

**RECEIVED**

By Alameda County Environmental Health at 2:22 pm, Jan 14, 2015

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

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

Dear Sir or Ma'am:

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

Sincerely,



Lee Seung  
Owner, German Autocraft



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

January 14, 2015  
Project No. 2076-0301-01

Mr. Mark Detterman, P.G., C.E.G.  
Alameda County Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94501

Re: **Water Well Survey Results Report**  
German Autocraft  
301 East 14<sup>th</sup> Street  
San Leandro, CA

Dear Mr. Detterman:

Stratus Environmental, Inc. (Stratus) has prepared this *Water Well Survey Results Report (Report)*, on behalf of Mr. Seung Lee, for the German Autocraft facility (the site) located at 301 East 14<sup>th</sup> Street in San Leandro, California (see Figure 1). In a letter dated April 28, 2014, Alameda County Environmental Health Department (ACEHD) personnel requested that Stratus perform a well survey of the nearby area utilizing California Department of Water Resources (DWR) and Alameda County Public Works Agency (ACPWA) databases. Recently Stratus received historical data available from DWR and ACPWA, and has written this *Report* to document these findings.

## **SITE DESCRIPTION**

The site is located on the southwestern corner of the intersection of East 14<sup>th</sup> Street and Garcia Avenue in the City of San Leandro. The site is immediately bordered by residential apartments to the west and commercial buildings to the south. The area surrounding the site is mixed moderate density residential and commercial, with residential predominating to the west (see Figures 2 and 3). Topography in the area slopes slightly to the west and groundwater flow generally follows topography to the west and southwest.

According to historical records, the site was used as a retail gasoline fueling facility up until 1981, before being converted exclusively to an auto repair facility. The current property owner, Mr. Lee, purchased the property in 1985, and has continued to use the facility exclusively for auto repair services. Based on historical records, two 1,000-gallon and two 2,000-gallon unleaded gasoline underground storage tanks (USTs), one 550-gallon regular gasoline UST, and one 150-gallon waste oil UST were removed from the property in September 1990 and properly

disposed of. In addition, the fuel dispenser islands and associated fuel product lines were removed at that time. During UST removal activities conducted by The Environmental Consulting Company (TECC), it was reported that both of the 1,000-gallon USTs and the 550-gallon UST had holes in them and showed signs of extensive corrosion. Soil staining in and around the excavation pit was also noted. Soil samples taken from within the excavation pit confirmed that petroleum hydrocarbons had in fact impacted the subsurface. An environmental case was subsequently opened for the site and assessment activities have been ongoing since. More detailed discussions on these activities can be found in Stratus's *Technical Memo/Work Plan* dated March 5, 2014.

## **WATER WELL SURVEY**

Stratus conducted a 2,000-foot radius water well survey for the site. Well completion reports on file with DWR and database logs from ACPWA were requested and ultimately reviewed. Well completion reports received from DWR indicated that one domestic well and three irrigation wells were located within 2,000 feet of the site. Two of the irrigation wells are located at 91 and 93 Broadmore Boulevard, respectively, approximately 550 feet northeast of the site. The third irrigation well is located at 74 Euclid Avenue, approximately 1,000 feet southeast of the site. The domestic well discovered in the well survey is located at 550 San Leandro Street, approximately 2,000 feet south of the site. According to ACPWA well records reviewed by Stratus, only one well is located within 2,000 feet of the subject site; the same well discovered using the DWR database search (550 San Leandro Street). Locations of the wells discovered during the well survey are shown in Figure 4. Table 1 summarizes the well construction details obtained from DWR logs.

According to the owner of the irrigation well at 141 Farrelly Drive, there are at least four other domestic wells located in the neighborhood (as previously reported). However, after utilizing DWR and ACPWA database searches, no wells were discovered to be located in the Farrelly Drive neighborhood. This information concurs with a sensitive receptor survey conducted for the Monument Gas site located approximately 350 feet northwest of the site, as well as with previous environmental consultants attempts to discover these wells. No previously unknown wells were discovered based on the results of the water well survey.

Information regarding other sensitive receptors in the vicinity of the site, including sensitive populations and bodies of water, can be found in Stratus's *Site Conceptual Model and Interim Remedial Action Plan* dated October 18, 2010.

If you have any questions regarding this *Report*, please contact Trevor Hartwell at (530) 313-9966.

Sincerely,

*STRATUS ENVIRONMENTAL, INC.*



Carl Schulze  
Staff Geologist



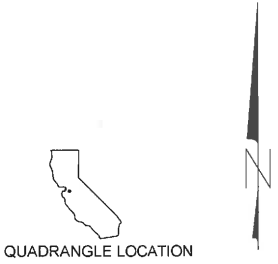
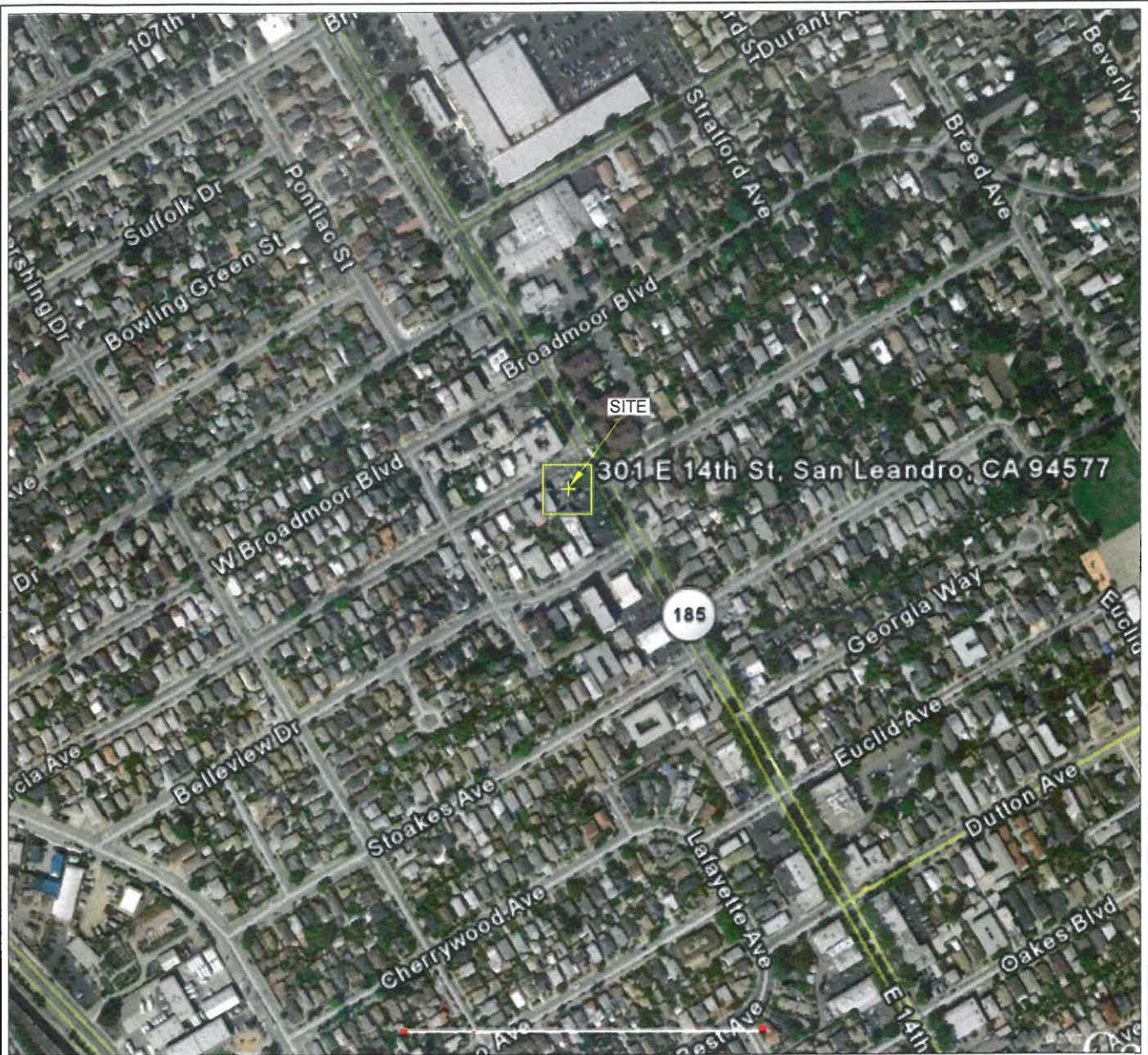
Trevor M. Hartwell, P.G.  
Senior Project Manager



Attachments:	Figure 1	Site Location Map
	Figure 2	Site Vicinity Map
	Figure 3	Site Plan
	Figure 4	Well Survey Results Map
	Table 1	Well Construction Details

cc: Mr. Seung Lee, German Autocraft  
Mr. William Andrade  
Mr. and Mrs. Steve Wilhelm





QUADRANGLE LOCATION



*STRATUS*  
ENVIRONMENTAL, INC.

GERMAN AUTOCRAFT  
301 EAST 14th STREET  
SAN LEANDRO, CALIFORNIA

FIGURE  
**1**

SITE LOCATION MAP

PROJECT NO.  
2076-0301-01

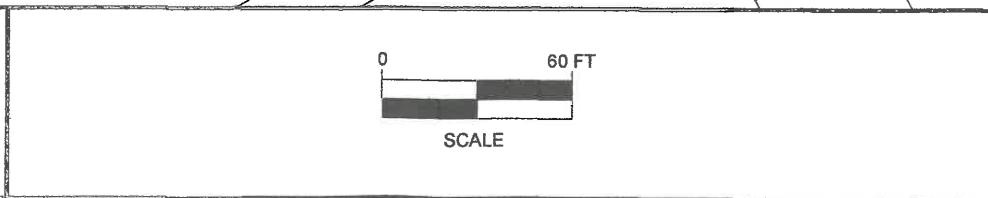




- LEGEND:
- ⊕ MW-2 MONITORING WELL LOCATION
  - B-1 APPROXIMATE SOIL BORING LOCATION ON SITE
  - × B1 APPROXIMATE SOIL BORING LOCATION DEC 1993 ACC FOR SUNSHINE CLEANERS
  - ⊠ SV-1 APPROXIMATE SVI PROBE LOCATION (JAN 2009), GCI
  - ⊗ ETM-1 APPROXIMATE SOIL BORING/ GRAB GROUNDWATER SAMPLING LOCATION (NOV 1995), ETM
  - ⊞ VP-1 APPROXIMATE SOIL VAPOR POINT LOCATION
  - ⊕ HP-1 APPROXIMATE SOIL BORING LOCATION



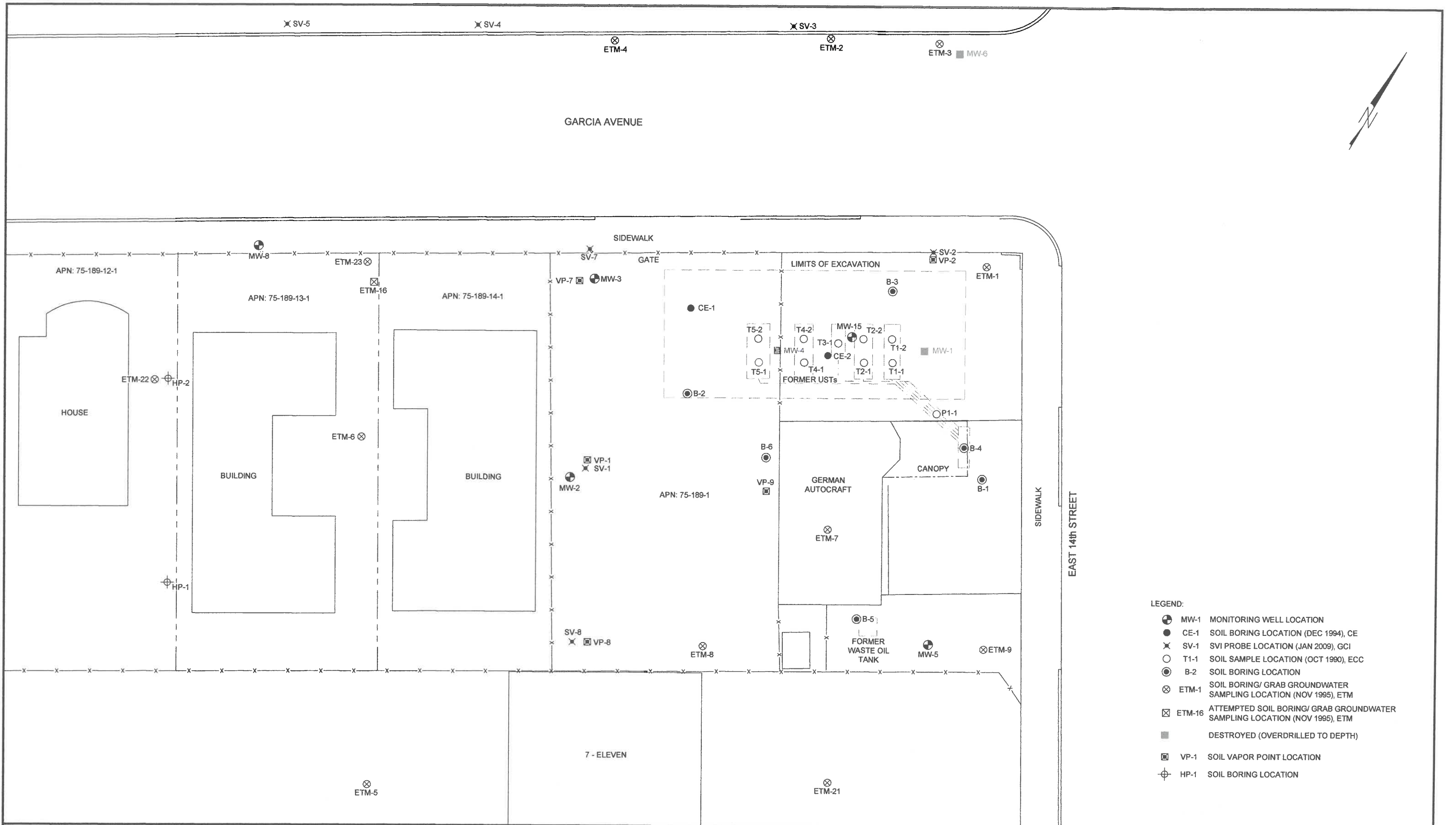
PATH NAME: German Auto  
 DRAFTER INITIALS: JMP  
 DATE LAST REVISED: January 8, 2014  
 FILENAME: German Auto Site Vicinity Map



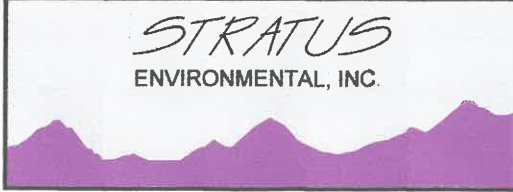
GERMAN AUTOCRAFT  
 301 EAST 14th STREET  
 SAN LEANDRO, CALIFORNIA

SITE VICINITY MAP

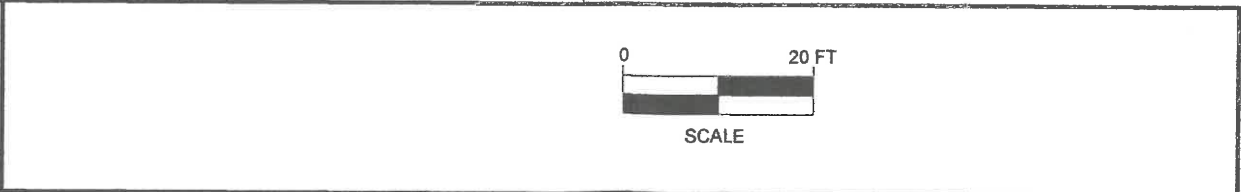
FIGURE  
 2  
 PROJECT NO.  
 2076-0301-01



- LEGEND:
- MW-1 MONITORING WELL LOCATION
  - CE-1 SOIL BORING LOCATION (DEC 1994), CE
  - × SV-1 SVI PROBE LOCATION (JAN 2009), GCI
  - T1-1 SOIL SAMPLE LOCATION (OCT 1990), ECC
  - B-2 SOIL BORING LOCATION
  - ⊗ ETM-1 SOIL BORING/ GRAB GROUNDWATER SAMPLING LOCATION (NOV 1995), ETM
  - ⊗ ETM-16 ATTEMPTED SOIL BORING/ GRAB GROUNDWATER SAMPLING LOCATION (NOV 1995), ETM
  - DESTROYED (OVERDRILLED TO DEPTH)
  - ⊗ VP-1 SOIL VAPOR POINT LOCATION
  - ⊕ HP-1 SOIL BORING LOCATION



PATH NAME: German Auto  
 DRAFTER INITIALS: JMP  
 DATE LAST REVISED: January 13, 2015  
 FILENAME: German Auto Siteplan

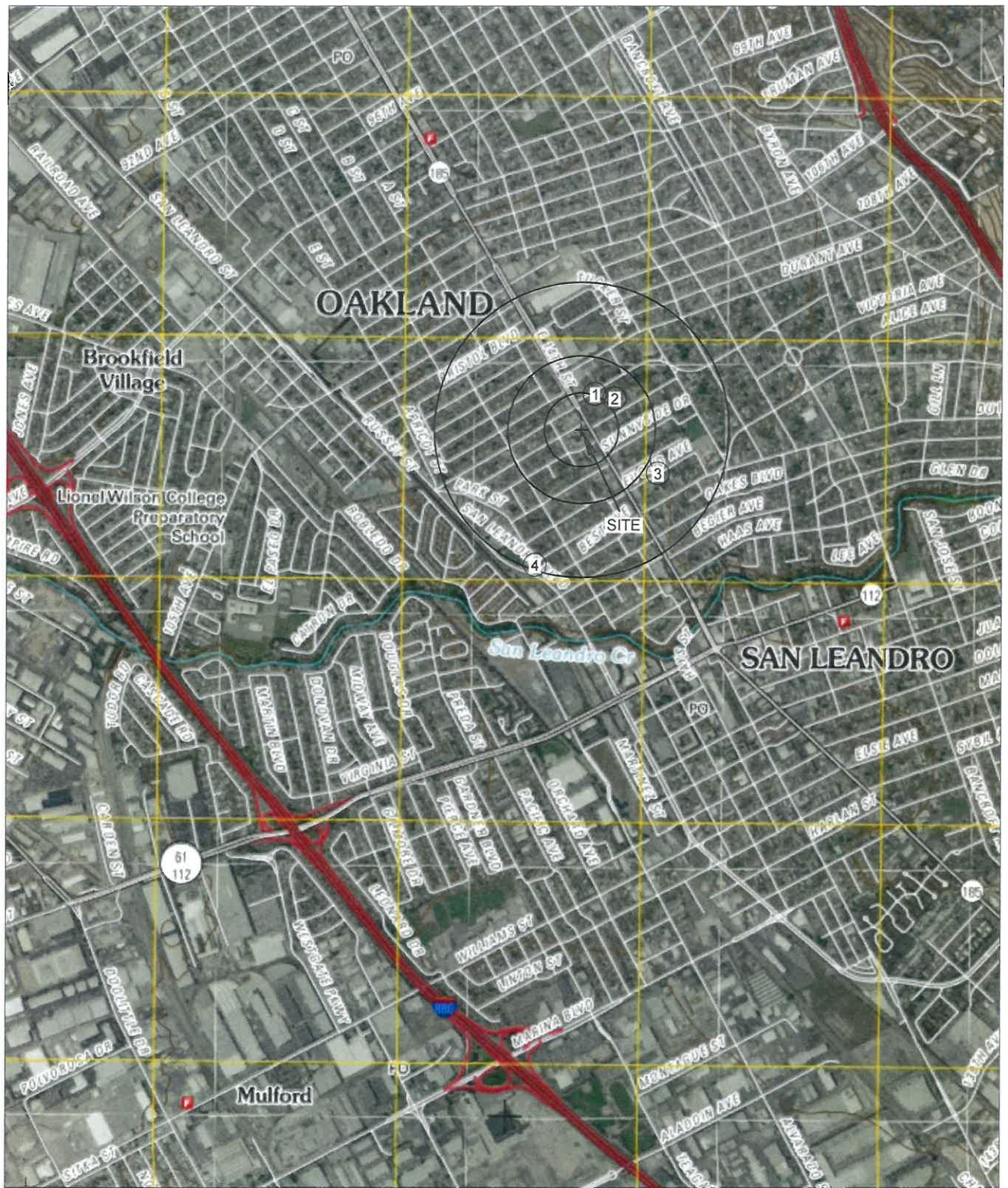


GERMAN AUTOCRAFT  
 301 EAST 14th STREET  
 SAN LEANDRO, CALIFORNIA

SITE PLAN

FIGURE  
**3**  
 PROJECT NO.  
 2076-0301-01





① DOMESTIC WATER WELL LOCATIONS



SCALE

*STRATUS*  
ENVIRONMENTAL, INC.

GERMAN AUTOCRAFT  
301 EAST 14TH STREET  
SAN LEANDRO, CALIFORNIA  
  
WELL SURVEY RESULTS MAP

FIGURE  
**4**  
PROJECT NO.  
2076-0301-01



**TABLE 1**  
**WELL CONSTRUCTION DETAILS**  
 GERMAN AUTOCRAFT  
 300 East 14th Street, San Leandro, CA

Well Location Map I.D. #	Property Address	Date Installed	Total Depth (feet)	Depth of Seal (feet)	Casing Diameter (inches)	Casing Depth (feet)	Screened Interval (feet)	Slot Size (inches)
1	91 Broadmore Boulevard	05/06/77	32	0-20	---	32	20-32	---
2	93 Broadmore Boulevard	08/15/82	100	0-30	8	100	68-100	1/8 X 1&1/2
3	74 Euclid Avenue	08/06/77	45	0-20	6	45	35-45	---
4	550 San Leandro Boulevard	03/03/52	75	---	12	75	20-65	1/8 X 4

NOTES:

--- = Not Applicable or No Information Available At This Time

All well construction data was obtained by Stratus from Well Driller's Reports on file with the Department of Water Resources