408 453 - 1800	geotechnical projects.
City San Tess CA Zip CS 113	3. Remait is void if project not begun within 90 days of
City San Tese - CA Zip Cy SII 2	\ abproval date
type of Project	B. WATER SUPPLY WELLS C
Well Construction Geotechnical Investigation	1. Minimum surface seal thickness is two inches of
Calhodic Protection D General D	cement growt placed by treme.
Water Supply   Cantamination	2. Minimum seal depth is 50 feet for municipal and
Memitoring D Well Destruction D	industrial wells or 20 feet for domestic and irrigation
T g	wells unless a lesser depth is specially approved.
Proposed water supply well use	( C. CROUNDWATER MONITORING WELLS
New Domestic     Replacement Domestic	INCLUDING PIEZOMETERS
Marie and American	I. Minimum surface seal thickness is two inches of
- Change 14. (A-tax )	cement grout placed by memic.
Industrial o other agratuation of the mountains	2. Minimum seal depth for monitoring wells is the
	maximum depth practicable or 20 feet.
DRILLING METHOD:  Mud Retary C Air Relaty C Augus C	d. Geotechnical 🦿
Man vort	Backfill bore hole with compacted cuttings or heavy
Croic . C days	bentonite and upper two feet with compacted meterial.
DRILLER'S LICENSE NO. 716002 210-12-31-01	In mean of known or suspected concumination, we misd
Dain Tout in & the word of	cement grout shall be used in place of compacted curings.
WELL PROJECTS O EAST Test in & Hungement	E. CATHODIC  Fill hole above anode rone with concrete placed by tremte
Drill Hole Dizmeter 🖒 in. Maximum 🚐	F. WELL DESTRUCTION
Casing Diameter in. Depth 45 ft	See attached.
Surface Seal Depth 12 ft. Number	C. SPECIAL CONDITIONS
( alayoto Alb)	1 ( )
GEOTECHNICAL PROJECTS LLYTHY IN THE	See Attached.
Number of Borings Meximum  Hole Diameter in Depth R.	
Hole Diameterin. DepthR.	1-3-0
ESTIMATED STARTING DATE // 20/0/	1/1///
ESTIMATED COMPLETION DATE	APPROVED
to increase and a second	× / / / / · · ·
	( V ) •
I hereby agree to comply with all requirements of this permit and	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Alameda Councy Ordinance No. 73-68.	$\setminus \mathcal{N} $
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
- Arran Arran Lill	$\checkmark$

# APPENDIX C: ENTECH ANALYTICAL LABS, INC. CHEMICAL TESTS REPORTS

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

February 09, 2001

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

Order: 24261

Project Name:

GA/Wall Installs

Project Number:

Project Notes:

Date Collected: 1/30/01

Date Received: 2/2/01

P.O. Number:

On February 02, 2001, samples were received under documentented chain of custody. Results for the following analyses are attached:

**Matrix** Solid

<u>Test</u>

Gas/BTEX

Method

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

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

Environmental Testing 1792 Rogers Avenue San Jose, CA 95112 Attn: Tom Price Date: 02/09/01
Date Received: 2/2/01
Project Name:
Project Number:
P.O. Number:

Sampled By: Tom Price

**Certified Analytical Report** 

Order ID:	24261	Lab Sa	mple II	D: 2426	1-001		Client Sam	ple ID: MW	7-12(26.5)				
Sample Time:	11:22 AM	Sam	ple Dat	te: 1/30/	01		Matrix: Solid						
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method			
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020			
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020			
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020			
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020			
				Surroga		ate Sur		ogate Recovery	Contr	ol Limits (%)			
				aa	a-Trifluoro	otoluene		107	6:	5 - 135			
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method			
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8015 MOD: (Purgeable)			
					Surrog	ate	Surr	ogate Recovery	Contr	rol Limits (%)			
				aa	a-Trifluore	otoluene		114	6.	5 - 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)

Michell L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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

Environmental Testing 1792 Rogers Avenue San Jose, CA 95112 Attn: Tom Price Date: 02/09/01
Date Received: 2/2/01
Project Name:
Project Number:
P.O. Number:

Sampled By: Tom Price

**Certified Analytical Report** 

Order ID: 24261		Lab Sa	mple II	<b>):</b> 2426	1-002		Client Sam	ple ID: MV	V-13(26.5)			
Sample Time: 9:45 AM		Sample Date: 1/31/01					Matrix: Solid					
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method		
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020		
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020		
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020		
Xylenes, Total	ND		I	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020		
					Surrog	ate Surrogate Recovery			Control Limits (%)			
				aa	a-Trifluoro	otoluene		104	63	5 - 135		
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method		
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8015 MOD. (Purgeable)		
					Surrog	ate	Surr	ogate Recovery	Conti	ol Limits (%)		
				aa	a-Trifluoro	otoluene		111	6:	5 - 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

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

Environmental Testing 1792 Rogers Avenue San Jose, CA 95112 Attn: Tom Price Date: 02/09/01
Date Received: 2/2/01
Project Name:
Project Number:
P.O. Number:

Sampled By: Tom Price

**Certified Analytical Report** 

Order ID: 24261		Lab Sa	mple II	<b>):</b> 2426	1-003		Client Sam	ple ID: MV	V-14(26.5)			
Sample Time: 2:53 PM	Sample Date: 1/31/01						Matrix: Solid					
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method		
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020		
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020		
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020		
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8020		
					Surreg	ate Surrogate Recove			y Control Limits (%)			
				aa	a-Trifluoro	otoluene		105	6.	5 - 135		
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method		
TPH as Gasoline	ND -		l	1	1	mg/Kg	N/A	2/2/01	SGC4010201	EPA 8015 MOD. (Purgeable)		
					Surrog	ate	Surr	ogate Recovery	Conti	rol Limits (%)		
				aa	a-Trifluore	otoluene		111	6	5 - 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

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

# **Quality Control Results Summary**

QC Batch #:

SGC4010201

Matrix: Solid

Units:

mg/Kg

Date Analyzed:

2/1/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TI	H as Gasoline						· · · · · · · · · · · · · · · · · · ·				
TPH as Gasolir	e EPA 8015 M	ND		0.561		0.503	LCS	89.7			65.0 - 135.0
	Surrogate		Surrog	ate Recover	гу	Control 1	Limits (%)				
	aaa-Trifluorotoh	uene		105		65 -	135				
Test: B	TEX			<del></del>							
Benzene	EPA 8020	ND		0.0062		0.006	LCS	96.8			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.006	LCS	76.9			65.0 - 135.0
Toluene	EPA 8020	ND		0.0358		0.030	LCS	83.8			65.0 - 135.0
Xylenes, total	EPA 8020	ND		0.043		0.034	LCS	79.1			65.0 - 135.0
	Surrogate		Surrog	ate Recover	ry	Control 1	Limits (%)			_	
	aaa-Trifluorotoli	iene		102		65 -	135				
	TBE by EPA 802			0.060	<u> </u>	0.055	1.00	00.7	<u> </u>		(5A 1250
Metnyl-t-butyl	Ether EPA 8020	ND		0.062		0.055	LCS	88.7			65.0 - 135.0
İ	Surrogate aaa-Trifluorotoli		Surrog	ate Recover	ry		Limits (%)				
				102		03 -	135				
Test: TH	PH as Gasoline te EPA 8015 M	ND		0.561		0.500	LCSD	89.1	0.60	30.00	65.0 - 135.0
i i i as Gasoni	Surrogate	- ND	Surrac	ate Recover	····		Limits (%)	0.1	0.00	20.00	
j	aaa-Trifluorotoli	iene	201108	107	y		135				
							155				
Test: B7	TEX EPA 8020	ND		0.0062		0.006	LCSD	96.8	0.00	30.00	65.0 - 135.0
	EPA 8020 EPA 8020	ND		0.0062		0.006	LCSD	90.8 76.9	0.00	30.00	65.0 - 135.0
Ethyl Benzene Toluene		ND				0.006			0.00		
	EPA 8020			0.0358		0.030	LCSD	83.8		30.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		0.043		0.035	LCSD	81.4	2.90	30.00	65.0 - 135.0
İ	Surrogate aaa-Trifluorotoli		Surrog	gate Recover	ry		Limits (%)				1
				100		65 -	135				
	TBE by EPA 802										
Methyl-t-butyl	Ether EPA 8020	ND		0.062		0.057	LCSD	91.9	3.57	30.00	65.0 - 135.0
	Surrogate		Surrog	ate Recove	ry		Limits (%)				
<u></u>	aaa-Trifluorotoli	uene		100		65 -	135				

	(408) 588	-0200	K		nain	of (	Cus	tod	y / A	Ana	lysi	s R	equest
Attention to: Tom Price	Phon <b>M</b> e	No.: 0)453 r	1800	Purchase (				ice to (il D	ifferent)		Pho	ne	
Company Name: Testin. Environmental Testin.	7 Fåx N	1801		Project Nu			Company						01 FEB 2 13
Mailing Address: 1792 Regens Ab	<u> </u>	/		Project Na				dress (if D	ifferent)	<del></del>		·	<u>.</u>
Son Jose	State	A 20:025	5110	Project Lo	cation:		City:				Sta	te Zip	<u>'</u>
Attention to:  TOM Price  Company Name:  Environmental Testin.  Mailing Address:  1792 Regers Ai  City:  Sam Jose  Sampler:  Tomfrice  Order ID:	Turn Around , Time	Same Day 24 Hour 48 Hour 72 Hour Standard	Xoooo										
Order ID:  Client ID Laboratory No.	Sampling	Matrix Composite	Grab Containers	Preservative দিক্তা			16818						Remarks
NW-12 (265)		22	1			X							24261-001
MW-13 (24.5) MW-14 (26.5)	1/3/1/31 39	53	K.			<del>   </del>		1					-002
F1W-14 (J.6.5)	1/31/01/17	33	X										
Relinguished by: Received by Repeived by: Repeived by:	i Pachado		Time: 346 Time:	Specia	l Instruc	tions or	Comme	nts				☐ NPDE	S Detection Limits
Relinquished by: Received by  Relinquished by: Received by			Time: Time:		: Al, As, S , Sr, Tl, S								Ni, K, Si, Ag, Na, LUFT-5 □

## **APPENDIX D: REPORT DISTRIBUTION LIST**

Copies of this report were mailed by regular first class mail to the following parties:

Seung Lee German Autocraft 301 E. 14th Street San Leandro, California 94577

Scott O. Seery Alameda County Department of Environmental Health 1131 Harbor Bay Parkway, #250 Alameda, California 94502-6577

Mike Bakaldin City of San Leandro Environmental Department 835 E. 14th Street, Suite 200 San Leandro, California 94577