

RECEIVED

By Alameda County Environmental Health at 10:48 am, Mar 19, 2015

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

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

Dear Sir or Ma'am:

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

Sincerely,



Lee Seung
Owner, German Autocraft



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

March 18, 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: **Door-to-Door Well Survey Results Report**
German Autocraft
301 East 14th Street
San Leandro, CA

Dear Mr. Detterman:

Stratus Environmental, Inc. (Stratus) has prepared this *Door-to-Door Well Survey Results Report (Report)*, on behalf of Mr. Seung Lee, for the German Autocraft facility (the site) located at 301 East 14th Street in San Leandro, California (see Figure 1). In a letter dated February 11, 2015, Alameda County Environmental Health Department (ACEHD) personnel requested that Stratus perform a well survey of the nearby area by canvassing door-to-door. This *Report* documents the findings of the survey.

SITE DESCRIPTION

The site is located on the southwestern corner of the intersection of East 14th 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 Figure 2). 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 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

An irrigation well has long been identified at 141 Farrelly Drive, approximately 430 feet down-gradient from the site. During a conversation with the owner of the 141 Farrelly Drive property, it was said that there are as many as four wells in the neighborhood that are not documented. Stratus conveyed this information to the ACEHD, who subsequently directed Stratus to perform a door-to-door survey. Stratus conducted a door-to-door survey of the area surrounding the site, at approximately 1,000 feet from the site in the down-gradient and cross-gradient directions, and approximately 750 feet in the up-gradient direction, as shown on Figure 2. The door-to-door survey was conducted on March 12, 2015, by asking each single-family residence in the search area if a water well was present on the property. Of the 246 residences contacted, 80 responded that there was no well on the property, two were occupied but did not have a person present who spoke English or Spanish, and one declined to answer; the rest were not occupied during the survey (see Table 1).

One property with a well was identified; the resident of 280 Farrelly Drive informed Stratus that there was a well on his property. The residence at 280 Farrelly Drive is on the edge of the 1,000-foot search radius, down/cross-gradient from the site, and approximately 600 feet cross-gradient from the nearest known hydrocarbon impact. The resident of the property said that the well has never been used since he has lived there.

Based on the distance of the newly-discovered well from the known hydrocarbon plume, and the current resident's admission that it has not been used, Stratus does not consider it to be in danger from petroleum hydrocarbon impact. Extensive research into the suspected wells has uncovered no previously-unknown wells that are in danger of impact from the site's hydrocarbon plume; Stratus considers the well search to be complete to the best of our ability.

Mr. Mark Detterman, ACEHD
Door-to-Door Well Survey Results Report
German Autocraft, San Leandro, CA
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March 18, 2015
Project No. 2076-0301-01

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

Sincerely,
STRATUS ENVIRONMENTAL, INC.



Allan Dudding
Project Geologist

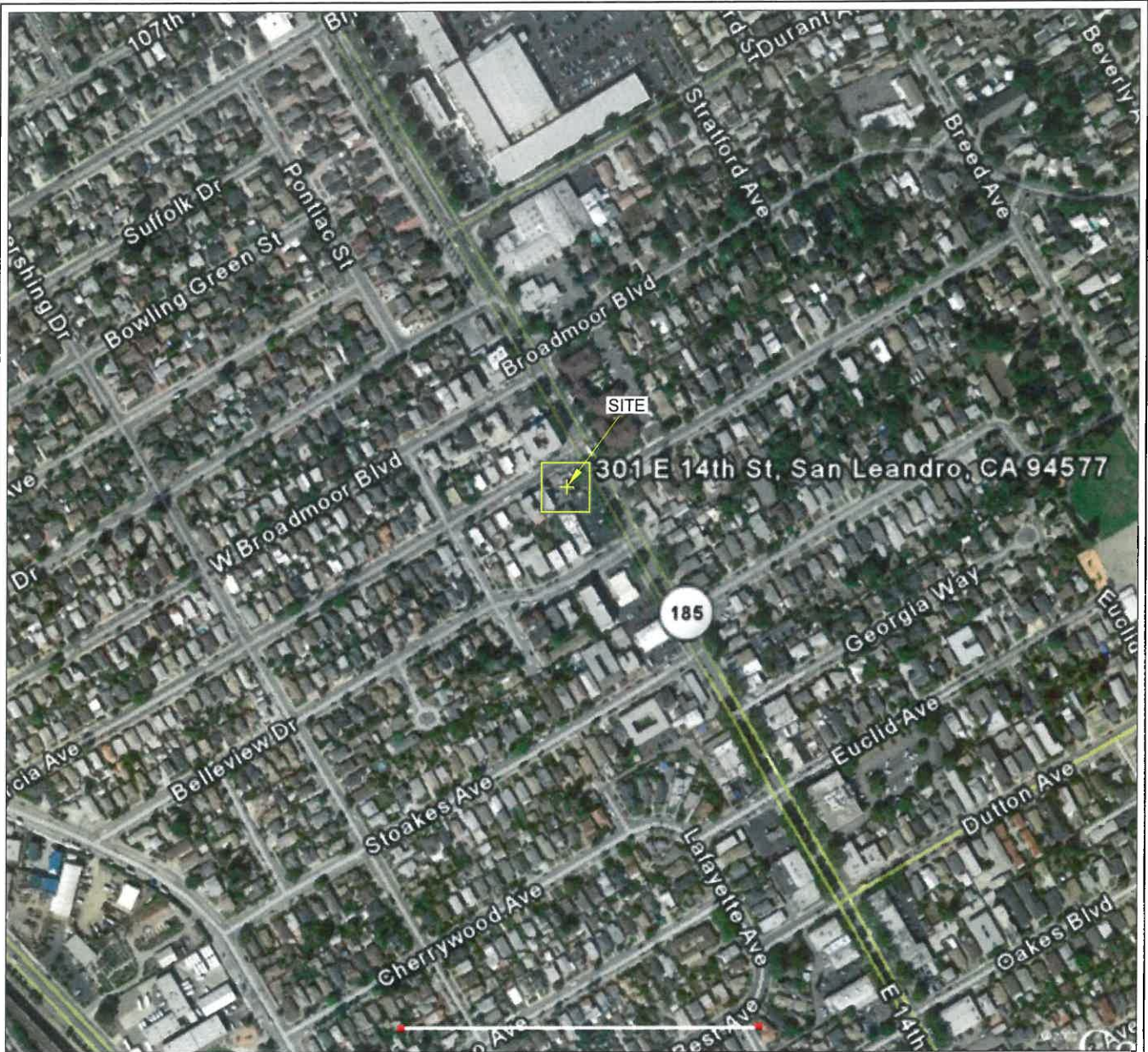


Trevor M. Hartwell, P.G.
Senior Project Manager



Attachments: Figure 1 Site Location Map
 Figure 2 Door-to-Door Survey Map
 Table 1 Door-to-Door Well Search Results

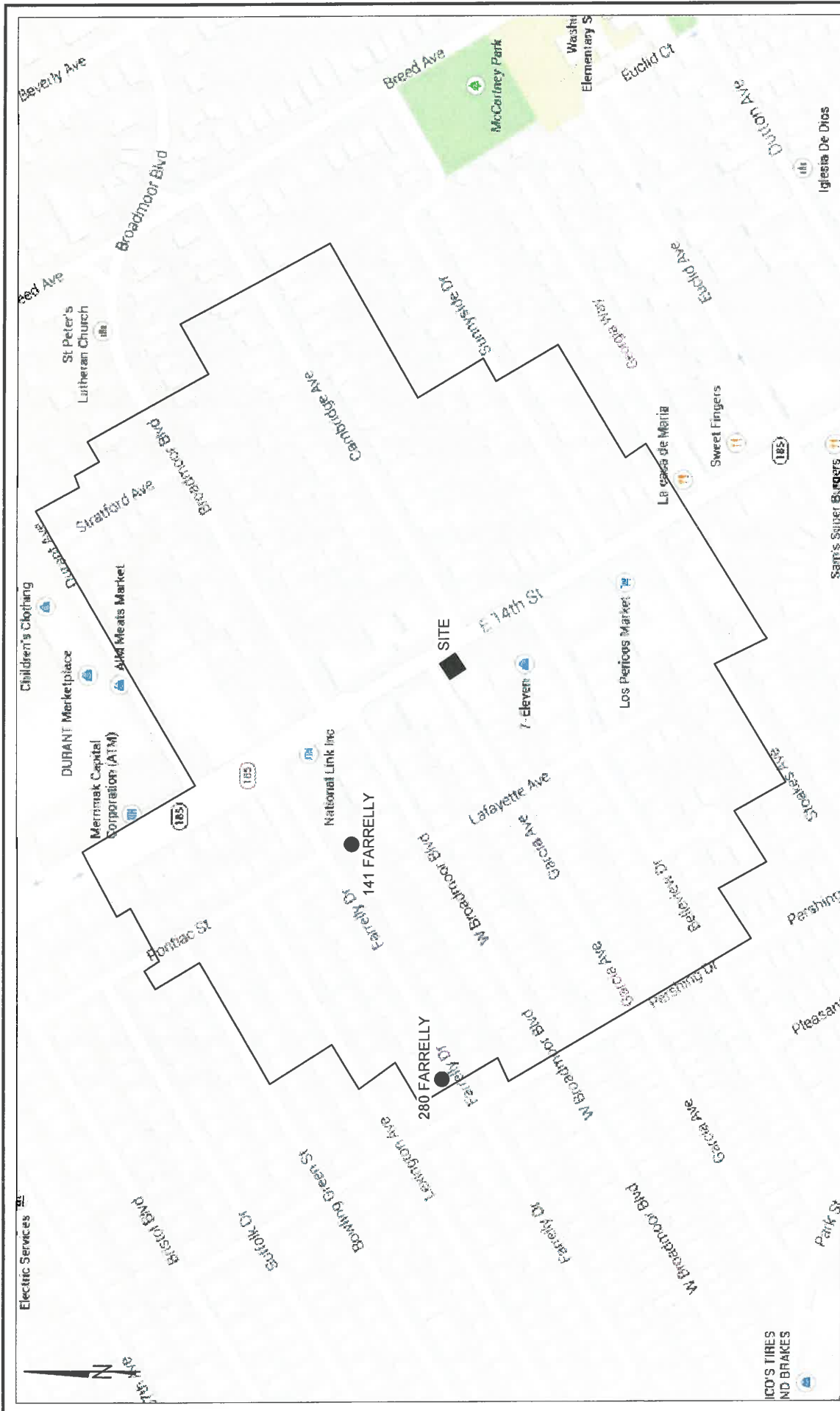
cc: Mr. Seung Lee, German Autocraft
 Mr. William Andrade
 Mr. and Mrs. Steve Wilhelm



GERMAN AUTOCRAFT
 301 EAST 14th STREET
 SAN LEANDRO, CALIFORNIA

SITE LOCATION MAP

FIGURE
1
 PROJECT NO.
 2076-0301-01



● PROPERTY WITH WELL

STRATUS
ENVIRONMENTAL, INC.

GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA
DOOR TO DOOR SURVEY MAP

FIGURE
2

PROJECT NO.
2076-0301-01

Table 1
Door-to-Door Well Search Results
German Autocraft, 301 East 14th Street, San Leandro, California

Address	Well	Address	Well
295 W. Broadmoor Blvd.	--	272 W. Broadmoor Blvd.	--
293 W. Broadmoor Blvd.	--	276 W. Broadmoor Blvd.	--
285 W. Broadmoor Blvd.	no	284 W. Broadmoor Blvd.	--
277 W. Broadmoor Blvd.	no	290 W. Broadmoor Blvd.	--
271 W. Broadmoor Blvd.	no	190 Pershing Dr.	--
265 W. Broadmoor Blvd.	--	291 Farrelly Dr.	--
259 W. Broadmoor Blvd.	--	281 Farrelly Dr.	--
251 W. Broadmoor Blvd.	--	271 Farrelly Dr.	--
245 W. Broadmoor Blvd.	--	261 Farrelly Dr.	no
237 W. Broadmoor Blvd.	--	251 Farrelly Dr.	--
231 W. Broadmoor Blvd.	--	241 Farrelly Dr.	--
225 W. Broadmoor Blvd.	--	231 Farrelly Dr.	--
217 W. Broadmoor Blvd.	--	221 Farrelly Dr.	--
211 W. Broadmoor Blvd.	--	211 Farrelly Dr.	--
205 W. Broadmoor Blvd.	no	201 Farrelly Dr.	no
241 Lafayette Ave.	--	191 Farrelly Dr.	--
180 W. Broadmoor Blvd.	no	181 Farrelly Dr.	--
188 W. Broadmoor Blvd.	--	171 Farrelly Dr.	--
194 W. Broadmoor Blvd.	no	161 Farrelly Dr.	--
200 W. Broadmoor Blvd.	--	151 Farrelly Dr.	--
208 W. Broadmoor Blvd.	--	141 Farrelly Dr.	YES
212 W. Broadmoor Blvd.	no	135 Farrelly Dr.	--
216 W. Broadmoor Blvd.	--	123 Farrelly Dr.	--
224 W. Broadmoor Blvd.	no	136 Farrelly Dr.	no
230 W. Broadmoor Blvd.	no	184 Pontiac St.	no
236 W. Broadmoor Blvd.	no	178 Pontiac St.	--
244 W. Broadmoor Blvd.	no	172 Pontiac St.	--
250 W. Broadmoor Blvd.	no	166 Pontiac St.	--
258 W. Broadmoor Blvd.	--	160 Pontiac St.	--

Table 1
Door-to-Door Well Search Results
German Autocraft, 301 East 14th Street, San Leandro, California

Address	Well	Address	Well
264 W. Broadmoor Blvd.	--	220 Farrelly Dr.	--
154 Pontiac St.	no	232 Farrelly Dr.	--
148 Pontiac St.	no	244 Farrelly Dr.	--
133 Pontiac St.	--	256 Farrelly Dr.	--
159 Bowling Green St.	no	268 Farrelly Dr.	--
171 Bowling Green St.	no	280 Farrelly Dr.	YES
183 Bowling Green St.	--	292 Farrelly Dr.	no
195 Bowling Green St.	--	288 Garcia Ave.	no
160 Lexington Ave.	no	284 Garcia Ave.	--
172 Lexington Ave.	no	276 Garcia Ave.	no
174 Lexington Ave.	--	270 Garcia Ave.	--
200 Lexington Ave.	--	264 Garcia Ave.	--
208 Lexington Ave.	--	250 Garcia Ave.	--
220 Lexington Ave.	--	244 Garcia Ave.	--
232 Lexington Ave.	--	236 Garcia Ave.	--
255 Lexington Ave.	--	230 Garcia Ave.	--
243 Lexington Ave.	--	224 Garcia Ave.	--
231 Lexington Ave.	--	216 Garcia Ave.	--
219 Lexington Ave.	--	210 Garcia Ave.	--
207 Lexington Ave.	--	204 Garcia Ave.	--
195 Lexington Ave.	--	182 Garcia Ave.	--
183 Lexington Ave.	--	170 Garcia Ave.	no
171 Lexington Ave.	--	158 Garcia Ave.	--
159 Lexington Ave.	--	159 Garcia Ave.	no
160 Farrelly Dr.	--	171 Garcia Ave.	no
172 Farrelly Dr.	--	182 Garcia Ave.	--
184 Farrelly Dr.	--	205 Garcia Ave.	--
196 Farrelly Dr.	--	211 Garcia Ave.	no
208 Farrelly Dr.	--	219 Garcia Ave.	--

Table 1
Door-to-Door Well Search Results
German Autocraft, 301 East 14th Street, San Leandro, California

Address	Well	Address	Well
225 Garcia Ave.	--	211 Belleview Dr.	--
231 Garcia Ave.	no	213 Belleview Dr.	--
245 Garcia Ave.	no	225 Belleview Dr.	--
251 Garcia Ave.	--	231 Belleview Dr.	--
257 Garcia Ave.	--	235 Belleview Dr.	--
265 Garcia Ave.	--	352 Rosewood Ct.	--
271 Garcia Ave.	no	360 Rosewood Ct.	no
277 Garcia Ave.	no	361 Rosewood Ct.	no
285 Garcia Ave.	no	351 Rosewood Ct.	no
291 Garcia Ave.	no	47 Sunnyside	no
297 Garcia Ave.	--	67 Sunnyside	--
292 Belleview Dr.	--	77 Sunnyside	--
286 Belleview Dr.	--	87 Sunnyside	no
280 Belleview Dr.	no	97 Sunnyside	no
274 Belleview Dr.	no	111 Sunnyside	--
266 Belleview Dr.	no	115 Sunnyside	--
258 Belleview Dr.	--	125 Sunnyside	--
250 Belleview Dr.	no	135 Sunnyside	--
242 Belleview Dr.	--	220 Sunnyside	--
237 Belleview Dr.	--	210 Sunnyside	--
232 Belleview Dr.	--	198 Sunnyside	no
230 Belleview Dr.	--	182 Sunnyside	no
224 Belleview Dr.	--	160 Sunnyside	no
216 Belleview Dr.	--	154 Sunnyside	--
210 Belleview Dr.	--	144 Sunnyside	--
341 Lafayette Ave.	--	134 Sunnyside	--
188 Belleview Dr.	--	118 Sunnyside	--
164 Belleview Dr.	no	114 Sunnyside	--
205 Belleview Dr.	--	106 Sunnyside	--

Table 1
Door-to-Door Well Search Results
German Autocraft, 301 East 14th Street, San Leandro, California

Address	Well	Address	Well
96 Sunnyside	no	66 Cambridge Ave.	no
88 Sunnyside	no	48 Cambridge Ave.	no
66 Sunnyside	--	55 Broadmoor Blvd.	no
60 Sunnyside	no	61 Broadmoor Blvd.	--
42 Sunnyside	--	91 Broadmoor Blvd.	--
22 Sunnyside	--	93 Broadmoor Blvd.	--
328 East 14th St.	no	97 Broadmoor Blvd.	--
39 Cambridge Ave.	no	99 Broadmoor Blvd.	no
65 Cambridge Ave.	--	119 Broadmoor Blvd.	no
79 Cambridge Ave.	--	129 Broadmoor Blvd.	no
91 Cambridge Ave.	--	181 Broadmoor Blvd.	--
101 Cambridge Ave.	no	195 Broadmoor Blvd.	--
117 Cambridge Ave.	no	201 Broadmoor Blvd.	--
131 Cambridge Ave.	no	215 Broadmoor Blvd.	no
135 Cambridge Ave.	--	231 Broadmoor Blvd.	no
153 Cambridge Ave.	--	249 Broadmoor Blvd.	--
165 Cambridge Ave.	--	262 Broadmoor Blvd.	--
171 Cambridge Ave.	--	234 Broadmoor Blvd.	--
185 Cambridge Ave.	no	228 Broadmoor Blvd.	--
182 Cambridge Ave.	--	222 Broadmoor Blvd.	no
174 Cambridge Ave.	no	210 Broadmoor Blvd.	--
156 Cambridge Ave.	--	198 Broadmoor Blvd.	no
146 Cambridge Ave.	--	188 Broadmoor Blvd.	--
136 Cambridge Ave.	no	178 Broadmoor Blvd.	--
128 Cambridge Ave.	no	168 Broadmoor Blvd.	no
114 Cambridge Ave.	no	134 Broadmoor Blvd.	no
108 Cambridge Ave.	--	90 Broadmoor Blvd.	--
86 Cambridge Ave.	--	80 Broadmoor Blvd.	--
80 Cambridge Ave.	no	62 Broadmoor Blvd.	no

Table 1
Door-to-Door Well Search Results
 German Autocraft, 301 East 14th Street, San Leandro, California

Address		Well	Address		Well
167	Stratford Ave.	--			
145	Stratford Ave.	--			
107	Stratford Ave.	no			
144	Stratford Ave.	--			
154	Stratford Ave.	--			
168	Stratford Ave.	no			
187	Durant Ave.	--			
177	Durant Ave.	--			
169	Durant Ave.	--			
87	East 14th St.	--			
98	East 14th St.	no			
101	East 14th St.	no			
105	East 14th St.	--			
109	East 14th St.	--			