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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 have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker Website.

Sincerely,

Seung Tae Lee

Owner, German Autocraft



September 14, 2017 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 94502

Re: Report of Results for Ozone Injection Remediation Pilot Test

German Autocraft Facility 301 East 14th Street San Leandro, California

Dear Mr. Detterman:

Stratus Environmental, Inc. (Stratus) has prepared this Report of Results for Ozone Injection Remediation Pilot Test (Report), on behalf of Mr. Seung Lee, for the German Autocraft Facility (the Site), located at 301 East 14th Street, San Leandro, California (see Figures 1 through 3). Subsurface petroleum hydrocarbon impact to soil and groundwater has previously been identified in the vicinity of the Site, and Alameda County Environmental Health Department (ACEHD) currently regulates an environmental case at this property. At the request of ACEHD personnel, Stratus prepared and submitted a Corrective Action Work Plan (Work Plan), dated June 13, 2016, that proposed to install 10 ozone injection (OI) wells at the Site and implement OI remediation at the subject property. After reviewing this Work Plan, ACEHD issued a letter dated August 3, 2016, that generally approved, with comments, the scope of work. ACEHD requested, however, that an OI pilot test be performed, instead of implementing this remedial approach full-scale. Between November 8, 2016 and April 4, 2017, Stratus conducted the OI pilot test by applying ozone into the subsurface through 10 injection wells. During the test. Stratus visited the Site periodically to collect field measurements of groundwater conditions and collect samples for laboratory analytical testing. This report has been prepared to document the work completed and present findings associated with the OI pilot testing. This report also includes a discussion regarding potential use of OI remediation full-scale at the Site, and recommendations for future actions to work to manage the environmental case to closure.

SITE DESCRIPTION

The property is located on the southern corner of the intersection of East 14th Street and Garcia Avenue in the City of San Leandro (Figure 2). Available records indicate that the property was used as a retail gasoline service station until 1981. According to historical documents prepared by previous consultants representing Mr. Lee, the property has been exclusively used for automotive repair since 1981. Mr. Lee purchased the property on April 15, 1985. In September 1990, six single-walled steel underground storage tanks (USTs) (two 1,000-gallon and two 2,000-gallon USTs previously used to store unleaded gasoline, one 550-gallon UST previously used to store regular gasoline, and one 150-gallon UST previously used to store waste oil) were removed from the property and properly disposed. In addition, the fuel dispenser island and associated product lines were removed at that time. The general configuration of the Site is shown on Figure 2. The area surrounding the Site is mixed commercial and moderate density residential.

According to the State Water Resource Control Board's (SWRCB's) GeoTracker database, numerous other contaminated properties under the ACEHD's regulatory oversight are present in the immediate vicinity of German Autocraft. Sunshine Cleaners, a dry-cleaning business located at 223 East 14th Street, approximately 130 feet north-northwest of the Site, has had an open (but predominately inactive) environmental case since 1993; that site is currently in the assessment phase for chlorinated solvents. San Leandro Chrysler-Plymouth, formerly located at 232 East 14th Street, northeast across 14th Street from German Autocraft, had a leaking UST environmental case open until 1997. In addition, the former Monument Gas station, located at 111 East 14th Street, approximately 375 feet north-northwest of German Autocraft, had a leaking UST case open until 2005. The Monument Gas case assessed groundwater contamination offsite to the southeast of that site (along Farrelly Drive) until closure.

CASE HISTORY

Environmental investigations at the Site began in September 1990, when the six-former single-walled steel USTs were removed from the property and properly disposed. The five fuel storage USTs were formerly located in a common pit on the north side of the property adjacent to Garcia Avenue; the waste oil UST was located on the south side of the station building/garage. During removal of the USTs, The Environmental Construction Company (TECC) noted 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 was noted in both the main UST area and the waste-oil UST area during excavation. Following removal of the USTs and product lines, ten soil samples were collected from below the USTs, one soil sample from beneath the former piping, and three samples from stockpiled soil.

The main UST pit was excavated to approximately 44 feet long, by 16 feet wide, and 8 feet deep; the waste oil UST pit was excavated to approximately 6 feet by 5 feet, and 6 feet deep. Historical documentation appears to indicate that the soil excavated from the waste oil UST excavation was removed from the Site. When the main UST area excavation was completed, TECC lined the excavation area with plastic, placed the excavated soil back in the excavation pit, and covered it with plastic as an intended temporary containment measure. Analytical results of soil samples collected during the UST removal activities indicated the presence of highly impacted soil (total petroleum hydrocarbons as gasoline [TPHg]/gasoline-range organics [GRO] and benzene, toluene, ethylbenzene, and total xylenes [BTEX] only) in the main UST pit. No detectable concentrations of GRO, total petroleum hydrocarbons as diesel (TPHd)/diesel-range organics (DRO), BTEX, oil and grease, or purgeable halocarbons were reported in the soil sample collected at the base of the waste oil UST excavation (though stockpile samples of excavated soil indicated some oil and grease impact).

In December 1990, TECC advanced three onsite soil borings (B-1, B-2, and B-3) to depths of about 35 feet below ground surface (bgs), and in December 1991 installed one groundwater monitoring well (MW-1) screened (25 to 45 feet bgs) across first-encountered water (approximately 30 to 35 feet bgs) just northeast of the main former UST excavation. Soil and groundwater samples from these borings and the monitoring well indicated GRO and BTEX impact at all four locations. A table summarizing soil boring and well construction details is included as Table 1.

In December 1994, Chemist Enterprises (renamed in 1995 as Environmental Testing and Management [ETM]) advanced two additional onsite soil borings (CE-1 and CE-2) and installed two additional onsite groundwater monitoring wells (MW-2 and MW-3) to further evaluate soil and groundwater impact. Boring CE-2 was advanced within the former UST excavation/backfill to assess impact directly beneath the former USTs. Soil and groundwater impact were found to be highest within the smear zone and at the water table surface (approximately 20 to 30 feet bgs).

In June 1994, Mr. Lee applied and was accepted in the SWRCB's UST Cleanup Fund as a priority B claimant.

In August 1995, following the detection of liquid-phase hydrocarbons (LPH) in boring CE-1, one additional groundwater monitoring well (MW-4) was installed by ETM within the former UST excavation for the purpose of removing LPH. LPH was reported in well MW-4 after development; a passive skimmer system was subsequently installed in the well for removal of LPH. The thickness of LPH at well MW-4 prior to installation of the skimmer system on September 22, 1995, was 0.10 feet. The skimmer system was maintained between September 1995 and June 1998, during which time, no measurable quantities of LPH were reportedly removed from well MW-4 (only water with a

hydrocarbon sheen). Following numerous attempts to redevelop the well and extract additional LPH from the vicinity of well MW-4, the skimmer system was removed and the well was added to the regular monitoring and sampling program. During the third quarter 1995, a routine quarterly groundwater monitoring and sampling program was established at the Site.

Between November 1995 and April 1996, ETM advanced thirty-nine (39) additional on- and off-site soil borings (ETM-1 through ETM-40, with ETM-16 attempted, but not completed) throughout the surrounding residential neighborhood. Soil conditions were logged in borings ETM-1, ETM-2, ETM-5, ETM-6, ETM-7, ETM-10, ETM-11, ETM-17, ETM-19, ETM-21, and ETM-22. Soil samples were collected for laboratory analyses from borings ETM-1, ETM-2, and ETM-7. Grab groundwater samples were collected from all thirty-nine borings (except ETM-6 which did not yield water). Analytical results indicated hydrocarbon impact to groundwater was found to be extensive in the area downgradient (west-northwest) of the Site; thirty of the thirty-eight grab groundwater samples were reported to contain GRO and/or benzene. In addition, LPH was reported during the sampling of boring ETM-38, located on West Broadmoor Boulevard, approximately 320 feet northwest of the Site. Well MW-1A was later installed immediately adjacent to boring ETM-38, and no LPH have been noted in this well during historical monitoring.

While canvassing the neighborhood to acquire access to properties for the investigation, ETM discovered a private residential irrigation well located at the residence at 141 Farrelly Drive, approximately 440 feet northwest (downgradient) of the Site. The owner of the well (and the property), Mr. Mitch Ramirez, had been using the well for landscape irrigation; upon the discovery of LPH in boring ETM-38, approximately 115 feet southeast of the 141 Farrelly Drive irrigation well, ACEHD requested that Mr. Ramirez discontinue use of his well. In April 1996, ETM collected a groundwater sample from the 141 Farrelly Drive well; results indicated the well was not impacted by petroleum hydrocarbons. With Mr. Ramirez's permission, the irrigation well was added to the periodic monitoring and sampling program.

In May 1997, the City of San Leandro contracted AllCal Property Services (AllCal) to install one groundwater monitoring well near the location of boring ETM-38. The well was designated MW-1, but is now referred to as MW-1A to avoid confusion with German Autocraft's onsite well MW-1. Initial sampling results of well MW-1A indicated GRO/BTEX impact (but LPH was not present).

In November 1997, the depression in the UST pits caused by the settling of the excavated soil was filled in with approximately 16 cubic yards of clayey silt soil and covered with Class II base rock.

In August 1998, ETM installed onsite monitoring well MW-5 and offsite monitoring wells MW-6, MW-8, MW-9, MW-10, and MW-11, to further evaluate the downgradient extent of GRO/BTEX impact in Garcia Avenue and the residential city block between Garcia Avenue and West Broadmoor Boulevard. Well MW-7 was not installed due to a utility obstruction in Garcia Avenue. Initial analytical results from the wells indicated impact to all six new wells.

In January 2001, three additional off-site groundwater monitoring wells (MW-12, MW-13, and MW-14) were installed by ETM to continue delineation of the groundwater impact offsite. Initial analytical results from well MW-12 indicated impact; wells MW-13 and MW-14 indicated little to no impact to the southwest of the Site in the vicinity of Lafayette Avenue.

In November 2007, Groundwater Cleaners, Inc. (GCI) prepared and submitted a *Corrective Action Plan* (CAP) that provided technical and cost effectiveness evaluations of monitored natural attenuation (MNA), soil excavation, dual phase extraction (DPE)/air sparging (AS), and bioremediation. Results of their evaluation indicated that DPE/AS would be most viable and cost-effective, and recommended that a 5-day DPE/AS pilot test be performed. In a letter dated December 28, 2007, ACEHD indicated their concurrence with the proposed DPE/AS feasibility study; however, due to the data gap related to potential risk associated with the vapor intrusion pathway, the ACEHD requested that further site characterization be performed; specifically, a soil vapor investigation. GCI prepared a *Work Plan for Soil Vapor Investigation*, dated February 14, 2008, and a *Work Plan for DPE/AS Feasibility Study*, dated February 15, 2008. Both work plans were conditionally approved by ACEHD in a letter dated October 23, 2008.

In January 2009, GCI advanced eight on- and off-site soil borings (SV-1 through SV-8) and collected grab groundwater samples. In immediately adjacent boreholes, GCI installed temporary dual-completion soil vapor sampling points (at depths of approximately 5.0 to 6.0 feet bgs and approximately 12.0 to 14.0 feet bgs). The shallow points were installed within clayey soil, while the deeper points were placed across a 1-foot thick sandy unit identified during continuous core of the adjacent borings. Analytical results of the soil vapor samples were compared to the Regional Water Quality Control Board, San Francisco's (RWQCB-SF) Environmental Screening Levels (ESLs) established for commercial land use (for the onsite auto repair business) and residential land use (for the predominant off-site land use) for GRO, BTEX, and methyl tertiary butyl ether (MTBE). Analytical results of samples collected at the 5-foot depths did not exceed the onsite commercial or off-site residential ESLs, with the exception of SV-8 (which exceeded the residential ESL for GRO) and SV-2 (which exceeded the residential ESL for benzene). Based on the results of the soil vapor sampling, GCI concluded that significant vertical attenuation is occurring and that results indicate that vapor intrusion concerns are unlikely based on commercial onsite and residential off-site uses.

In February and March 2009, GCI conducted the approved 5-day DPE remediation feasibility test at the Site. DPE testing was performed using onsite wells MW-1, MW-2, MW-3, and MW-4, both individually and as a group, while using outlying wells MW-5, MW-6, and MW-8 to check for vacuum influences. GCI's *DPE/AS Feasibility Report*, dated March 31, 2009, stated that the DPE testing generally failed (too much water and not enough vapor flow) and concluded that only horizontal DPE wells would be appropriate (AS was never attempted). In response to this report, ACEHD issued a letter dated October 27, 2009, requesting a work plan for installation of DPE wells (and several additional items). GCI submitted a *Work Plan for Additional Investigation*, dated January 15, 2010, in which they partially addressed ACEHD's issues outlined in the October 2009 letter; ACEHD never formally reviewed the document, and shortly thereafter Stratus assumed consulting responsibilities for the Site.

On July 22, 2010, a meeting was held between ACEHD and Stratus to review the current status of the project, to discuss the October 2009 ACEHD letter and GCI January 2010 response/work plan, and to discuss steps to immediately begin remediation efforts at the site. During this meeting, it was agreed that a Site Conceptual Model (SCM)/Interim Remedial Action Plan (IRAP) would be prepared and would include a comprehensive data tabulation of all historic work performed at the Site, would identify data gaps that require additional work, would propose any additional onsite wells/borings needed to complete onsite lateral and vertical soil assessment, and would include a proposal to excavate impacted soil at the former UST area as a preliminary remedial step before the initiation of DPE remediation. This approach was agreed upon by ACEHD, and was meant to expedite ACEHD's review time on the SCM/IRAP.

On January 25, 2011, Stratus oversaw the destruction of two groundwater monitoring wells (MW-1 and MW-4), which were located within the limits of the proposed excavation. During the same drilling mobilization, Stratus directed the advancement of soil borings B-4 and B-5, to a depth of approximately 32 feet bgs. These borings were performed in order to assess subsurface conditions near a former fuel dispenser and waste oil UST. Between May 17 and June 17, 2011, Stratus oversaw the excavation of approximately 788 tons of soil from the former Site UST area. The excavation extended to a maximum depth of about 12 feet below surface grade. After removing this soil, clean backfill material was placed within the excavation cavity. In November 2011, offsite well MW-6 was destroyed due to casing damage related to pavement subsidence and vehicle traffic. It was not deemed necessary to replace the well.

On December 6, 2012, Stratus prepared and submitted a draft FS/CAP for the Site. The document evaluated the technical viability and cost of three potential remedial alternatives (OI, groundwater extraction and treatment, and application of RegenesisTM products by direct push borings). Based on this comparison, OI was recommended as the

preferred alternative. This recommendation assumed that MNA would not allow the Site to be managed to closure in a reasonable period of time.

In 2014, an additional site investigation was performed, which consisted of installing monitoring well MW-15, installing five soil vapor sampling probes (VP-1, VP-2, VP-7, VP-8, and VP-9), advanced an onsite shallow soil boring (B-6), and advanced two offsite soil borings (HP-1 and HP-2). A report documenting the findings of this work was prepared and submitted on December 15, 2014.

In 2015, information regarding water wells near the Site was re-reviewed by Stratus personnel. Reports were prepared and submitted in January and March 2015 to summarize the findings of a Department of Water Resources (DWR) well record review, and a door-to-door field reconnaissance for water wells.

In September 2016, ten injection wells (IW-1 through IW-10) were installed at the subject property, to enable completion of the pilot testing activities described in this report. Table 1 presents a summary of information pertaining to soil borings and wells installed at the Site to date.

GEOLOGY

The Site lies on the East Bay Plain approximately one mile west of the Oakland/San Leandro Hills and the northwest-trending Hayward Fault, and approximately three miles east of the San Francisco Bay. The Site is at an elevation of approximately 50 feet above mean seal level (msl) with local topography predominately flat and sloping gently towards the west.

Local subsurface soil stratigraphy has been investigated by the drilling of approximately 50 vertical soil borings at the Site and immediately surrounding area on behalf of Mr. Lee, which have been logged by an array of different geologists over the past 15+ years. Most of the historic borings were logged on 5-foot intervals, although the eight soil borings drilled in 2009 (SV-1 through SV-8) and the newly-installed injection wells IW-1 through IW-10 were continuously cored. According to available geologic boring logs related to the Site, subsurface soils have been logged to a maximum depth of approximately 45 feet bgs. An updated geologic cross-section is included as Figure 4.

From the surface to approximately 25 feet bgs, the soil generally consists of fine-grained materials (clay and sandy clay). Beneath the upper fine-grained material, from approximately 25 to 35 feet bgs (ranging from 3 to 13 feet in apparent thickness), a sandy unit of apparent higher permeability is present (clayey and silty sands with some clean

sands). It is within this sandy layer that groundwater is first encountered. In general, the sandy water-bearing unit appears to thicken and coarsen to the west and northwest of the Site (offsite, downgradient). Notably, the sandy layer appears to be thin (to absent) in the center of the Site property itself (B-1, B-2, B-3, MW-1, and ETM-7) and to the northeast of the Site across 14th Avenue (ETM-10, ETM-11). Beneath the sandy water-bearing unit, additional fine-grained soils have been encountered (clays). In both the upper and lower clayey layers, thin (1 to 4 feet in apparent thickness), discontinuous, sandy layers are reportedly interbedded. Notably, within the thick upper section of vadose zone clays, an approximate 1-foot thick sand, clay with sand, clayey gravel. or gravelly clay was encountered between 11 and 14 feet bgs (targeted in deep soil gas sample locations).

HYDROGEOLOGY

A total of fifteen permanent groundwater monitoring wells (MW-1 through MW-6, MW-8 through MW-15, and MW-1A) have been screened to depths of between 20 and 40 feet bgs to monitor groundwater occurrence and quality in the first encountered water-bearing zone. The monitoring well array has included five onsite wells, and nine offsite wells spanning the city block west-northwest of the Site, from Garcia Avenue to West Broadmoor Boulevard (wells MW-1, MW-4, and MW-6 were destroyed in 2011). Historically, groundwater in the monitoring well array has been measured as shallow as 15.05 feet bgs to as deep as 30.25 feet bgs, with a historical average of about 25 feet bgs. Seasonal fluctuations in water table levels on the order of 5 to 10 feet are typical. Lowest groundwater levels were observed in the early 1990's. Groundwater elevations during the spring of 2017 were near historical high levels. Historical depth to groundwater measurements are summarized on Table 2.

Historically, the dominant groundwater flow in the vicinity of the Site has been generally west and west-northwest at an average gradient of approximately 0.002 foot per foot (ft/ft). However, onsite groundwater flow is variable, with a consistent secondary gradient to the southwest in the direction of well MW-2 from wells MW-1, MW-3, and MW-4.

EXTENT OF IMPACT TO SOIL

TPHg/GRO and BTEX compounds are identified as the primary chemicals of concern (COCs) at the Site. One of the USTs formerly used at the Site stored leaded gasoline (550-gallon capacity) and, when removed, was noted to have holes and corrosion (tank no. 3). Lead, although reported in some soil samples collected at the Site, is generally not mobile in groundwater at the pH levels found at the Site, and is therefore not identified as a COC at this time.

Prior to excavation, petroleum hydrocarbon impact to the zone above 15 feet bgs was limited to areas within approximately 5 to 10 feet of the USTs and fuel delivery/storage equipment in the northern portion of the Site. Excavation work appears to have removed nearly all of these fuel contaminants from the subsurface, and thus data regarding former petroleum hydrocarbon impact to the upper 15 feet bgs is not discussed further in this report.

Seasonal groundwater fluctuations in the area of the Site indicate that the water table surface fluctuates between the two main lithologic zones; i.e., the upper fine-grained layer, and the mostly continuous sandy layer beneath it. Impacted groundwater present within the fine-grained sediments (whether fully saturated or capillary fringe) has likely resulted in adsorption/re-adsorption of hydrocarbons to clayey soils, resulting in a 'smearing' of the soil impact within the bottom 5 to 7 feet of the upper fine-grained unit. This 'smear-zone' is apparent in data collected from borings MW-1, MW-2, MW-3, MW-8, MW-10, MW-15, CE-1, CE-2, B-1, ETM-1, ETM-2, ETM-7, and IW-5 through IW-9. Soil from these borings was tested, either in the field using handheld photo/flame ionization detectors or through laboratory analysis, and hydrocarbon impact was not detected until just above groundwater.

In general, the highest concentrations of petroleum hydrocarbons in soil appear to be present between approximately 25 and 35 feet bgs, which is the area approximately 5 feet above and below the historical low groundwater level observed in the monitoring well network. Historical data indicates that elevated concentrations of petroleum hydrocarbons in soil were detected in the northern portion of the Site, near the former UST and fuel dispenser area, with relatively minimal offsite impact to soil. An exception to this is the area near well boring MW-2, which is located approximately 50 to 70 feet southwest of the former USTs, and indicated the presence of GRO and benzene at maximum levels of 6,300 milligrams per kilogram (mg/Kg) and 110 mg/Kg, respectively. It should be noted that most of the on-site soil samples used to assess the concentrations and locations of fuel contaminants in soil were collected during the 1990's, and since most of the petroleum hydrocarbon mass appears to be situated in the upper portion of the saturated interval, some re-distribution of contaminants in soil is likely to have occurred. Given this condition, the ability to precisely illustrate the current distribution of fuel contaminants in soil within the 'smear zone' is limited. However, based on our understanding of site geological conditions and more recent data available for the Site, we believe that most of the petroleum hydrocarbon mass remains in soil within the smear zone in the northern portion of the Site. GRO and benzene concentrations in the smear zone are illustrated in Figure 5.

During the 1994/1995 assessments, soil samples from borings MW-2, MW-3, MW-4, CE-1, and CE-2 were analyzed for total lead. Sixteen of eighteen samples collected had total lead concentrations ranging from 4.0 to 7.9 mg/Kg. Assuming this concentration can be considered a background measurement of the naturally-occurring levels of lead in soil

beneath the Site, the concentrations of 23.5 and 12.4 mg/Kg detected in boring CE-2 at 5 feet and 20 feet, respectively, may be indicative of impact from leaded gasoline.

In a 2014 site investigation, relatively high concentrations of fuel contaminants were detected in samples collected beneath the base of the excavation cavity (about 20 feet bgs) and 30 feet bgs at boring MW-15. Maximum GRO, benzene, and naphthalene concentrations were reported at 3,200 mg/Kg, 3.2 mg/Kg, and 78 mg/Kg, respectively. Naphthalene was not detected in any of the shallow soil samples (testing required by Low Threat Closure Policy criteria). Low levels of GRO were detected in samples collected from boring HP-2 (6.7 and 4.6 mg/Kg at 30 feet and 33 feet bgs, respectively); all other analytes were reported below laboratory instrument detection limits in the HP-1 and HP-2 soil samples.

Naphthalene was also not detected in soil samples above 10 feet bgs collected during the drilling of the ozone injection wells in September 2016. Relatively high concentrations of petroleum hydrocarbons (most notably GRO, ethylbenzene, and xylenes) were detected in samples collected between approximately 25 and 30 feet bgs from borings IW-5 through IW-9.

EXTENT OF IMPACT TO GROUNDWATER

A total of fifteen permanent groundwater monitoring wells (MW-1 through MW-6, MW-8 through MW-15, and MW-1A) have been installed and sampled to evaluate the lateral extent of impact to the first encountered water-bearing zone beneath the Site and site vicinity, although three of the wells (MW-1, MW-4, and MW-6) have now been destroyed. A routine quarterly groundwater monitoring and sampling program was initiated at the Site during the third quarter 1995. GRO and benzene concentrations detected in groundwater at the Site, based on recent well sampling events conducted during the second quarter 2016, fourth quarter 2016, first quarter 2017, and second quarter 2017, are provided on Figures 6 through 13.

Historically, GRO and BTEX impact has been reported in all existing monitoring wells installed at the Site to monitor the lateral extent of impact, with the exception of the 141 Farrelly Drive irrigation well. In the mid-1990s, when groundwater monitoring and sampling was first initiated, GRO and BTEX levels were high in samples collected from on-site monitoring wells MW-1, MW-2, and MW-3. Maximum GRO and benzene concentrations of 1,100,000 micrograms per liter (μ g/L) and 29,000 μ g/L, respectively, were reported in samples collected from well MW-1 in 1995/1996. Over the approximately 20-year routine monitoring/sampling period, GRO and benzene

concentrations have decreased in all wells (see Figures 6 through 13 for recent concentrations). Table 2 presents a summary of historical groundwater analytical data collected from the monitoring well network.

Stratus has prepared figures that illustrate the approximate limits of the GRO and benzene contaminant plumes over time, using data collected during 2000, 2006, and 2010; these figures are presented in Appendix A. The figures illustrate that the orientation of the contaminant plumes in the northwest direction (downgradient and towards the 141 Farrelly Drive well) has remained relatively consistent over time. The figures show that by approximately 2006, the GRO and benzene contaminant plumes appear to have impacted the largest area of the subsurface, including the areas near wells MW-11 and MW-13. Since 2006, the lateral margins of the contaminant plumes appear to have shrunk, as recent samples from wells MW-11 and MW-13 are absent of petroleum hydrocarbons.

Although the area of impacted groundwater appears to have decreased over time, petroleum hydrocarbons (in particular GRO) impact a relatively large area of the subsurface. The GRO plume is over 500 feet in length, and impacts the furthest downgradient monitoring wells from the Site (MW-12 and MW-1A). Benzene impact to groundwater during the site monitoring period has decreased significantly, as evidenced by both declines in concentrations and the lateral area of impact over time. Given the available data, benzene appears to be attenuating more quickly than GRO.

PILOT TEST

The purpose of the pilot test was to evaluate the potential use of OI as a full-time remedial option for mitigation of petroleum hydrocarbon impact to shallow groundwater. Ozone was injected into the saturated zone using 10 injection wells (IW-1 through IW-10) that were situated within an area of the Site where petroleum hydrocarbon impact to groundwater was previously documented. Select groundwater monitoring wells, situated in relative close proximity to the two injection wells, were used to evaluate changes in contaminant concentrations and groundwater geochemistry resulting from implementation of pilot testing. Details regarding the OI system equipment, pilot test procedures, the groundwater monitoring and sampling plan and analytical methods used during the testing, and the results of the pilot test, are presented in the following sub-sections of this document.

Equipment

Prior to mobilizing the remediation system to the Site, Stratus installed above-ground conveyance piping to the well heads of IW-1 through IW-10. TeflonTM tubing (¼-inch diameter) was subsequently connected to the injection wells through the conveyance piping

to allow for delivery of air and ozone to the injection wells, as appropriate. The conveyance piping and tubing was covered with protective speed bumps to prevent damage during the pilot testing.

An H₂O Engineering, Inc. ozone and hydrogen peroxide injection system (model MOSU20-52LINJ) was used to perform the pilot test. The system consists of a self-contained cabinet housing an oxygen concentrator, ozone generation system, compressors to inject air and ozone, and associated instrumentation. The ozone generation system is capable of generating up to 2.74 pounds per day (lbs/day) at a concentration of 6% by weight of ozone, which can be injected at flow rates of 24 standard cubic feet per hour (scfh). The system also incorporates a booster compressor rated at approximately 180 scfh (3 cubic feet per minute [cfm]) to deliver air enriched with ozone to the injection wells.

Pilot Test Observation Well Network

Four wells (MW-2, MW-3, MW-9, and MW-15) were used for monitoring/observation of groundwater during the pilot test. These wells were selected for use in the pilot test based on their proximity to the injection wells and their positions within the groundwater contaminant plume. Changes in contaminant levels and groundwater quality parameters resulting from the injection of ozone was used, in part, to evaluate the performance of the OI remedial approach and applicability of this technology for possible full-scale implementation at the Site.

Pilot Test - System Operation

The pilot test was completed between November 8, 2016 and April 4, 2017. During the entire pilot test, the remediation system was programmed to inject ozone cyclically into wells IW-1 through IW-10 for 30-minutes per well, thus completing a 300-minute cycle. The remediation system operated continuously for approximately 147 days, with no shut downs between the start-up day and test termination day. In general, two site visits per month were conducted to verify operation of the system, and collect monitoring data described below.

Field Monitoring and Groundwater Sampling

Groundwater monitoring and sampling performed in May 2016 (second quarter 2016) is intended as a baseline event for the pilot test. Subsequent groundwater monitoring and sampling events were conducted during the fourth quarter 2016, first quarter 2017, and second quarter 2017, with the second quarter 2017 data intended as a post-pilot test sampling event.

During each operation/maintenance visit, and also during each well sampling event, Stratus technicians verified operation of the remediation system and collected field parameters including depth to water, pH, temperature, dissolved oxygen (DO), oxidation-reduction potential (ORP), and specific conductivity measurements from the groundwater monitoring wells, as appropriate. Field data sheets documenting measurements collected during the site visits are provided in Appendix B. Table 3 summarizes field parameter measurements collected during select site visits.

Laboratory Analytical Methods

Groundwater samples were forwarded, with appropriate chain-of-custody documentation, to Alpha Analytical, Inc., a California state-certified laboratory (ELAP #2019), for chemical analysis. The groundwater samples (collected between November 2016 and May 2017) were analyzed for GRO using USEPA Method 8015, for BTEX compounds, and MTBE using USEPA Method 8260. Samples collected from wells MW-2, MW-3, MW-9, and MW-15 were additionally analyzed (by California Laboratory Services [ELAP #1233], a subcontractor of Alpha Analytical, Inc.) for hexavalent chromium using EPA Method 218.6

Certified laboratory analytical results have been presented quarterly in reports already issued for the Site. In order to make this report more concise and avoid presenting duplicate information, the laboratory reports have not been included in this report. Instead, analytical results (for petroleum hydrocarbons) may be referenced in Table 4.

FINDINGS

As stated earlier, the ozone injection pilot test was initiated on November 8, 2016. On this date, groundwater samples were also collected, and GRO concentrations were detected at 17,000 μ g/L (MW-2), 290 μ g/L (MW-3), 5,300 μ g/L (MW-9), and 26,000 μ g/L (MW-15). After this date, GRO concentrations declined in three of the four monitoring wells used for sampling during the pilot test. The maximum reduction in GRO concentrations was observed at MW-2, where GRO concentrations declined to 1,230 μ g/L by May 2017. At well MW-9, benzene concentrations declined from 26 μ g/L in November 2016 to 8.5 μ g/L in May 2017, and at well MW-15, benzene concentrations declined from 120 μ g/L in November 2016 to 61.9 μ g/L in May 2017. Petroleum hydrocarbon concentrations declined at well MW-3 during the pilot test, and then increased in May 2017 following discontinuation of OI.

Hexavalent chromium was not detected in any of the samples, and thus application of ozone does not appear to have resulted in generation of this unwanted by-product of remediation.

September 14, 2017 Project No. 2076-0301-01

Beginning in November 2016, DO concentrations increased in wells MW-2 (0.40 to 1.70 mg/L), MW-3 (0.89 to 2.90 mg/L) and MW-9 (0.61 to 2.60 mg/L). DO concentrations were relatively stable at MW-15 through the test. During the test, the ORP measurements in the observation wells indicated that the groundwater started in a reducing environment with ORP measurements ranging from -4.2 millivolts (mV) to -49.0 mV at the baseline and became oxidizing in all five wells in December 2016, with ORP ranging from 16.8 mV to 2.7 mV. By the final measurement in March 2017, the ORP indicated that the groundwater had become reducing once again in all five wells at -10.0 mV to -26.9 mV.

It should be noted that due to heavy rainfall during the winter and spring of 2016/2017, groundwater levels increased approximately 10 feet between November 2016 and March 2017 (see Tables 2 and 3). The effects of changes in water level on the findings of the test are unknown.

DISCUSSION AND RECOMMENDATIONS

In general, implementation of OI appears to have resulted in a decline in petroleum hydrocarbon concentrations beneath the property. DO concentrations generally increased during the test, and increases in DO in groundwater should enhance in-situ destruction of contaminants over time (supplementing direct chemical oxidation of contaminants).

Given these findings, Stratus recommends that OI be implemented onsite. OI could potentially be useful offsite; however, prior to recommending this course of action, Stratus recommends a meeting with ACEHD after a review of this report.

LIMITATIONS

This document was prepared in general accordance with accepted standards of care that existed at the time this work was performed. No other warranty, expressed or implied, is made. Conclusions and recommendations are based on field observations and data obtained from this work and previous investigations. It should be recognized that definition and evaluation of geologic conditions is a difficult and somewhat inexact science. Judgments leading to conclusions and recommendations are generally made with an incomplete knowledge of the subsurface conditions present. More extensive studies may be performed to reduce uncertainties. This document is solely for the use and information of our client unless otherwise noted.

If you have any questions or comments concerning this *Report*, please contact Gowri Kowtha at (530) 676-6001.

Sincerely,

STRATUS ENVIRONMENTAL, INC.

Scott G. Bittinger, P. Project Geologist

7477

Gowri S. Kowtha, P.E. Principal Engineer

Attachments:

Table 1	Well Construction and Soil Boring Summary
Table 2	Groundwater Elevation and Analytical Summary
Table 3	Ozone Injection System – Summary of Field Data
Table 4	Ozone Injection System – Summary of Groundwater Analytical
	Data (Fuel Contaminants)
Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Site Vicinity Map
Figure 4	Geologic Cross-Section A-A'
Figure 5	"Smear-Zone" Soil Analytical Map
Figure 6	GRO Iso-Concentration Contour Map, Second Quarter 2016
Figure 7	Benzene Iso-Concentration Contour Map, Second Quarter 2016
Figure 8	GRO Iso-Concentration Contour Map, Fourth Quarter 2016
Figure 9	Benzene Iso-Concentration Contour Map, Fourth Quarter 2016
Figure 10	GRO Iso-Concentration Contour Map, First Quarter 2017
Figure 11	Benzene Iso-Concentration Contour Map, First Quarter 2017
Figure 12	GRO Iso-Concentration Contour Map, Second Quarter 2017
Figure 13	Benzene Iso-Concentration Contour Map, Second Quarter 2017
Appendix A	Annual Average GRO and Benzene in Groundwater Iso-
	Concentration Contour Maps, 2000, 2006, 2010
Appendix B	Field Data Sheets

cc: Mr. Seung Lee, German Autocraft

TABLE 1
WELL CONSTRUCTION AND SOIL BORING SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Boring/Well I.D.	Date	Boring Depth (sees ogs)	Boring Diameter (incnes)	Well Diameter (incnes)	Well Depth (reet)	Screen Interval (reet ogs)	Slot Size (incnes)	Drilling Method	Consultant
Groundwater M	fonitoring W	Vells							
MW-1*	12/17/91	45	8	2	45	25-45	0.02	HSA	Environmental Const. Co
MW-2	12/12/94	38	8	2	34	24-34	0.010	HSA	Chemist Enterprises
MW-3	12/12/94	38	8	2	35.5	25.5-35.5	0.010	HSA	Chemist Enterprises
MW-4*	08/31/95	36.5	8	2	34	24-34	0.010	HSA	Chemist Enterprises
MW-1A	05/21/97	35	8	2	35	20-35	0.010	HSA	ALLCAL Prop. Serv. Inc
MW-5	08/28/98	31.5	8	2	30	20-30	0.020	HSA	Env. Testing & Mgmt.
MW-6**	08/27/98	36.5	8	2	35	20-35	0.020	HSA	Env. Testing & Mgmt.
MW-8	08/27/98	31.5	8	2	30	20-30	0.020	HSA	Env. Testing & Mgmt.
MW-9	08/31/98	36.5	8	2	35	20-35	0.020	HSA	Env. Testing & Mgmt.
MW-10	08/28/98	41.5	8	2	40	20-40	0.020	HSA	Env. Testing & Mgmt.
MW-11	08/28/98	36.5	8	2	35	20-35	0.020	HSA	Env. Testing & Mgmt.
MW-12	01/30/01	39.5	8	2	38	23-38	0.020	HSA	Env. Testing & Mgmt.
MW-13	01/30/01	39.5	8	2	38	23-38	0.020	HSA	Env. Testing & Mgmt.
MW-14	01/31/01	31.5	8	2	30	20-30	0.020	HSA	
MW-15	09/25/14	35	8	2	35	20-35	0.020	HSA	Env. Testing & Mgmt.
141 Farrelly	1949			6	65	25-65	unknown	unknown	Stratus Environmental, In
Soil Borings 1									
B-1	12/11/90	35	8					HSA	Environmental Const. Co
B-2	12/10/90	35	8					HSA	Environmental Const. Co
B-3	12/10/90	35	8					HSA	Environmental Const. Co
CE-1	12/13/94	30	8					HSA	Chemist Enterprises
CE-2	12/13/94	24.5	8					HSA	Chemist Enterprises Chemist Enterprises
ETM-1	11/28/95	37	1					Geoprobe	Env. Testing & Mgmt.
ETM-2	11/28/95	30	1					Geoprobe	Env. Testing & Mgmt.
ETM-5	29/95	27	1					Geoprobe	Env. Testing & Mgmt.
ETM-6	11/29/95	29	1					Geoprobe	Env. Testing & Mgmt.
ETM-6	11/29/95	28	1					Geoprobe	Env. Testing & Mgmt.
ETM-10	11/30/95	27.3	1.5					Pneumatic	Env. Testing & Mgmt.
ETM-11	11/30/95	27.3	1.5					Pneumatic	Env. Testing & Mgmt. Env. Testing & Mgmt.
ETM-17	03/25/96	30	1.5					Pneumatic	Env. Testing & Mgmt.
ETM-19	03/25/96	30	1.5					Pneumatic	
ETM-21	03/26/96	24.5	1.5					Pneumatic	Env. Testing & Mgmt.
ETM-22	03/26/96	24.5	1.5					Pneumatic Pneumatic	Env. Testing & Mgmt. Env. Testing & Mgmt.
								1 neullianc	Eliv. Testing & Mgmt.

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

Boring/Well I.D.	Date	Boring Depth (reet ogs)	Boring Diameter (incnes)	Well Diameter (incnes)	Well Depth (reer)	Screen Interval (1eet ogs)	Slot Size (incnes)	Drilling Method	Consultant
Soil Borings 1									
B-4	01/24/11	32	1.5					Geoprobe	Stratus Environmental, Inc.
B-5	01/24/11	32	1.5				~~	Geoprobe	Stratus Environmental, Inc.
B-6	10/23/14	6	3					Hand Auger	Stratus Environmental, Inc.
HP-1	09/26/14	38	2.5			440		Geoprobe	Stratus Environmental, Inc
HP-2	09/26/14	35	2.5					Geoprobe	Stratus Environmental, Inc.
Soil Vapor Poir	ıts								
SV-1	01/06/09	30	2	0.25	6.0 13.5	5.5-6.0 13.0-13.5		Stratoprobe	Groundwater Cleaners, Inc.
SV-2	01/06/09	30	2	0.25	6.0 13.0	5.5-6.0 12.5-13.0		Stratoprobe	Groundwater Cleaners, Inc.
SV-3	01/08/09	30	2	0.25	5.5 13.5	5.0-5.5 13.0-13.5		Stratoprobe	Groundwater Cleaners, Inc.
SV-4	01/08/09	14.5	2	0.25	5.25	4.75-5.25		Stratoprobe	Groundwater Cleaners, Inc.
SV-5	01/07/09	24	2	0.25	14.5 5.25 14.0	14.0-14.5 4.75-5.25 13.5-14.0	 	Stratoprobe	Groundwater Cleaners, Inc.
SV-6	01/07/09	35	2	0.25	5.5 12.0	5.0-5.5 11.5-12.0		Stratoprobe	Groundwater Cleaners, Inc.
SV-7	01/06/08	30	2	0.25	6.0 13.0	5.5-6.0 12.5-13.0		Stratoprobe	Groundwater Cleaners, Inc.
SV-8	01/08/09	14	2	0.25	5.25 14.0	4.75-5.25 13.5-14.0		Stratoprobe	Groundwater Cleaners, Inc.
VP-1	09/25/14	6	2	0.25	6.0	5.5		Geoprobe	Stratus Environmental, Inc.
VP-2	09/25/14	6	2	0.25	6.0	5.5		Geoprobe	Stratus Environmental, Inc.
VP-7	09/25/14	6	2	0.25	6.0	5.5		Geoprobe	Stratus Environmental, Inc.
VP-8	09/25/14	6	2	0.25	6.0	5.5		Geoprobe	Stratus Environmental, Inc.
VP-9	09/25/14	6	2	0.25	6.0	5.5		Geoprobe	Stratus Environmental, Inc.

TABLE 1
WELL CONSTRUCTION AND SOIL BORING SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Boring/Well I.D.	Date	Boring Depth	Boring Diameter	Well Diameter	Well Depth	Screen Interval	Slot Size	Drilling Method	Consultant
		(feet bgs)	(inches)	(inches)	(feet)	(feet bgs)	(inches)		
Ozone Injection	n Wells								
IW-1	09/29/16	34	8	1	34	32-34	microporous	HSA	Stratus Environmental, Inc.
IW-2	09/27/16	35	8	1	35	33-35	microporous	HSA	Stratus Environmental, Inc.
IW-3	09/29/16	35	8	1	35	33-35	microporous	HSA	Stratus Environmental, Inc.
IW-4	09/27/16	33	8	1	33	31-33	microporous	HSA	Stratus Environmental, Inc.
IW-5	09/27/16	35	8	1	35	31-33	microporous	HSA	Stratus Environmental, Inc.
IW-6	09/26/16	33	8	1	33	31-33	microporous	HSA	Stratus Environmental, Inc.
IW-7	09/26/16	34	8	1	34	32-34	microporous	HSA	Stratus Environmental, Inc.
IW-8	09/27/16	35	8	1	35	33-35	microporous	HSA	Stratus Environmental, Inc.
IW-9	09/27/16	35	8	1	35	33-35	microporous	HSA	Stratus Environmental, Inc.
IW-10	09/29/16	35	8	1	35	33-35	microporous	HSA	Stratus Environmental, Inc.

Notes:

ft bgs = feet below ground surface

HSA = hollow stem auger

^{* =} monitoring wells properly destroyed on January 25, 2011

^{** =} monitoring well properly destroyed on November 21, 2011

¹ = soil borings without existing boring logs and/or construction details have been omitted.

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (μg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)	TBA (μg/L)	DIPE (μg/L)	ETBE (μg/L)	TAME (μg/L)	1,2-DCA (μg/L)	EDB (µg/L)	Hexavalent Chromium (μg/L)	Lead (Pb) (µg/L)
MW-1	12/21/90	-	30.25		49.61	19.15		-				-		1 4 5 1					×		
	12/31/90			-	49.61			51,000	2,200	1,200	<0.5	760	_	-					-		
	01/06/95				49.61			110,000	13,000	15,000	4,800	13,000	_	(**)			-	-			
	01/06/95			**	49.61			580,000	29,000	41,000	17,000	43,000					77				
	02/10/95		20.02		49.61	29.59						45,000	1695	:##		-					
	07/07/95		22.77		49.40	26.63		49,000	8,000	17,000	1,900	9,700	1.00				1000				
	08/10/95	-	23,82		49.40	25.58		**						77					***		
	09/11/95		24.72		49.40	24.68		200	(CII)	-						-	-				
	10/02/95		25.28		49.40	24.12		120,000	16,000	36,000	3,300	17.000		***			-		22		
	10/02/95				49.40			160,000	20,000	47,000	5,000	17,000					122		**		
	11/07/95		26.04		49.40	23.36						23,000		***			-				
	12/08/95		18.77		49.40	22.77		**	223 243				-				-		**		
	01/12/96		25.05		49.40	24.35		1,100,000	11,000	10.000	15.000	 #1.000		***		1946					
	01/12/96				49.40			98,000	2,100	18,000	15,000	51,000	18,000 [2]					-		940	
	02/12/96		20,36		49.40	29.04		20,000		4,600	2,500	10,000	<5,000	**				**		77.0	
	03/12/96		17.65		49.40	31.75			550	-		-						**		440	
	04/13/96		19.97		49.40	29.43		53,000	1 200									42		-	
	04/13/96	-			49.40	29.43			1,300	2,900	2,100	10,000	<5,000					***		100	
	05/14/96		21.51		49.40	27.89		58,000	820	3,600	2,800	12,000	<5,000	**				144			
	06/20/96		22.21		49.40	27.19		3770	***	-		-	**					**		-	
	07/26/96		23.45		49.40	25.95		01.000				137	127					700			
	07/26/96			20	49.40			91,000	2,600	7,200	2,900	14,000	<5,000	-		-				12-	
	08/19/96		24.24		49.40	25.16		67,000	2,300	5,500	2,500	11,000	<5,000	**				-			
	09/17/96		24.96	-		25.16		€ 10	***									200		1.77	
	10/21/96		25,77		49.40	24.44		2.64						***			-	122		-	
	10/21/96		23.71		49.40	23.63		210,000	4,800	17,000	2,300	15,000						44		0.000	
	11/27/96		25.12		49.40			210,000	5,400	18,000	2,600	11,000						222	_		
	12/27/96				49.40	24.28		0.00											122		
	01/28/97		21.17		49.40	28.23		144	44				***		-						
	01/28/97		16.38		49.40	33.02		120,000	5,600	15,000	2,100	11,000									
	04/25/97		22.26		49.40			130,000	5,500	15,000	2,300	12,000					220		-		
	04/25/97		22.26		49.40	27.14		180,000	6,900	20,000	2,600	13,000					-	_	955		
	07/17/97		24.05		49.40			170,000	6,500	20,000	2,500	13,000				_	25/	-			
	10/21/97		24.85		49.40	24.55		220,000	8,300	41,000	2,700	16,000				_			100		
	03/10/98		26.55	~~	49.40	22.85		240,000	9,400	33,000	3,300	22,000							***		
	06/06/98		15.05		49.40	34.35		120,000	11,000	46,000	3,700	21,000	_					55	-		
	09/30/98		18.71		49.40	30.69		110,000	7,600	32,000	4,800	23,000	-					(200)			
	12/30/98		23.45		49.40	25.95		140,000	5,800	29,000	3,500	18,000				_			-	-	
	12/30/98		24.27		49.40	25.13		78,000	5,200	24,000	3,200	19,000					-	***			

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (μg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)	TBA (μg/L)				1,2-DCA (μg/L)		Hexavalent Chromium (μg/L)	Lead (Pb) (µg/L)
MW-1	03/13/99		19.42		49.40	29.98								-			122				
(cont)	03/23/99				49.40			250,000	8,000	43,000	5,200	27,000					-		-	2005	
	09/29/99		25.01		49.40	24.39		140,000	6,100	35,000	5,400	27,000					-				
	12/29/99		25.65		49.40	23.75			-								-	_		#E1	
	03/18/00		17.48		49.40	31.92		120,000	5,100	33,000	4,600	24,000					-		_		
	07/18/00		23.19		49.40	26.21				100							1 8061		des		
	09/26/00		24.39		49.40	25.01		-		-		-					1001				
	12/28/00		24.77		49.40	24.63		**	***	-	722	-			_				77.		
	03/20/01			544	49.40			100,000	3,600	41,000	4,700	25,000	<1,250								
	03/30/01		21.93		49.40	27.47		940	921			,	-1,200	-				100			
	10/05/01		25.58		49.40	23.82		552	**:				142	1555							
	03/28/02		20.74		49.40	28.66		100,000	2,800	24,000	5,400	28,900				-			**		
	03/31/03		22.72		49.40	26.68		100,000	2,200	19,000	4,900	21,000		000			**				
	06/19/03		23.17		49.40	26.23			-,			21,000				100	***		***		
	09/30/03		25.35		49.40	24.05		PP 1				122	190	***		344					
	02/10/04		22.44		49.40	26.96		40						-							
	03/31/04				49.40			100,000	2,100	21,000	6,200	36,000	-	44							
	06/ 30/04	_	24.67		49.40	24,73			2,100	21,000	0,200						55				
	09/14/04		27.89		49.40	21.51		160,000	1,800	16,000	5,500	30,000									
	03/29/06		18.84		49.40	30.56		69,000	1,400	16,000	4,900			-			-				
	06/24/06		20.57		49.40	28,83				10,000		28,000							***		
	09/30/06	-	23.53		49.40	25.87		120,000	1,400	13,000	5,200	20.000			-			-		***	-
	12/11/06		22.78		49.40	26,29		120,000	1,400	13,000		29,000	<500		-			**			
	03/16/07				49.40			1221	560		366	***						35		(44)	
	06/10/07		24.36		49.40	25.04												-		1221	
	09/14/07		25.92		49.40	23.48		92,000	1,000	9,400	4 700				-		777		-	***	
	12/14/07		26.22		49,40	23.18		92,000	1,000	9,400	4,300	23,000	<250		-		***				
	03/12/08		22.4		49.40	27.00		-	100		-		-				77.		0.000		
	06/11/08		24.97		49.40	24.43			-								46		-		
	09/05/08		26,44		49.40	22.96		110.000	1.000	11.000	4.000								1.00		
	12/13/08		27.16		49.40	22.24		110,000	1,000	11,000	4,200	21,000	<250			••					
	03/14/09		21.82		49.40	27.58		110.000	1.000			-	**	-					199		
	12/07/09		26.42		49.40	22,98	-	110,000	1,000	14,000	3,700	21,000	<1,000						~	-	
	03/15/10		21.21		49.40	28.19		49,000	540	5,500	2,000	9,400	<100					-		594	-
	09/13/10		25.25				-						-								
	03/01/11		لانكة لانتق		49.40	24.15		75,000	670	9,400 Well De	3,700 stroyed	19,000	<50[5]				-	<100[5]	<200[5]		89

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (µg/L)	Benzene (μg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)	TBA (μg/L)				1,2-DCA (μg/L)		Hexavalent Chromium (μg/L)	Lead (Pb) (μg/L)
MW-2	01/06/95							980,000	9,400	5,600	19,000	42,000			-			-			
	02/10/95		20.52		50.14	29.62		-	844	247							***		577		
	07/07/95		23.55		50,02	26.47		71,000	5,300	1,800	6,100	9,000				-	223				
	08/10/95		24.62		50.02	25.40		199								***			-	180	
	09/11/95		25.53		50.02	24.49		677					(44)							-	
	10/02/95		26.08		50.02	23.94		40,000	2,900	200	2,800	3,600							100	-	
	11/07/95		26.89		50.02	23.13		355	175												
	12/08/95		27.47		50.02	22.55		122	-									1000			
	01/12/96		25.82		50.02	24.20		260,000	2,600	2,200	6,300	7,800	<12,500	20							
	02/12/96		20.99		50.02	29.03		100				·					200	220			
	03/12/96		18.42		50.02	31.60		***				440	22	720		_		-			
	04/13/96	-	20.77		50.02	29.25		30,000	1,900	370	2,300	2,400	520 [2]	1066		-	0.00		_	1996	
	04/29/96				50.02				930	<25	1,200	1,400		922			-				
	05/14/96		22.34		50.02	27.68			-					-	-	_		-			-
	06/20/96		23.05		50.02	26.97															
	07/26/96		24.28		50.02	25.74		180,000	1,400	640	2,100	5,000	<5,000						-		
	08/19/96		25.05		50.02	24.97					=	5,000	0,000								
	09/17/96		25.8		50.02	24.22					***		250					## I	-		
	10/21/96		26.59		50.02	23.43		62,000	2,100	< 0.5	2,100	2,700			-						
	11/27/96		25.93		50.02	24.09		_			-,100	2,700							-		
	12/27/96		21.99		50.02	28.03					***		220			_					
	01/28/97		17.31		50.02	32.71		46,000	1,500	94	1,800	2,000							-		
	04/25/97		23.14		50.02	26.88		23,000	790	26	820	730									
	07/17/97		25,71		50.02	24.31		95,000	2,200	< 0.5	3,100	4,300		_		- TT-1	(***			-	
	10/21/97		27.33		50.02	22.69		31,000	2,000	< 0.5	2,100	1,900									-
	03/10/98		15.82		50.02	34.20		19,000	730	44	820	1,000					555				
	06/06/98		19.61	-	50.02	30.41		16,000	670	1,100	510	1,200	_			-			-	-	
	09/30/98		24.34	-	50.02	25.68		24,000	600	77	680	580	-				3.77			**	-
	12/30/98		25.09		50.02	24.93		9,300	510	96	450	480	_	-			-				
	03/13/99		20.22		50.02	29.80							_			-			-		
	03/23/99				50.02			5,700	580	9.4	400	280									
	09/29/99		25.9		50.02	24.12		17,000	880	240	830	1,000				-			**		
	12/29/99		26.5		50.02	23.52		11,000	800	11	860	780									
	03/18/00		18.15	-	50.02	31,87		11,000	790	14	520	450	-			-					
	07/18/00		24.01		50.02	26.01		10,000	560	27	630	530	-					220		77	
	09/26/00		25.33		50.02	24.69		6,800	450	7.4	290	200	-					200			-
	12/28/00		25,63		50.02	24.39		12,000	540	30	420	330	-		-		-			375.	
	03/30/01		22.71		50.02	27.31		3,500	230	<10	<10		<100				-	**		-	
								5,500	230	~10	~10	<10	<100								

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (µg/L)	Benzene (μg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)					1,2-DCA (μg/L)	EDB (µg/L)	Hexavalent Chromium (µg/L)	Lead (Pb) (µg/L)
MW-2	10/05/01		26.38		50.02	23.64												1041			-
(cont)	03/28/02		21.59		50.02	28.43		7,000	570	16	170	71					-				
	09/30/02		25.84		50.02	24.18			***									-			
	03/31/03		23.63		50.02	26.39		5,000	620	<12.5	71	<25						199			
	06/19/03		23.98		50.02	26.04		-													
	09/30/03		26.19		50.02	23.83											100			***	
	02/10/04		23.27		50.02	26.75								_					44		
	03/31/04			127	50.02			8,200	500	<12.5	65	<25							-		
	06/30/04		25.45		50.02	24.57				-	****								227		
	09/14/04		26.7		50.02	23.32		9,000	560	<13	57	<25							***		
	03/29/06		19.61		50.02	30.41		5,200	1,400	<20	52	<20						-	44		
	06/24/06		21.41		50.02	28.61												200 10	***		
	09/30/06		24.37		50.02	25.65		4,800	900	64	22	110	<50					022	225		
	12/11/06		23.92	-	50.02	26.10												10 mars	***		
	03/16/07		22.78		50.02	27.24										==		200			
	06/10/07		25.12		50.02	24.90		***	144									See			
	09/14/07		26.63	-	50.02	23.39		11,000	2,200	53	72	150	< 50					-			
	12/14/07		26.58		50.02	23.44			-								-	-			
	03/12/08		23.1		50.02	26.92		550	200								1000				
	06/11/08		25.71		50.02	24.31		440	223												
	09/05/08		27.14		50.02	22.88		10,000	1,000	49	120	120	<100				-				
	12/13/08		27.83		50.02	22.19				-											
	03/14/09		22.38		50.02	27.64		9,800	270	28	210	110	<110				122				_
	06/03/09		25.27		50.02	24.75										-			121m2		
	12/07/09		27.11		50.02	22.91		9,000	150	48	170	110	<50							-	
	03/15/10		21.98		50.02	28.04												_	75.	-	
	09/13/10		26.11		50.02	23.91		9,900	93	<5.0[5]	100	13[5]	<5.0[5]					<10[5]	<20[5]		18
	03/01/11		21.55		50.02	28.47										100	-	-10 5	-20[5]	-	10
	09/08/11		24.98		50.02	25.04		7,500	680	13	17	7.4[5]				-	22				
	03/06/12		26.11		50.02	23.91			220	44				***			-		770	201	
	07/11/12		24.86		50.02	25.16		6,100	31	2.2	33	3.0				-		_		-	
	03/05/13		24.69		50.02	25.33									-				_	220	
	09/09/13		27.64		50.02	22.38		7,400	5.3	<4.0[5]	84	11					421				
	03/11/14		27.05		50.02	22.97														1980	
	09/03/14		28.61		50.02	21.41		1,000	3.1	0.53	56	9.9					44	522			
	02/25/15		24.75		52.69	27.94		8,300	<2.5[5]	<2.5[5]	100	19			-		***	-		752	
	05/28/15		26.94	~~	52.69	25.75	340[6]	7,700	<1.0[5]	1.1	200	36	<1.0[5]				22		_	-	
	08/12/15		28.25		52.69	24.44	***	13,000	<4.0[5]	<4.0[5]	210	37	83			-	***				-
	11/18/15		29.03		52.69	23.66	**	10,000	<5.0[5]	<5.0[5]	280	51	<5.0[5]				249				
	02/11/16		24.74		52.69	27.95	***	12,000	<5.0[5]	<5.0[5]	230	55	<5.0[5]						1420		
	05/09/16		23.98		52.69	28.71	470[6]	8,900	<4.0[5]	<4.0[5]	170	42	<4.0[5]							-	
	11/08/16		26.23		52.69	26.46	880	17,000	<5.0[5]	<5.0[5]	160	56	<5.0[5]						(300)		
	02/13/17		17.11		52.69	35.58	**	1,600	< 0.50	< 0.50	5.1	1.7	< 0.50					-			-
	05/02/17		18.97		52.69	33.72		1,230	0.59	1.53	6.3	0.9	< 0.50					-		<1.0 <1.0	

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (μg/L)	GRO[1] (µg/L)	Benzene (μg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)	TBA (μg/L)			1,2-DCA (μg/L)		Hexavalent Chromium (µg/L)	Lead (Pb) (μg/L)
MW-3	01/06/95				49.32		-	740,000	11,000	2,300	8,300	28,000			 				(MB/L)	(µg/L)
	02/10/95		19.75		49.32	29.57				2,500			-	**	 			22		
	07/07/95		22.82		49.32	26,50		86,000	12,000	8,600	4,900	10.000	1.550		 			**		
	08/10/95		23.88		49.32	25.44				0,000	4,900	19,000			 -			777		
	09/11/95		24.78		49.32	24.54	-		_						 -					
	10/02/95		25.32		49.32	24.00		100,000	15,000	11,000	6,000	20.000	-		 -			77	-	
	11/07/95		26.11		49.32	23.21			15,000	11,000	0,000	20,000	277		 770	1996		-		
	12/08/95		26.7	_	49.32	22.62							-		 -			22		
	01/12/96		25.07		49.32	24.25		84,000	6,500	4,100	3,200	12.000	*5.000	-	 					
	02/12/96		20.32		49.32	29.00			0,500	4,100		12,000	<5,.000		 -			751		
	03/12/96		17.65		49.32	31.67						**	255	***	 			***		
	04/13/96		20.06		49.32	29,26		48,000	7,600	3,600	2,800	0.400	-2.500		 			22.0		
	05/14/96		21.61		49.32	27,71			7,000			9,400	<2,500		 			**		
	06/20/96		22.32		49.32	27.00			-	200		-		-	 			TE		
	07/26/96		23.65		49.32	25.67		62,000	6,400	3,100	2.000				 		344	**		
	08/19/96		24.31		49.32	25.01		02,000	0,400		3,000	11,000	<2,500		 			**		
	09/17/96		25.05		49.32	24.27			-				2,777		 			440		
	10/21/96		25.84		49.32	23.48		110,000	5 400	2.400	2.500				 		1.70		**:	
	11/27/96		25.19		49.32	24.13		110,000	5,400	2,400	2,500	9,800	-		 		***		22	
	12/27/96		21.21		49.32	28.11				-			**	***	 		277			
	01/28/97		16.54		49.32	32.78		120,000	5.500						 		-		223	
	04/25/97		22.38		49.32	26.94		130,000	5,500	15,000	2,300	12,000	-		 		1.55		**	
	07/17/97		24.95		49.32	24.37		180,000	6,900	20,000	2,600	13,000			 	**				
	10/21/97		26.59		49.32	22.73		69,000	5,100	1,100	1,800	8,600		~	 	77.				
	03/10/98		15.19		49.32	34.13		58,000	4,300	1,300	2,100	8,000			 			-		
	06/06/98		18.85		49.32	34.13		25,000	3,000	1,300	1,100	3,700			 			(**)		
	09/30/98		23.57		49.32	25.75		52,000	4,400	1,900	2,300	6,900			 **	***		***		
	12/30/98		24.33		49.32			42,000	4,300	1,400	1,800	6,600			 			199		
	03/13/99		19.49		49.32	24,99 29,83		34,000	4,200	770	2,300	9,000			 					
	09/29/99		25.12		49.32			44,000	3,500	1,000	1,700	5,200			 			1966		
	12/29/99		25.72		49.32	24.20		39,000	6,000	840	2,400	8,100			 			122		
	03/18/00	_	17.5		49.32	23.60	-	39,000	4,600	790	2,400	8,100			 -			100		
	07/18/00	_	23.28	_		31.82		21,000	3,100	550	1,400	4,100			 	***		122		
	09/26/00		24.52	_	49.32 49.32	26.04		30,000	5,000	950	2,000	5,700			 	***		2,946		
	12/28/00		24.87			24.80		36,000	5,300	640	2,400	9,900	-		 	460		540		
	03/20/01		24.07		49.32	24.45		33,000	4,700	450	2,100	6,400			 	220				
	03/30/01		21.93		49.32	27.20		21,000	2,000	260	570	3,000	<500		 	++0				
	10/05/01		25.62		49.32	27.39					***				 		and a			
	20/00/01		23.02		49.32	23.70	**	100							 	**	520	120		

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (μg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (μg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)					1,2-DCA (μg/L)		Hexavalent Chromium (μg/L)	Lead (Pb) (µg/L)
MW-3	03/28/02		20.83		49.32	28.49		-		-					-		040				
(cont)	09/30/02		25.2		49.32	24.12									-			***		200	_
	03/31/03		22.82	-	49.32	26.50		25,000	3,200	280	1,600	4,200					122	22		-	
	06/19/03	_	23.29		49.32	26.03					-							900			
	09/30/03 02/10/04		25.5		49.32	23.82												327			
	03/31/04		22.53		49.32	26.79					-						-	***		340	
	06/30/04	_	24.72		49.32			11,000	1,000	940	550	1,900					200				
	09/14/04		24.73 27.93	-	49.32	24.59							-	185		200	-		•		
	03/29/06		18.87		49.32	21.39		42,000	3,600	190	2,200	4,800				220				**	
	06/24/06		22.65		49.32 49.32	30.45		7,200	180	17	460	680				**					
	09/30/06		24.49		49.32	26.67							***			-			77	27.	
	12/11/06		23.03		49.32	24.83		7,100	130	94	500	820	< 50						-		
	03/16/07	_	21.97		49.32	26.29 27.35						-							77		
	06/10/07		24.28		49.32	25.04										***			***		
	09/14/07		25.75		49.32	23,57		6,700	16							227			900		
	12/14/07		25.96		49.32	23,36		0,700	16	44	200	400	<10				-		(44)		
	03/12/08		22.31		49.32	27.01				-			-					77	200		
	06/11/08		24.8		49.32	24.52															
	09/05/08		26.23		49.32	23.09		6,300	7.6	92					-				-	-	
	12/13/08		26.93		49.32	22.39		0,500	7.0	82	92	290	<5.0						**		
	03/14/09		21.65		49.32	27.67		3,300	13	17		1.40				-			223		
	12/07/09		26.2		49.32	23.12		2,800	13	43	56	140	<50			-					
	03/15/10		21.15		49.32	28.17		2,000		43	74	150	<50	-				107			
	09/13/10		25.20		49.32	24.12		1,400	< 0.50	< 0.50	5.3	2.9	-0.50					-			
	03/01/11		20.66		49.32	28.66				~0.50	J.J	2.9	< 0.50					<1.0	<2.0		22
	09/08/11		24.19		49.32	25.13		1,000	29	2.1	29	6.7						-			
	03/06/12		25.22		49.32	24.10			22	2.1		0.7						67.7		**	
	07/11/12		24.06		49.32	25.26		460	< 0.50	< 0.50	< 0.50	< 0.50			-			***		22	
	03/05/13		23.84		49.32	25.48					-0.50						7.7	377		***	
	09/09/13		26.62		49.32	22.70		1,100	< 0.50	< 0.50	0.98	< 0.50			-						
	03/11/14		26.14		49.32	23.18						-0.50								**	
	09/03/14		27.65		49.32	21.67		1,800	1.6	< 0.50	< 0.50	< 0.50			-						
	02/25/15		23.94		51.99	28.05		670	3.6	< 0.50	< 0.50	< 0.50						~~		****	
	05/28/15		25.98		51.99	26.01	<50	590	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50							-	
	08/12/15		27.31		51.99	24.68		1,200	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50				555		-	2000 P	-
	11/18/15		28.08		51.99	23.91		600	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		_		-				
	02/11/16		24.05		51.99	27.94		800	2.7	< 0.50	< 0.50	< 0.50	< 0.50				-	855		***	
	05/09/16		23.18		51.99	28.81	< 50	320	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						-		-
	11/08/16		25.48		51.99	26,51		290	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50				50	133		-	
	02/13/17		16.43		51.99	35,56		180	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	-			-			<1.0	-
	05/02/17		18.20		51.99	33.79		452	14.6	0.59	17.5	2.32	<0.50				**		-	<1.0	

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (μg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (μg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)	ΤΒΑ (μg/L)				1,2-DCA (μg/L)		Hexavalent Chromium (μg/L)	Lead (Pb) (µg/L)
MW-4	12/30/98		24.56		49.61	25.05		12,000	1,200	1,100	290	1,400						223			
	03/13/99		19.72		49.61	29.89			_											277	
	03/23/99		~~		49.61			89,000	5,900	8,700	2,000	9,200			-	-	187	220	-		-
	09/29/99	-	25.34		49.61	24.27		48,000	5,300	6,800	1,700	7,700								.77	
	12/29/99		25.97		49.61	23.64												***	-		
	03/18/00		17.76		49.61	31.85		44,000	4,500	7,500	2,200	11,000							-	***	-
	12/28/00		25.09		49.61	24.52			-												
	03/30/01		22.21		49.61	27.40		10,000	700	620	<10	1,900	<100						-		
	10/05/01		25.84		49.61	23.77		77					-100					-			
	03/28/02		21.03		49.61	28,58		30,000	3,700	3,100	1,100	4,100				_		1.55			
	09/30/02		25.29		49.61	24.32		221	-		-,	.,									
	03/31/03	-	23.02		49.61	26.59		25,000	2,000	2,100	820	2,900					-				-
	06/19/03		23.45		49.61	26.16	~~	***	-					-							-
	09/30/03		25.65		49.61	23.96		940									-	0.00			
	03/31/04				49.61	-		24,000	2,500	200	1,400	2,800							-	***	
	09/14/04	-	28.16		49.61	21.45		14,000	760	550	430	1,600					555			**	-
	03/29/06		19.87		49.61	29.74		17,000	2,000	1,200	910	2,400		_				_			
	06/24/06		22.86		49.61	26.75											-			***	
	09/30/06		23.94		49.61	25.67		4,000	440	120	240	360	<50							1111	
	12/11/06		23.36		49.61	26,25		443	***				-50							***	
	03/16/07		22.26		49.61	27.35		**	**									-			
	06/10/07		24.6	~~	49.61	25.01		443	221								-	-			}
	09/14/07		26.11		49.61	23.50		10,000	1,300	96	440	560	<50	_	_			-			
	12/14/07		26.39		49.61	23.22		447	-				_					200			-
	03/12/08		22.62	-	49.61	26.99		750	772												
	06/11/08		25.19		49.61	24.42		440	929											##D	
	09/05/08		26.64	-	49.61	22.97		12,000	1,400	110	960	840	<300								
	12/13/08		27.36		49.61	22.25											F5	-			
	03/14/09		21.96		49.61	27.65		44,000	1,700	1,000	2,600	6,700	<250		-						
	12/07/09		26.6		49.61	23.01		26,000	920	160	2,100	3,200	<250						77	-	-
	03/15/10		21.59		49.61	28.02	^ <u></u>						-230			-					
	09/13/10 03/01/11		25.70		49.61	23.91		9,900	660	56 Well D	550 estroyed	465	<2.5[5]			**		<5.0[5]	<10[5]	-	<5.0[5]

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)					1,2-DCA (μg/L)		Hexavalent Chromium (µg/L)	Lead (Pb) (μg/L)
MW-5	12/30/98		24.51		49.57	25.06		170	1,1	< 0.5	< 0.5	4.8							220		
	03/13/99	-	19.64		49.57	29.93				-								_			=
	03/22/99				49.57			470	3.8	0.51	2	< 0.5						_	000	-	
	09/29/99		25.31		49.57	24.26		1,200	13	4.2	2.7	4.2							-		
	03/18/00		25.93		49.57	23.64		660	5.5	0.62	1.6	1.7						_	900	505	
	03/28/02		17.63		49.57	31.94								22	_				-		
	03/29/06				49.57			190	< 0.5	< 0.5	< 0.5	< 0.5			_			0.00	***		
	09/30/06		Dry		49.57	n/a			-41		(22)									-	
	09/14/07		Dry		49.57	n/a							2001	.000				**		***	
	12/14/07		Dry		49.57	n/a				000				-					-	===	-
	06/11/08		Dry		49.57	n/a							122								
	09/05/08		Dry		49.57	n/a			-	227							-		. 750	***	
	12/13/08		Dry		49.57	n/a				-		1,000	-				•				
	03/14/09		Dry		49.57	n/a		_	425	75.5								-	1.55		
	12/07/09		Dry		49.57	n/a		_	-	-									-		-
	03/15/10		21.46		49.57	28.11			124	-	-							-			
	09/13/10		25,62		49.57	23.95		260	< 0.50	< 0.50	< 0.50	<0.50							***		
	03/01/11		21.05		49.57	28.52			~0.30			< 0.50	<0.50					<1.0	<2.0		18
	09/08/11		24,46		49.57	25.11		210	< 0.50	< 0.50	< 0.50	-0.50									
	03/06/12		25.64		49.57	23.93			~0.30 			< 0.50							100		
	07/11/12		24.38		49.57	25.19		170	< 0.50	< 0.50	-0.50		-			-			100		
	03/05/13		24.20		49.57	25.37			<0.30		< 0.50	< 0.50	~~						0.77		
	09/09/13				49.57	25.57	-												-		
	03/11/14	-			49.57			-			-										
	09/03/14				49.57						-	-	-						-		-
	02/25/15	~~	24.33		52.29	27.96		66	-0.50									77	-77	***	
	05/28/15				52.29	27.90	-	00	< 0.50	< 0.50	< 0.50	< 0.50			-			**	100		
	08/12/15			_	52.29									npled - W							
	11/18/15		1520		52.29									npled - W							
	02/11/16		24.41		52.29	27.88		110	-0.50	.0. #0				npled - W	ell Dry						
	05/09/16		23.52		52.29	28,77			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		-	-		***	244		
	11/08/16		23.32		52.29		63	80	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			-		200	377		
	02/13/17		16.27			26.02		1.00						npled - W	ell Dry						
	05/02/17		18.41		52.29	36.02		160	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		-	-			100		
	03/02/17		10.41		52.29	33.88		87.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50					**			

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (μg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)	TBA (µg/L)				1,2-DCA (μg/L)		Hexavalent Chromium (μg/L)	Lead (Pb) (µg/L)
MW-6	12/30/98		22.92		48.06	25.14	_	400	1	<0.5	<0.5	4.8						22:		-	
	03/13/99		18.09		48.06	29.97							1120	-							
	03/22/99				48.06			390	< 0.5	< 0.5	< 0.5	< 0.5		-							
	09/29/99		23.68		48.06	24.38		330	1.8	1.4	1.5	< 0.5	227								
	12/29/99		24.31		48.06	23.75							440								
	03/18/00		16.2		48.06	31.86		200	1.3	< 0.5	< 0.5	< 0.5									
	07/18/00		21.84		48.06	26.22										**	5944	**			
	09/26/00		23.11		48.06	24.95		240	1.5	< 0.5	< 0.5	< 0.5									
	12/28/00		23.45		48.06	24.61										Her	198			•	
	03/20/01			***	48.06			160	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0								
	03/30/01		20,65		48.06	27.41									**		922				
	10/05/01		24.24		48.06	23,82									-						
	03/28/02		19.41		48.06	28.65		88	0.89	< 0.5	< 0.5	< 0.5			-	200	544				
	09/30/02		23.65		48.06	24.41															
	03/29/06	**			48.06		155			~-									**	22	
	09/30/06		22.33		48.06	25.73		280	5.5	24	14	69	< 5.0							-	
	09/14/07		24.58		48.06	23.48		< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0						-		
	12/14/07		24.88		48.06	23.18													-		
	03/12/08		21.03		48.06	27.03													22	-	
	06/11/08		23.62		48.06	24.44													***		
	09/05/08		25.1		48.06	22.96		84	0.92	0.76	1.7	3.5	<5.0					220	542		_
	12/13/08		25.81		48.06	22.25								1.75							
	06/03/09	-	23.2		48.06	24.86			-					194				220	22	-	
	03/15/10	-	19.87		48.06	28.19													-		
	09/13/10		23.92		48.06	24.14		< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			_		<1.0	<2.0		30
	03/01/11	***			48.06													~1.0	-2,0	-	
	09/08/11				48.06												200		_		
	03/06/12									Well D	estroyed									=	_

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)					1,2-DCA (μg/L)	EDB (µg/L)	Hexavalent Chromium (µg/L)	Lead (Pb) (µg/L)
MW-8	12/30/98		24.21		49.35	25.14	-	2,200	70	0.94	26	15									
	03/13/99			-	49.35													-			
	03/23/99				49.35			2,300	34	1.1	15	13									
	09/29/99				49.35			8,800	140	< 50	53	< 50						-	i con		
	12/29/99				49.35			1,900	64	1	22	23						-		_	
	03/18/00	-			49.35			1,400	36	< 0.5	12	9.3				_		-	0.000		
	07/18/00	-			49.35			3,000	67	9.8	38	38				-					
	09/26/00	1777			49.35			1,200	24	3	24	15									
	12/28/00		**		49.35			1,200	47	3.7	17	18				22			-		
	03/20/01		22.0		49.35			1,300	7.8	< 2.5	< 2.5	14	<25						920		
	03/30/01				49.35											-		100			
	10/05/01		550		49.35			1,800	28	<2.5	20	23							100		_
	03/28/02		**		49.35			1,100	12	1.7	11	10.8						-			
	09/30/02		550		49.35			1,400	15	24	32	22						(75)			
	09/30/06		24.07		49.35	25.28		760	4.9	31	13	64	< 5.0			-					
	03/16/07				49.35			370	< 0.5	8.1	0.52	0.94	<5.0				=				
	09/14/07		26.12		49.35	23.23		1,300	1.3	20	3	1.6	< 5.0								
	12/14/07		26.35	-	49.35	23.00								_			(220)	-		22	
	03/12/08		22.65		49.35	26.70		520	1.4	11	3.9	5,6	< 5.0		-		-				
	06/11/08		25.23		49.35	24.12							-5.0) 			98	
	09/05/08		26.62		49,35	22.73		1,800	1.9	30	5	4	<25	_		-					
	12/13/08		27.3		49.35	22.05		-					-43				***		-		
	03/14/09		21.8		49.35	27.55		950	3.1	42	36	180	<5.0	1,000							
	06/03/09		24.83		49.35	24.52						100	\J.U						***		
	12/07/09		26.58		49.35	22.77		2,200	2.2	42	10	19	<5.0		-			***			
	03/15/10		21.48		49.35	27.87		90	< 0.50	< 0.50	< 0.50	< 0.50					2.7			-	-
	09/13/10		25.58		49.35	23.77		550	< 0.50	< 0.50	1.7	< 0.50	< 0.50				***	-		-22	
	03/01/11		21.12		49.35	28,23		120	<0.50	< 0.50	< 0.50				***		-	<1.0	<2.0		<5.0
	09/08/11		24.58		49.35	24.77		150	< 0.50	< 0.50	< 0.50	< 0.50	-		-		44			127	
	03/06/12		25.65		49.35	23.70		410	< 0.50	<0.50	1.0	< 0.50				-	-			:==	
	07/11/12		24.47		49.35	24.88		130	< 0.50	< 0.50	< 0.50	< 0.50			-					-	
	03/05/13		24.28		49.35	25.07		160	< 0.50	< 0.50	< 0.50	< 0.50	-					**		**	
	09/09/13		27.11		49.35	22.24		880	< 0.50	< 0.50	1.7	<0.50 <0.50	_								
	03/11/14		26.52		49.35	22.83		330	< 0.50	<0.50	< 0.50							***	***		
	09/03/14		28.07		49.35	21.28		700	< 0.50	< 0.50	< 0.50	< 0.50								-	
	02/25/15		24.34		52.01	27.67		160	< 0.50	< 0.50		< 0.50						**	100		
	05/28/15		26.48		52.01	25.53	<50	81	< 0.50	< 0.50	< 0.50	< 0.50									
	08/12/15		27.77		52.01	24.24		650	< 0.50		< 0.50	< 0.50	< 0.50				~~		-		
	11/18/15		28.53		52.01	23.48		130	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50				-		**		
	02/11/16		24.25		52.01	27.76		<50		< 0.50	< 0.50	< 0.50	< 0.50				-	-			
	05/09/16		23.55		52.01	28.46	<50	<50	<0.50 <0.50	< 0.50	< 0.50	< 0.50	< 0.50							-	
	11/08/16		25.08		52.01	26.93				< 0.50	< 0.50	< 0.50	< 0.50			. 57.0	122		200		
	02/13/17		16.67		52.01	35.34		51 <50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50					-	***		
	05/02/17		18.59		52.01	33.42			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			-					
			20.57		52.01	33.42		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50					220			

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (μg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (μg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)					1,2-DCA (μg/L)	EDB (µg/L)	Hexavalent Chromium (µg/L)	Lead (Pb) (µg/L)
MW-9	12/30/98		23.98		48.77	24.79		25,000	23	<10	180	620					-47			7=	
	03/13/99		19.19		48.77	29.58															
	03/23/99				48.77			27,000	35	<20	600	920				_			122	1311	
	0 9/2 9/99		24.72		48.77	24.05		42,000	140	130	1,000	1,700			-			-		-	
	1 2/ 29/99		25.32		48.77	23.45		1,100,000	1,200	1,300	4,300	8,700						22	_	=	
	03/18/00		17.31		48.77	31.46		17,000	89	46	10	600									
	07/18/00		22.94		48.77	25.83		12,000	39	8.2	540	760					222				
	09/26/00		24.16		48.77	24.61		11,000	19	<5	470	610				_				1000	
	12/28/00		24.48		48.77	24.29		22,000	100	<100	610	770		-			220			-	-
	03/20/01				48.77			8,200	40	<10	14	210	<100					_		-575	
	03/30/01		21.65		48.77	27.12				_					2			-		-	
	10/05/01	-	25.23	-	48.77	23.54		77,000	<100	110	780	850									
	03/28/02		20.45	-	48.77	28.32		11,000	34	6.1	220	180						200			
	09/30/02		24.66		48.77	24.11		34,000	<125	140	240	370									
	03/31/03	-	22.44		48.77	26.33		6,200	<12.5	<12.5	130	87									
	06/19/03		22.87		48.77	25.90		-													
	09/30/03		25		48.77	23.77		9,700	52	<25	160	87	***	-			10000	(70)			
	02/10/04		22.13		48.77	26.64			***				_					-		777	
	06/30/04		24.55		48.77	24.22							925	1/577			A CONTRACT			-	
	09/14/04		25.69		48.77	23.08	-	9,500	48	<25	93	<50					-			125	
	03/29/06		16.74		48.77	32.03		6,200	< 0.5	< 0.5	57	11			-	***	***		100	144	
	06/24/06	-	22.43		48.77	26,34														199	
	09/30/06		23.4		48.77	25,37		2,200	3.7	31	37	40	<17			77	***	-			
	12/11/06		22.78		48.77	25.99				J1		40		-	-				100	-	
	03/16/07		21,76		48.77	27.01		3,200	2.2	37	18	2.9	-								-
	09/14/07		25,5		48.77	23.27		2,600	1.4	28	13	3.2	<5.0					27.7			
	12/14/07		25.83		48.77	22.94		2,000	4.4	20		3.2						**			-
	03/12/08		22.08		48.77	26.69		2,800	2.3	32	12	5.3	<5.0					75.1		~~	
	06/11/08		24.61		48.77	24.16		2,000	2,3	32	12		<5.0								
	09/05/08		26.04		48.77	22.73		3,800	2.5	40	6.1	2.8	-100			-		550	-		-
	12/13/08		26.74		48.77	22.03		2,000	2.5		0.1	2.8	<100								
	03/14/09		21.46		48.77	27.31		7,100	11	63	50							27.7			
	06/03/09		24.21		48.77	24.56		7,100			JU 	120	<50					**		-	
	12/07/09		26.03		48.77	22.74		3,600	4	34	18	22						250		-	
	03/15/10		20.91		48.77	27,86		2,900	1.1	<1.0	11	22	<5.0					-			
	09/13/10		24.93		48.77	23.84		4,500	<2.0[5]	<2.0[5]	15	<1.0	<1.0			-		55.0			- j
	03/01/11		20.40		48.77	28.37		4,100	<1.0[5]	<1.0[5]	10	<2.0[5]	-					<4.0[5]	<8.0[5]		9.3
	09/08/11		23.90	_	48.77	24.87		3,800				<1.0[5]									(
	03/06/12		25.02		48.77	23.75		3,800	<1.0[5] <1.5[5]	<1.0[5] <1.5[5]	7.7	<1.0[5]	-	-		-				-	
	07/11/12		23.81		48.77	24.96		5,800	<2.0[5]		6.6	<1.5[5]	_					550	**	-	
	03/05/13		23.64		48.77	25.13		2,100	<2.0[5]	<2.0[5]	6.2	<2.0[5]									
	09/09/13		26.52		48.77	22.25		4,400		<2.0[5]	4.2	<2.0[5]						750			
	03/11/14		25.91		48.77	22.86		3,800	<1.5[5]	<1.5[5]	4.1	<1.5[5]						460		-	
	09/03/14		27.44		48.77	21.33			<1.0[5]	<1.0[5]	2.7	<1.0[5]		-					***		
					40,77	21,33		5,800	<2.0[5]	<2.0[5]	2.8	<2.0[5]									

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

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)		DIPE (μg/L)			1,2-DCA (μg/L)	EDB (µg/L)	Hexavalent Chromium (µg/L)	Lead (Pb) (µg/L)
MW-9	02/25/15		23.78		51.44	27.66		4,200	2.5	<1.5[5]	2.7	<1.5[5]				[Hell)					
(cont)	05/28/15		25.88		51.44	25.56	220[6]	4,600	1.1	< 0.50	2.3	0.59	< 0.50	_							
	08/12/15		27.13		51.44	24.31	122	5,200	2.4	1.0	11	1.9	3.0						-	44	
	11/18/15		27.96		51.44	23.48	185	5,700	<2.5[5]	<2.5[5]	4.9	<2.5[5]	<2.5[5]							***	
	02/11/16		23.89		51.44	27.55	**	8,000	<4.0[5]	<4.0[5]	7.1	<4.0[5]	<4.0[5]		261		(89)			**	
	05/09/16		23.03	-	51.44	28.41	74[6]	4,000	3.5	<1.5[5]	2.8	<1.5[5]	<1.5[5]			-			~~	201	
	11/08/16		25.50		51.44	25.94		5,300	26	2.7	9.5	3.3	<2.5[5]				-				
	02/13/17 05/02/17		16,33 18.04		51.44	35.11		3,800	63	2.3	4.7	1.9	<1.0[5]					-		<1.0	
	U3/U2/17		10.04		51.44	33.40		2,820	8.47	2.17	3.59	1.0[5]	<1.0[5]	-		-	-	-		<1.0	
MW-10	12/30/98		25.15		49.93	24.78		6,900	130	19	140	210									
	03/13/99		20.62		49.93	29.31		0,500			140	210							-		
	03/23/99				49.93			6,600	150	33	240	170			-				***		
	09/29/99		26.13		49.93	23.80		9,300	60	38	280	150						-			
	12/29/99		26.7		49,93	23.23		5,800	87	10	420	180		-	-	-		1000			
	03/18/00		18.67		49.93	31.26		3,800	180	11	220	120			_	-				-	
	07/18/00	-	24.38		49.93	25.55		9,100	120	33	210	130	270	377			200	022			
	09/26/00	-	25.59		49.93	24.34		4,500	22	8,8	1.3	18		-			-	200	_	-	
	12/28/00		25.9	-	49.93	24.03		3,900	55	13	98	38	_		_		42	722			
	03/30/01	-	23.14		49.93	26.79		4,500	48	6	<5	23	81 / <5.0			_		200	***		
	10/05/01		26.6		49.93	23.33		5,200	70	28	41	30					_	0.00	227		
	03/28/02		21.87		49.93	28.06		7,400	45	20	210	66		-					**		
	09/30/02		26.05		49.93	23.88		670	54	5.9	76	23						022	22		
	03/31/03		23.87		49.93	26.06		5,700	31	38	67	27						2.000	***		
	06/19/03		24.28		49.93	25.65												721			
	09/30/03		26.37		49.93	23.56		7,400	61	<50	<50	<100						2000	-		
	02/10/04 06/30/04		23,54 25,71		49.93	26.39												**			
	09/14/04		26.85		49.93	24.22												1000			
	03/29/06		20.83		49.93 49.93	23.08	-	9,100	47	<25	51	<50			***						
	06/24/06		23.87		49.93	29.75 26.06		6,800	140	18	270	160			==			200	**		
	09/30/06		24.8		49.93	25.13		F 700	<u></u>	20							-				
	03/16/07		23.09		49.93	26.84		5,700 10,000	61 71	30	78	120	<100					1969			
	09/14/07		26.87		49.93	23.06		5,800	55	15 18	46 22	25	<50					-		-	
	12/14/07		27.14		49.93	22.79		3,800			22	15	<10					***			
	03/12/08		23.48		49.93	26.45		9,300	240	23	48	37	-50							550	
	06/11/08		25.98		49.93	23.95				23			<50			-	-				
	09/05/08		27.38		49.93	22.55		8,400	120	12	18	16	<250							77	
	12/13/08		28.04		49.93	21.89							-2.50				-	122		240	
	03/14/09		22.73		49.93	27,20		8,100	300	25	36	72	<250					-	-		
	12/07/09		27.33		49.93	22.60		8,400	160	26	32	34	<100		_	-	200		-	44	
	03/15/10		22.27		49.93	27.66		5,200	110	4.1	29	16	<2.0			_	-		200		
	09/13/10		26.88		49.93	23.05		6,800	43	2.5	31	13[5]				-		<4.0[5]	<8.0[5]		<5.0
	03/01/11		21.77		49.93	28.16		8,100	32	3.2	53	11[5]		-		-			-0.0[5]		< 5.0
	09/08/11		25.27		49.93	24.66		7,700	13	<2.5[5]	30	9.0[5]					-				
	03/06/12		26.37		49.93	23.56		5,300	9.8	2.5	25	7.0					***			144	
	07/11/12 03/05/13		25.19 25.03		49.93	24.74		7,400	13	3.1	34	7.1						-	77		_
	09/09/13	-	25.03		49.93	24.90		6,200	41	5.8	27	8.3	~~			100	-		**	140	
	03/11/14		27.84		49.93 49.93	22.09		4,400	16	<4.0[5]	14	5.8								-	
	09/03/14		28.74		49.93	22.72 21.19		7,700	44	3.7	20	5.2			-		***	1990		-	
	02/25/15		25.13		52.60	27.47		6,900	44	3.5	17	6.0			-		-			1,550	
	05/28/15		27.20	-	52.60	25.40	77	9,600	150	12	33	18					**			940	
	08/12/15		28.45	-	52,60	24.15	100[6]	5,500	82	6.2	26	9.6	<1.0[5]					-	70.0		-
	11/18/15		29.24		52.60	23.36		9,300	100	6.1	24	8.3	<4.0[5]								
	02/11/16		25.18		52.60	27.42	**	7,000	93	6.7	18	8.6	<2.5[5]						77.0		
	05/09/16		24.38	_	52.60	28.22		8,900	160	14	20	20	<5.0[5]						***		
	11/08/16	_			52.60	20.22	76[6]	8,500	180	19	40	24	<4.0[5]						77.0		
	02/13/17		17.74		52.60	34.86		4,900	60	0.2		ar Parked Ov			d or Sam	pled					
	05/02/17		19.51	_	52.60	33.09		5,850	60 114	8.2	11	18	<1.5[5]								
					52.00	33.07		3,630	114	15.3	73.2	37.76	<1.5[5]					***			

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)	TBA (μg/L)				1,2-DCA (μg/L)		Hexavalent Chromium (µg/L)	Lead (Pb) (µg/L)
MW-11	12/30/98		23.15		47.93	24.78		80	<0.5	<0.5	0.93	1,6						-			
	03/13/99		18.37		47.93	29.56												-			
	03/23/99			-	47.93			< 50	< 0.5	< 0.5	< 0.5	< 0.5						150			
	09/29/99		23.9		47.93	24.03		94	< 0.5	< 0.5	< 0.5	< 0.5	-	**		_					
	12/29/99		24.5		47.93	23.43							-	-				127			
	03/18/00		16.55		47.93	31.38		< 50	< 0.5	< 0.5	< 0.5	< 0.5							-		
	07/18/00		22.12		47.93	25.81				-			-				224	157			
	09/26/00		23.35		47.93	24.58		< 50	< 0.5	< 0.5	< 0.5	< 0.5	22								
	12/28/00		23.67		47.93	24.26													***	##S	
	03/20/01				47.93			< 50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0								
	03/30/01		20,9		47.93	27.03						-0.5	-5.0						## S	***	
	10/05/01		24.41		47.93	23.52								==					***	220	
	03/28/02		19.62		47.93	28.31		< 50	< 0.5	< 0.5	< 0.5	<1.5		-	-	-			**		
	09/30/02		23.84		47.93	24,09			-0.5									12.0			
	09/30/06		22.58		47.93	25,35		160	1.8	12	7.6	40	<5.0	***			75			440	
	09/14/07		24.72		47.93	25.21	-	<50	<0.5	<0.5	<0.5	< 0.5		-					770	77.7	
	12/14/07		25	-	47.93	22.93				-0.5		<0.5	<5.0					-	***		
	06/11/08		23.81		47.93	24.12	_				-				-	-			77.0		-
	09/05/08		25,23		47.93	22.70		150	0.93	0.6		2.5							***		
	12/13/08		25.93		47.93	22.00		130	0.93	0.0	1.6	2.5	<5.0						550		-
	03/15/10		20.10	_	47.93	27.83											~-				
	09/13/10		24.11		47.93	23.82		<50	< 0.50	< 0.50									77.0	-	
	03/01/11		19.57		47.93	28.36					< 0.50	< 0.50	< 0.50				**	<1.0	<2.0		22
	09/08/11		23.08		47.93	24.85		<50	-0.50	-O 50	-0.50			**			221			(350)	
	03/06/12		24.18		47,93	23.75		~	< 0.50	< 0.50	<0.50	< 0.50			-	-	77			-	
	07/11/12		23.00		47.93	24.93		<50	-0.50	-0.50	-0.50		***	**	-		term 1				
	03/05/13		22.82		47.93	25.11			< 0.50	< 0.50	< 0.50	< 0.50					***	***		944	
	09/09/13		25.71		47.93	22.22		<50	<0.50	*O.50						-				1,550	
	03/11/14		25.10		47.93	22.83			<0.50	< 0.50	< 0.50	< 0.50			_						
	09/03/14		26.61		47.93	21.32		<50	-0.50	-0.50					-						
	02/25/15		22.97		50.63	27.66			< 0.50	< 0.50	<0.50	< 0.50						100		~-	
	05/28/15		25.04		50.63	25.59		<50	< 0.50	< 0.50	< 0.50	< 0.50			-						
	08/12/15		26.31		50.63	23.39		<50 <50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		-			**			
	11/18/15		27.13		50.63	23.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50				-				
	02/11/16		23.08		50.63	27,55		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	-			**	***		1000	
	05/09/16		22.21		50.63			<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50				-		-	**	
	11/08/16		24.70			28.42		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						44		_
	02/13/17		15,58		50.63	25.93		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						0.77		-
	05/02/17		17.20		50.63	35.05		<50	< 0.50	<0.50	< 0.50	< 0.50	< 0.50				***		100		
	V3/02/1/		17.20	-	50.63	33.43		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	-			22.0				

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)					1,2-DCA (μg/L)		Hexavalent Chromium (μg/L)	Lead (Pb) (μg/L)
MW-12	03/20/01				48.46	_	792	4,100	28	6.2	<5	16	90 / <5.0							142	
	03/30/01		21.43		48.46	27.03										2.2	7227				
	06/29/01				48.46			4,200	26	25	19	29					-				
	10/05/01		24.94		48.46	23,52					443		_		-20		722				-
	12/21/01	-			48.46		-	5,300	9.7	<2.5	41	14								127	
	03/28/02		20.15		48.46	28.31		4,900	20	<2.5	69	23		_	**	**	7				
	06/28/02				48.46		-22	2,600	29	<12.5	30	<25								Verilo .	
	09/30/02		24.37		48.46	24.09	_	700	16	4.9	19	9.8		_		_					
	09/30/06		22.58		48.46	26.18		2,100	6.2	15	16	38	<10							200	-
	12/11/06		23.88		48.46	24.88		5,500	13	24	16	23	<17	_				-			
	03/16/07		21.77		48,46	26,99		4,900	11	24	16	8.5	<50	_				=	1,570	1875	
	06/10/07		24.06		48.46	24.70		2,600	<2.5	<2.5	13	9.5	<25								
	09/14/07	-			48.46										_				177	127	
	12/14/07		25.77		48.46	22.99								722	-			_			-
	03/12/08				48.46								-	=		-		77.			
	06/11/08		24.6		48.46	23.86		6,200	11	21	26	8.1	<50		-	-					
	09/05/08		25.97		48.46	22.49		5,000	7.3	15	12	5.9	<25			1000	1000				
	12/13/08		26.66		48.46	21.80		4,400	7.6	19	12	9.4	<25					-		-	-
	03/14/09		21.36		48.46	27.10		6,800	16	19	20	60	<50	_			-			E-10	
	06/03/09		24.2		48,46	24.26		6,400	6.5	24	25	6.1	<50		_			-			
	12/07/09				48.46							0.1								285	7.5
	03/15/10		20.89		48.46	27.57		5,100	5.0	< 2.0	15	4.3	<2.0				-				
	09/13/10		24.91		48.46	23,55	_	5,400	<2.0[5]	<2.0[5]	10	3.5	-2.0		777	-			<0.0(5)	198	200
	03/01/11		20.40		48.46	28.06		5,900	<2.0[5]	<2.0[5]	18	3.9[5]						<4.0[5]	<8.0[5]		14
	09/08/11				48.46					2.0[5]		2.2[2]			-	-			-	**	
	03/06/12		25.01		48.46	23.45		4,100	<1.5[5]	<1.5[5]	6.9	2.5						-			
	07/11/12		23.85		48.46	24.61		3,500	<1.0[5]	<1.0[5]	7.4	1.8			-	-			***	- 	
	03/05/13				48.46			5,500	1.0[5]	-1.0[5]		1.0									
	09/09/13				48.46			1,600	< 0.50	< 0.50	0.70	0.69	-					-	177	5 715	
	03/11/14		25,85		48.45	22,60		4,600	<2.0[5]	<2.0[5]	2,5	<2.0[5]		-						84	
	09/03/14		27,36		48.45	21.09		5,200	<1.5[5]	<1.5[5]	3.4	2.3				-			70	196	
	02/25/15		23.78		51.09	27.31		5,000	23	2.5	6.9	3.4	_			**	***				
	05/28/15		25.81		51.09	25.28		4,100	6.0	1.4	3.8	3.32	<0.50		-	==0.	-		-		
	08/12/15		27.07		51.09	24.02		5,500	12	<2.5[5]	4,4	2.7	<2.5[5]		-		-			-14	
	11/18/15		27.85		51.09	23.24		4,400	3.7	<2.0[5]	<2.0[5]	7		-	477					· ***	
	02/11/16		23.81		51.09	27.28		7,900	68	<5.0[5]	9.9	5.6	<2.0[5]						22	22	
	05/09/16				54.07	27.20		1,500	00	V.0[3]			<5.0[5]		1 0					199	
	11/08/16		25.40		51.09	25.69		5,300	120	8.1	11	r Parked Or 6.4	er Well - N <4.0[5]	lot Gauge	ed or San	npied) = 1	
	02/13/17 05/02/17		18.19		51.09	32.90		5,630	77.9	7.42	29.7	10.8	<1.5[5]	_					-		

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

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (μg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)					1,2-DCA (µg/L)		Hexavalent Chromium (µg/L)	Lead (Pb) (µg/L)
MW-13	03/20/01			77.0	49.51	-		<50	<0.5	<0.5	<0.5	<0.5	<5.0			**:	(44				
	03/30/01		22.48		49.51	27.03										22		77.1			
	06/29/01	***			49.51			<50	< 0.5	< 0.5	< 0.5	< 0.5	-		144	441	-				
	10/05/01		25.99	-	49.51	23.52		<50	< 0.5	< 0.5	< 0.5	< 0.5	77	0.72	-						
	12/21/01				49.51			<50	< 0.5	< 0.5	< 0.5	< 0.5	**		-				-		40
	03/28/02		21.2		49.51	28.31		<50	< 0.5	< 0.5	< 0.5	<1.5							***		
	06/28/02				49.51		***	<50	< 0.5	< 0.5	< 0.5	<1.0						45	2.5		
	09/30/02		25.42		49.51	24.09		<50	< 0.5	< 0.5	< 0.5	<1.0					1000		-		
	12/21/02		-		49.51			<50	<0.5	< 0.5	< 0.5	<1.0					-	227			
	09/30/06		22.58		49.51	26.93		170	2.1	13	8.1	43	< 5.0				0		**		
	12/11/06	-	25.33		49.51	24.18		110	4.6	6.5	4.6	17	< 5.0			-	-	-			
	03/16/07		23		49.51	26.51		<50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0					75	***	(46)	
	06/10/07		25.5		49.51	24.01		54	0.8	0.84	1.3	5.4	< 5.0							22	
	09/14/07		26.85		49.51	22.66		<50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0		-				100		***
	12/14/07		27.11		49.51	22.40		<50	0.76	< 0.5	2.3	2.6	<5.0								
	03/12/08	-	23.5		49.51	26.01		<50	< 0.5	< 0.5	0.66	2.2	<5.0							1881	**
	06/11/08		26.02	-	49.51	23.49		120	0.58	0.97	1.1	2	< 5.0								
	09/05/08		27.29		49.51	22.22		78	< 0.5	0.6	0.98	2.1	<5.0		-				-	100	540
	12/13/08 03/14/09		27.96	-	49.51	21.55		59	0.93	<0.5	2.5	3.8	<5.0							-	
	06/03/09		22.48 25.61		49.51	27.03		260	1.1	8.8	10	46	<5.0		-				-	200	***
	12/07/09				49.51	23.90		<50	<0.5	<0.5	0.65	0.69	<5.0								
	03/15/10		27.40 22.26		49.51	22.11		190	1.2	1.6	5.8	13	<5.0					**	***	-	
	09/13/10		26.40		49.51	27.25		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50				-				
	03/01/11		21.82		49.51	23.11		<50	< 0.50	< 0.50	< 0.50	< 0.50			-			<1.0	<2.0		8.0
	09/08/11		25.38		49.51 49.51	27.69		<50	< 0.50	< 0.50	< 0.50	< 0.50				**	-				
	03/06/12		26,49		49.51	24.13		<50	< 0.50	<0.50	< 0.50	< 0.50				-	***	200			-
	07/11/12		25,31		49.51	23.02 24.20	-	<50	< 0.50	< 0.50	< 0.50	< 0.50					-			~-	
	03/05/13		25.17		49.51	24.20		<50	< 0.50	< 0.50	< 0.50	< 0.50			**	-	_				
	09/09/13		27.87		49.51	21.64		<50 <50	< 0.50	< 0.50	< 0.50	< 0.50									
	03/11/14		27.31		49.51	22.20		<50	<0.50 <0.50	<0.50 <0.50	< 0.50	< 0.50				-				-	
	09/03/14		27.51		49.51	22.20	622		<0.50		< 0.50	< 0.50			-					-	(70)
	02/25/15		25.22		52.18	26.96	-	<50	< 0.50	< 0.50	< 0.50	-0.50			-					44	
	05/28/15		27.10		52.18	25.08		<50	< 0.50			< 0.50	-0.50							(777)	753
	08/12/15		28.48		52.18	23.70		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		-						
	11/18/15		29.25		52.18	22.93		<50	< 0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	< 0.50			-				.77	
	02/11/16		24.98		52.18	27.20		<50	< 0.50	<0.50			< 0.50		1000					344	200
	05/09/16		24.41		52.18	27.77		<50	< 0.50	< 0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50		122		-		==	(***)	
	11/08/16				22.10	21.11	-	-50	~0.30	~0.30	~0.30	~0.50	~U.5U				_	-			
	02/13/17										C	ar Parked O	or Wall A	Tet Com	-4 C						
	05/02/17		19.67		52.18	32.51		<50	< 0.50	< 0.50	<0.50	<0.50	<0.50	voi Gaug	cu or san	ipiea					

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (μg/L)	GRO[1] (µg/L)	Benzene (μg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)					1,2-DCA (μg/L)		Hexavalent Chromium (µg/L)	Lead (Pb) (µg/L)
MW-14	03/20/01			0.75	49.54		-	200	<0.5	< 0.5	<0.5	< 0.5	<5.0				1221	22			
	03/30/01		22.51		49.54	27.03							***			-		344			
	06/29/01	-			49.54			660	< 0.5	< 0.5	< 0.5	4.6	_				-	-			
	10/05/01		26.02		49.54	23.52		770	1.7	1.5	0.91	8.3	-								
	12/21/01	177			49.54		100	1,500	3.1	13	1.9	22					0.220	-			
	03/28/02		21.23		49.54	28.31		390	1.7	< 0.5	< 0.5	0.74								(886	**
	06/28/02				49.54			120	< 0.5	< 0.5	< 0.5	<1								1.55	
	09/30/02		25.45	-	49.54	24.09		210	< 0.5	1.7	< 0.5	1.1							144		
	12/21/02				49.54			53	< 0.5	< 0.5	< 0.5	<1.0	22	0227							
	09/30/06		22.58		49.54	26.96		210	2.5	15	9.1	48	< 5.0				(44)	540	144		
	12/11/06		24.9		49.54	24.64		190	6.7	9.9	5.4	19	< 5.0						122		_
	03/16/07		22.67		49.54	26.87		<50	< 0.5	1.1	< 0.5	< 0.5	<5.0					**	***		
	06/10/07		25.11		49.54	24.43		73	1.1	1.3	1.8	7.2	< 5.0	-				-			
	09/14/07		26.56		49.54	22.98		< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0						100		
	12/14/07 03/01/08		26.8		49.54	22.74		69	1.1	0.57	3.5	4.5	< 5.0				-		**		
	03/01/08		23.03		49,54	26.51								***				440	32		
	06/11/08		25.69		49.54			110	0.61	1.2	1.2	3.6	<5.0				-	220			-
	09/05/08				49.54	23.85		52	<0.5	0.68	< 0.5	1	<5.0					**	**		
	12/13/08		27.04 27.72		49.54	22.50		95	<0.5	1.3	0.61	2.3	<5.0					375	277		
	03/14/09		22.22		49.54 49.54	21.82		220	1.5	4.3	3.2	5.1	<5.0							***	
	06/03/09		25.3		49.54	27.32		360	1.4	12	13	61	<5.0							-22	
	12/07/09		27.1		49.54	24.24 22.44		68	< 0.5	1.9	0.81	1.1	<5.0			-			**	-	-
	03/15/10		21.94		49.54	27.60		220	1.3	2.7	6.9	15	<5.0	-	-	-			77	125	
	09/13/10		26.05	_	49.54	23.49		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						-		
	03/01/11		21.50		49.54	28.04		<50 <50	< 0.50	< 0.50	< 0.50	< 0.50	**					<1.0	<2.0		11
	09/08/11		25.02		49.54	24.52		<50 <50	< 0.50	< 0.50	< 0.50	< 0.50	***	***			***				
	03/06/12	_	26.13		49.54	23.41		<50	< 0.50	< 0.50	<0.50	< 0.50					1,555	-			
	07/11/12		24.92		49.54	24.62		<50 <50	< 0.50	< 0.50	< 0.50	< 0.50				***	-			144	
	03/05/13		24.75		49.54	24.79		<50	<0.50 <0.50	< 0.50	< 0.50	< 0.50				gr	**	-			
	09/09/13		27.57		49.54	21.97		<50	<0.50	< 0.50	< 0.50	< 0.50									
	03/11/14		26.95		49.54	22.59		<50	< 0.50	<0.50 <0.50	< 0.50	< 0.50		-		-			***	(96	
	09/03/14		28.50		49.54	21.04		160	<0.50	< 0.50	< 0.50	< 0.50		_							
	02/25/15		24.78		52.22	27.44	-	<50	< 0.50	< 0.50	< 0.50	< 0.50				-		-		199	
	05/28/15		26.95		52.22	25,27		<50	<0.50	< 0.50	<0.50 <0.50	<0.50 <0.50	-0.50					-		**	
	08/12/15		28.20	_	52.22	24.02		<50	<0.50	< 0.50	< 0.50	<0.50	< 0.50				-	-		5 20	
	11/18/15		28.98		52.22	23.24		<50	<0.50	< 0.50	< 0.50	<0.50	< 0.50			-			22	-	
	02/11/16		24.53		52.22	27.69		<50	< 0.50	< 0.50	< 0.50	< 0.50	<0.50 <0.50				-	-	399		
	05/09/16		23.95		52.22	28.27		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50				-		**	164	
	11/08/16		26.15		52.22	26.07		<50	<0.50	< 0.50	< 0.50	< 0.50	<0.50							194	
	02/13/17					20.07		-50	~0.50	NO.50		v.50 or Parked Ov			ad or C	an lad					-
	05/02/17		19.11		52.22	33.11		<50	< 0.50	<0.50	<0.50	<0.50	<0.50	voi Gaug	ou or san		-		-	144	

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)					1,2-DCA (μg/L)	EDB (μg/L)	Hexavalent Chromium (μg/L)	Lead (Pb) (µg/L)
MW-1A	05/30/97	17221	_	**	48.24			12,000	18	8.7	90	540			440	1944	940				
	12/30/98		23.6		48.24	24.64		51	< 0.5	< 0.5	< 0.5	< 0.5			450	-22	-	-			
	03/13/99		18.85	-	48.24	29.39											***	-	***		
	03/23/99	5.000	-	355	48.24	-		1,800	4	< 0.5	3	7.5				**	***	-11			
	03/23/99	-		***	48.24			2,200	10	0.52	3.1	7.1						399	***		
	09/29/99		24.35	-	48.24	23.89		13,000	63	26	30	72				**		- 44			-
	12/29/99		24.95		48.24	23.29			-								-	-			
	03/08/00				48.24			6,100	36	<5	9.7	45			***	-	-				
	03/18/00		16.99		48.24	31.25							-				***				
	07/18/00		22.6	-	48.24	25.64														TT.	1000
	09/26/00		23.76		48.24	24.48	***	11,000	14	<5	65	150	**	999						945°	744
	12/28/00		24.11		48.24	24.13							-							220	200
	03/30/01	-	21.22		48.24	27.02		4,800	30	6	<5	7	51 / < 5.0							<u> 200</u>	
	10/05/01		24.86		48.24	23.38		15,000	76	41	36	140						.00	775		
	03/28/02		20.1		48.24	28.14		9,300	35	<12.5	17	32	'	-		5566		200			
	09/30/02		24.28		48.24	23.96		23,000	<50	63	77	230			***	100					
	09/30/06 03/16/07		23.03		48.24	25.21		2,500	4.1	25	22	49	<5.0			-		***			
	03/16/07		25.13		48.24	22.11		1,800	1.8	17	6.4	4.4	<5.0	~~	***	177	===				
	12/14/07		25.43		48.24	23,11	-	1,500	1.1	15	2.8	1.8	< 5.0		**	**	**				
	03/12/08		23.43		48,24 48,24	22.81		1 200		10						0.77	200	977			
	06/11/08		24.24		48.24	26.49	-	1,200	2.1	12	5	3.6	< 5.0			**		44			
	09/05/08		25.62		48.24	24.00 22.62		1.000	2.4		10			-		1	1777				
	12/13/08		26.33		48.24	21.91		1,900	2.4	14	10	5.4	<5.0		-			-			
	03/14/09		21.07		48.24	27.17		1,700	2.5	13	1.1					175	-	-			
	03/15/10		20.52		48.24	27.72	_	2,400	< 0.50	< 0.50	11 5.5	32	<5.0	-		***	-				
	09/13/10		24.55		48.24	23.69		2,800	<0.50	< 0.50		2.3	< 0.50			0.77		1077			
	03/01/11		20.02		48.24	28.22		2,600	< 0.50	< 0.50	7.6 6.2	2.4			**	1 4-		<1.0	<2.0		6.9
	09/08/11		23.52		48.24	24.72		2,200	<1.0[5]	<1.0[5]	7.4	2.3				0.55	-	2.77		-	
	03/06/12		24.60		48.24	23.64		2,100	<1.0[5]	<1.0[5]	9.0	2.3				-	-				
	07/11/12		23.45		48.24	24.79		4,200	<2.0[5]	<2.0[5]	6.4	2.6				-		-			
	03/05/13		23.28		48.24	24.96		1,200	<1.0[5]	<1.0[5]	4.8	<1.0[5]			-	**		-			
	09/09/13		26.11		48.24	22.13		3,200	<1.0[5]	<1.0[5]	9.7	2,2			-	377	-	200			
	03/11/14		25.50		48.24	22.74		3,400	<1.0[5]	<1.0[5]	12	<1.0[5]		_		-					-
	09/03/14		27.00		48.24	21.24		4,900	<1.5[5]	<1.5[5]	8.8	<1.5[5]			75.		-		-		
	02/25/15		23.40		50.91	27.51		2,600	<1.0[5]	<1.0[5]	4.7	<1.0[5]									
	05/28/15		25.47		50.91	25.44		2,300	< 0.50	< 0.50	5,3	0.66	< 0.50		-			-	881 865		
	08/12/15		26.71		50.91	24.20		4,800	<1.0[5]	<1.0[5]	13	1.5	<1.0[5]								
	11/18/15		27.50		50.91	23.41		2,300	<1.5[5]	<1.5[5]	6.7	<1.5[5]	<1.5[5]					-	22		-
	02/11/16		23.46		50.91	27.45		2,200	<2.0[5]	<2.0[5]	5.0	<2.0[5]	<2.0[5]							-	
	05/09/16		22.66		50.91	28.25		2,200	<1.0[5]	<1.0[5]	4.2	<1.0[5]	<1.0[5]						200	127	
	11/08/16		25.10		50.91	25.81		1,600	<1.5[5]	<1.5[5]	6.8	<1.5[5]	<1.5[5]						_	***	
	02/13/17		16.03		50.91	34.88		1,300	< 0.50	< 0.50	0.84	< 0.50	< 0.50						481	22	_
	05/02/17		17.73		50.91	33.18		939	< 0.50	< 0.50	2.76	0.79	< 0.50			-					
MW-15	10/27/14	27.75	27.91	0.16				71,000	140	2,500	2,700	10,800									
	02/25/15		23.63		51.54	27.91		60,000	200	6,000	2,700	12,900								22	
	05/28/15		26.92		51.54	24.62		80,000	310	7,900	2,300	11,400	<50[5]								
	08/12/15		27.05		51.54	24.49		38,000	110	1,700	1,200	4,000	<10[5]					-	••	12	
	11/18/15		27.86		51.54	23.68		72,000	190	5,700	2,200	10,900	<40[5]								_
	02/11/16		23.81	****	51.54	27.73		52,000	150	3,100	1,500	6,800	<20[5]					-	-		
	05/09/16		22.85		51.54	28.69		22,000	54	790	580	2,300	<10[5]							**	
	11/08/16		25.41		51.54	26.13		26,000	120	370	610	2,440	<20[5]							(22	
	02/13/17		15.87		51.54	35.67		17,000	110	720	730	2,750	<10[5]			77.0	125			<1.0	
	05/02/17		17.71		51.54	33.83		19,500	61.9	465	719	2,068	<10[5]			++0	142			<1.0	~-

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (μg/L)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)					1,2-DCA (μg/L)	EDB (μg/L)	Hexavalent Chromium (µg/L)	Lead (Pb) (µg/L)
141	04/06/96		-		48.76			<50	< 0.5	<0.5	<0.5	<0.5			-			-			
Farrelly	10/02/99			-	48.76			<50	< 0.5	< 0.5	< 0.5	< 0.5						-			
	03/18/00		17.9		48.76	30.86		<50	< 0.5	< 0.5	< 0.5	< 0.5						100			
	07/13/00			-	48.76		***	< 50	< 0.5	< 0.5	< 0.5	< 0.5			-			-			
	09/26/00		24.66		48.76	24.10		< 50	< 0.5	< 0.5	< 0.5	< 0.5		_				188.0			
	12/29/00	220			48.76	_	35	<50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0 [3]	<20	<5.0	<5.0	<5.0	< 5.0	< 5.0		<5.0
	03/20/01	***	-		48.76		-						<5.0 [3]	<20	<5.0	< 5.0	<5.0	< 5.0	< 5.0		< 5.0
	03/30/01		22.25		48.76	26.51								_	990	-	-			921	522
	12/21/01			(99)	48.76			<50	< 0.5	< 0.5	< 0.5	< 0.5			77.		127				
	09/30/02		25.34		48.76	23.42		< 50	< 0.5	< 0.5	< 0.5	<1.0			**	44				_	1/22
	12/21/02		20.07		48.76	28.69		<50	< 0.5	< 0.5	< 0.5	<1.0			-	9.55					
	06/19/03		23.55	-	48.76	25.21		<50	< 0.5	<0.5	< 0.5	<1.0									-
	09/14/04		26.12		48.76	22.64		< 50	< 0.5	< 0.5	< 0.5	<1.0							**	**	
	03/16/07		22.28	_ 	48.76	26.48		< 50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0						444	227	
	09/14/07		25.98		48.76	22.78		< 50	< 0.5	< 0.5	<0.5	< 0.5	< 5.0				•-	0.00	960		
	03/12/08				48.76											***		1522			
	06/11/08				48.76												-			443	44
	09/05/08		26.48		48.76	22.28		< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0								
	12/13/08		27.2		48.76	21.56		< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0						**		
	03/14/09			177	48.76																
	06/03/09		25.83		48.76	22.93		< 50	< 0.5	< 0.5	< 0.5	< 0.5	<5.0								
	12/07/09	-		888	48.76																
	03/15/10			in a	48.76			< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50							223	
	09/13/10			177	48.76		266	< 50	< 0.50	< 0.50	< 0.50	< 0.50						<1.0	< 2.0		< 5.0
	03/01/11			**	48.76														2.0		
	09/08/11		24.50		48.76	24.26		< 50	< 0.50	< 0.50	< 0.50	< 0.50						-		-	
	03/06/12		25.57		48.76	23.19		<50	< 0.50	< 0.50	< 0.50	< 0.50						_		-	
	07/11/12				48.76			< 50	< 0.50	< 0.50	< 0.50	< 0.50							-		
	03/05/13				48.76	1		< 50	< 0.50	< 0.50	< 0.50	< 0.50								421	
	09/09/13				48.76				-							102	522				
	03/11/14			-	48.76															100	
	09/03/14		-		48.76											7.22	-				•
	02/25/15	440	***		48.76	941		<50	< 0.50	< 0.50	< 0.50	< 0.50				250				961 946	1000
	05/28/15				48.76	375		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			022	42			***	
	08/12/15	+-	+60		48.76	22		< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50							220 220	1000
	11/18/15		220	-	48.76	355		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			722			~~	***	
	02/11/16											Owner Uni	responsive -	Well No	t Sample	d					
	05/09/16		23.67	***	48.76	25.09		<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50							***	
	11/08/16				48.76			<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						92	654 ••	
	02/13/17	-		-	48.76			<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50								
	05/02/17	***			48.76			< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50				_	724	1151 1445		

TABLE 2 GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY

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

Well Number	Date Collected	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Thickness (feet)	Top of Casing Elevation (ft msl)	Groudwater Elevation (ft msl)	DRO (µg/L)	GRO[1] (μg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (μg/L)	TBA (μg/L)	DIPE (µg/L)			1,2-DCA (μg/L)	EDB (µg/L)	Hexavalent Chromium (µg/L)	Lead (Pb) (μg/L)
Legend/Key:								Analytical M	ethods:												
GRO ≃ Gasoline	e Range Organie	s C4-C13						GRO analyzed	I according to E	PA Method 80	15B										
MTBE = Methy	l tertiary butyl e	ther						BTEX and M	TBE analyzed a	eccording to EP	A Method 802	0/8021B prior t	o 2010								
TBA = Tertiary	butyl alcohol								2010, BTEX, N					ethod 8260	B						
DIPE = Di-isopi	ropyl ether									,,-	,,		,		_						
ETBE = Ethyl to	ertiary butyl ethe	tr .						Laboratory (Dualifiers/Flag	s/Notes:											
TAME = Tertia	ry amyl methyl e	ther							rted as Total Pe		earhons as Gase	dine (TPHa) pr	or to 2010								
1,2-DCA = 1,2-	Dichloroethane																				
EDB = 1,2-Dib	romoethane							this laboratory	result	rate. secona Q	uarter 1996 Er	ivironmental A	ctivities Repoi	1, dated Au	gust 8, 199	6 by Envi	ronmental	Testing & Ma	anagement o	casts doubt on the	validity of
- = not measure	ed, not analyzed,	or not availab	le						MTBE results	listed the first i	6 by EPA 8020	/8021 and cace	nd in confirm	stion by 926	0 IFL		L				
ft msl = feet abo	ve mean sea lev	el							results by EPA								by 8200.				
µg/L = microgr	ams per liter								limits were incr					ciii wiicii ai	alyzed by	8200.					
									entration may i					te in the DR	O range						
Analytical data p	present here prio	r to first quart	er 2010 provid	ed by Groundw	ater Cleaners, In-	. Stratus has not rev	iewed labora	tory reports and	makes no repr	esentations rega	arding accuracy	of these data.			o rango.						
All site wells we												duta.									

TABLE 3
Ozone Injection System --- Summary of Field Data
German Autocraft, 301 E. 14th Street, San Leandro, California

Well		Number of Days	Depth to	Depth to		DO	Specific	Temp.	ORP
Number	Date	Since System	Water	Free Product	pН	(mg/L)	Conductivity	(°C)	(mV)
		Start-up	(ft bgs)	(ft bgs)		<u> </u>	(μS/cm)		
MW-2	05/09/16	Baseline	23.98		6.97	2.88	213.6	17.9	-9.5
	11/08/16	0	26.23		6.49	0.40	101.5	18.4	-12.2
	12/01/16	23	26.12		6.62	1.33	329.1	18.3	10.2
	01/09/17	62	23.20		6.69	0.90	534.5	19.1	2.9
	02/06/17	90	19.47		6.54	1.50	498.6	19.6	17.6
	03/06/17	118	16.58		7.01	1.70	303.2	19.3	-20.3
MW-3	05/09/16	Baseline	23.18		7.19	2.76	1.59	16.2	-4.2
	11/08/16	0	25.48		6.41	0.89	109.7	19.8	-3.4
	12/01/16	23	25.34		6.50	1.34	432.0	18.4	16.8
	01/09/17	62	22.37		6.67	1.61	482.9	18.8	4.7
	02/06/17	90	18.67		6.72	1.35	242.1	18.6	8.7
	03/06/17	118	16.01		7.24	2.90	100.9	17.8	-26.9
MW-9	05/09/16	Baseline	23.03		7.47	3.05	216.4	19.2	-20.2
	11/08/16	0	25.50		6.71	0.61	152.2	19.7	-30.1
	12/01/16	23	25.42		6.74	0.80	488.6	18.6	2.7
	01/09/17	62	22.10	**	6.92	1.40	542.3	18.7	-9.8
	02/06/17	90	18.48		7.15	1.50	374.9	19.2	-18.4
	03/06/17	118	16.18		6.97	2.60	314.0	18.8	-13.0
MW-15	05/09/16	Baseline	22.85		7.22	2.39	294.7	18.5	-49.0
	11/08/16	0	25.41		6.67	1.58	116.9	19.5	-60.0
	12/01/16	23	25.33	-	6.54	1.47	445.5	19.0	14.7
	01/09/17	62	22.08		6.65	1.60	593.9	19.7	3.0
	02/06/17	90	18.31		6.69	1.80	507.2	20.3	6.6
	03/06/17	118	15.54		6.88	1.50	311.8	20.4	-10.0
	01/09/17 02/06/17	62 90	22.08 18.31		6.65 6.69	1.60 1.80	593.9 507.2	19.7 20.3	

Legend:

ft bgs = feet below ground surface

DO = dissolved oxygen

mg/L = milligrams per liter

Temp. = temperature

°C = degrees Celsius

Note:

Temp., pH, specific conductivity, and ORP measurements recorded without purging.

 μ S/cm = microSiemens per centimeter ORP = oxidation reduction potential

mV = millivolts

TABLE 4

Ozone Injection System --- Summary of Groundwater Analytical Data (Fuel Contaminants)

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

Well No.	Date	Sample Timing (days elapsed since startup)	DRO (μg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethylbenzene (μg/L)	Total Xylenes (μg/L)	MTBE (μg/L)
MW-2	05/09/16	Baseline	470[1]	8,900	<4.0[2]	<4.0[2]	170	42	<4.0[2]
	11/08/16	0		17,000	<5.0[2]	<5.0[2]	160	56	<5.0[2]
	02/13/17	97		1,600	< 0.50	< 0.50	5.1	1.7	< 0.50
	05/02/17	147*		1,230	0.59	1.53	6.3	0.9	< 0.50
MW-3	05/09/16	Baseline	< 50	320	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	11/08/16	0		290	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	02/13/17	97		180	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	05/02/17	147*		452	14.6	0.59	17.5	2.32	< 0.50
MW-9	05/09/16	Baseline	74[1]	4,000	3.5	<1.5[2]	2.8	<1.5[2]	<1.5[2]
	11/08/16	0		5,300	26	2.7	9.5	3.3	<2.5[2]
	02/13/17	97		3,800	63	2.3	4.7	1.9	<1.0[2]
	05/02/17	147*		2,820	8.5	2.2	3.6	1.0	<1.0[2]
MW-15	05/09/16	Baseline		22,000	54	790	580	2,300	<10[2]
	11/08/16	0		26,000	120	370	610	2,440	<20[2]
	02/13/17	97		17,000	110	720	730	2,750	<10[2]
	05/02/17	147*		19,500	61.9	465	719	2,068	<10[2]

Legend:

μg/L = micrograms per liter

-- = not analyzed

GRO by EPA Method SW8015B/SW8260B (Alpha Analytical)

BTEX, MTBE by EPA Method SW8260B (Alpha Analytical)

Analytical Methods and Laboratories:

GRO = gasoline range organics (C4-C13) MTBE = methyl tert butyl ether

Notes:

^{-- =} not analyzed

^[1] DRO concentrations may include contributions from lighter-end hydrocarbons that elute in the DRO range.

^[2] Reporting Limits were increased due to high concentrations of target analytes.

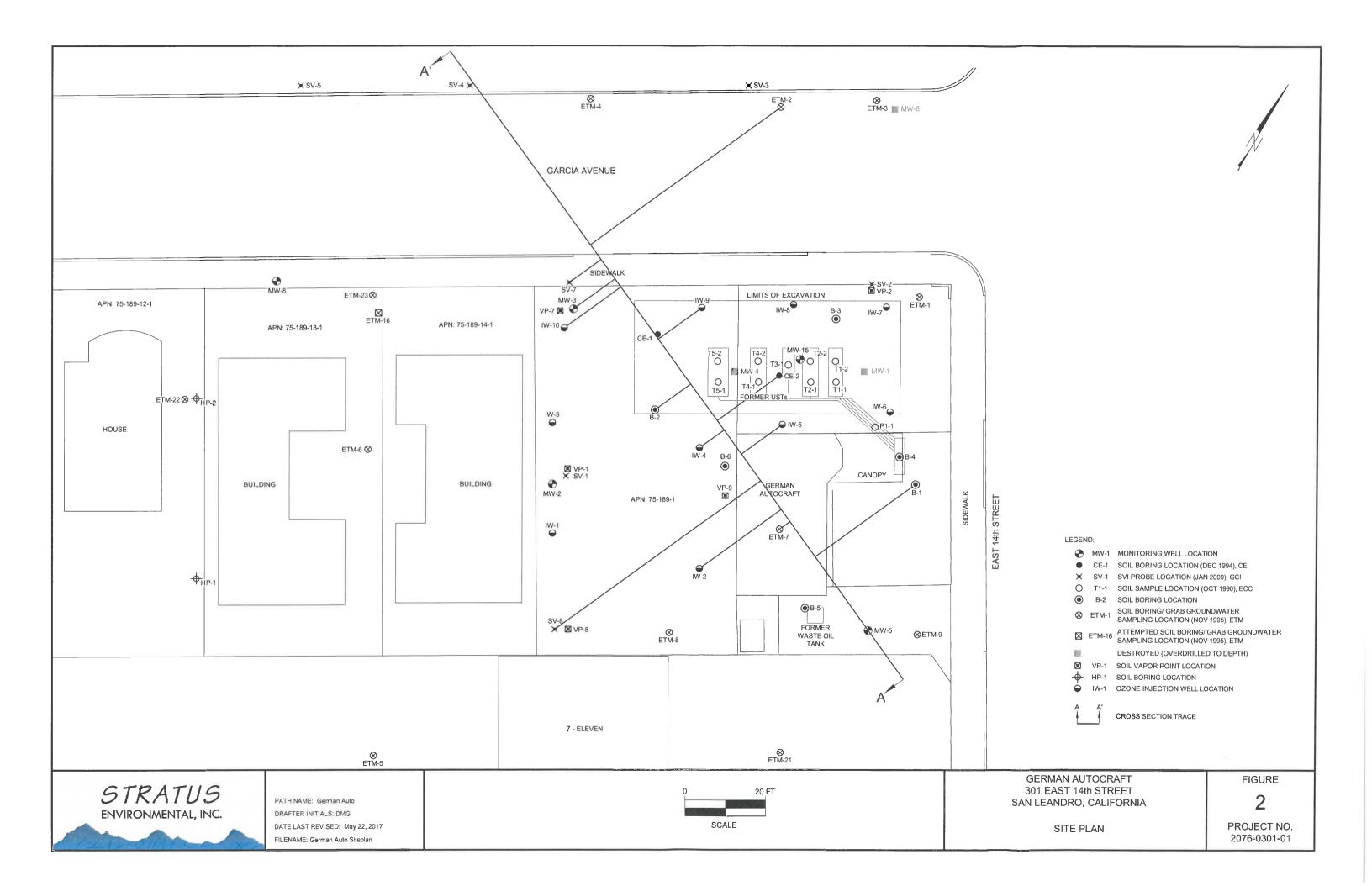
^{*} Ozone Injection Pilot Testing discontinued on April 4, 2017.



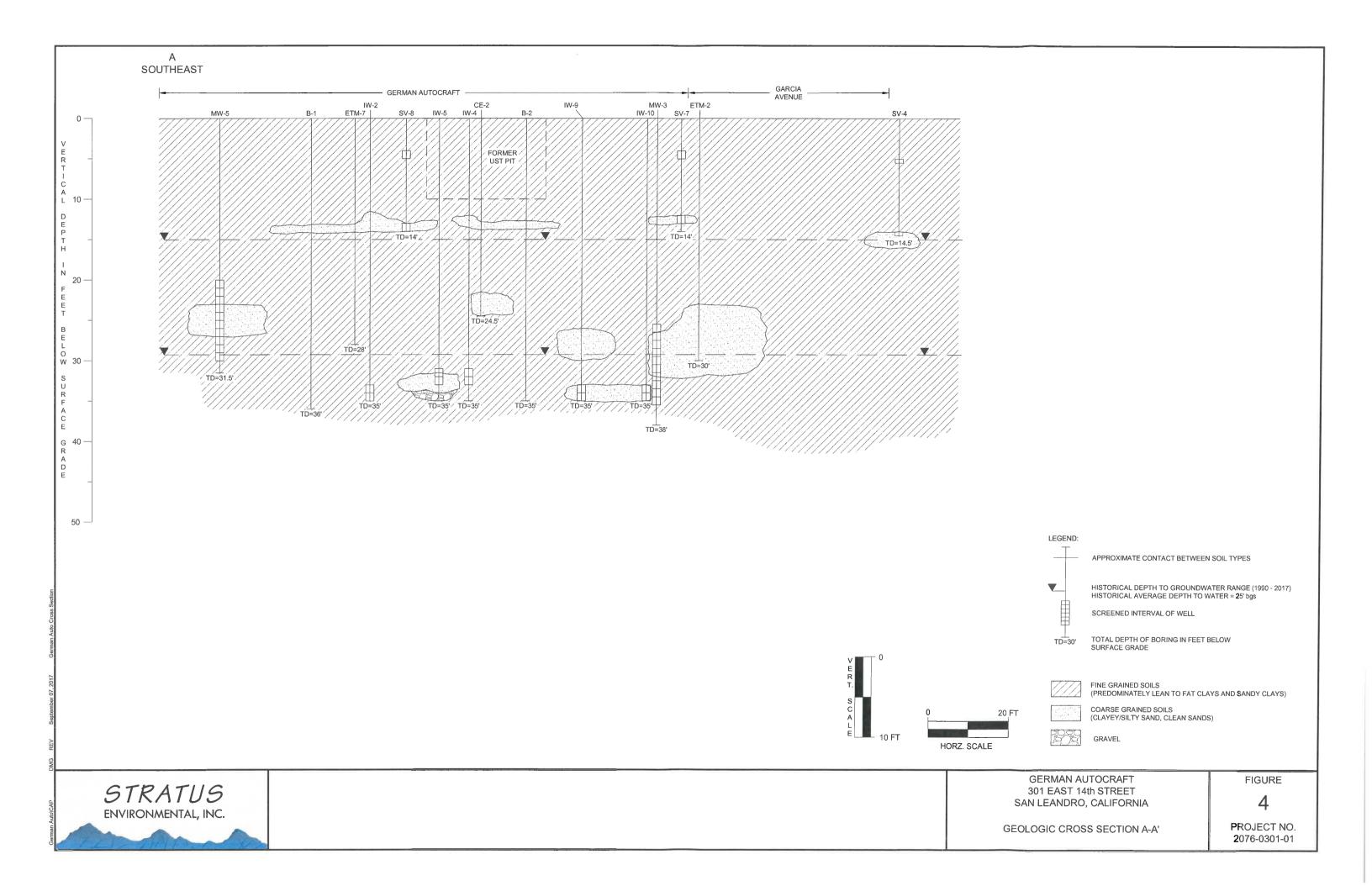
SITE LOCATION MAP

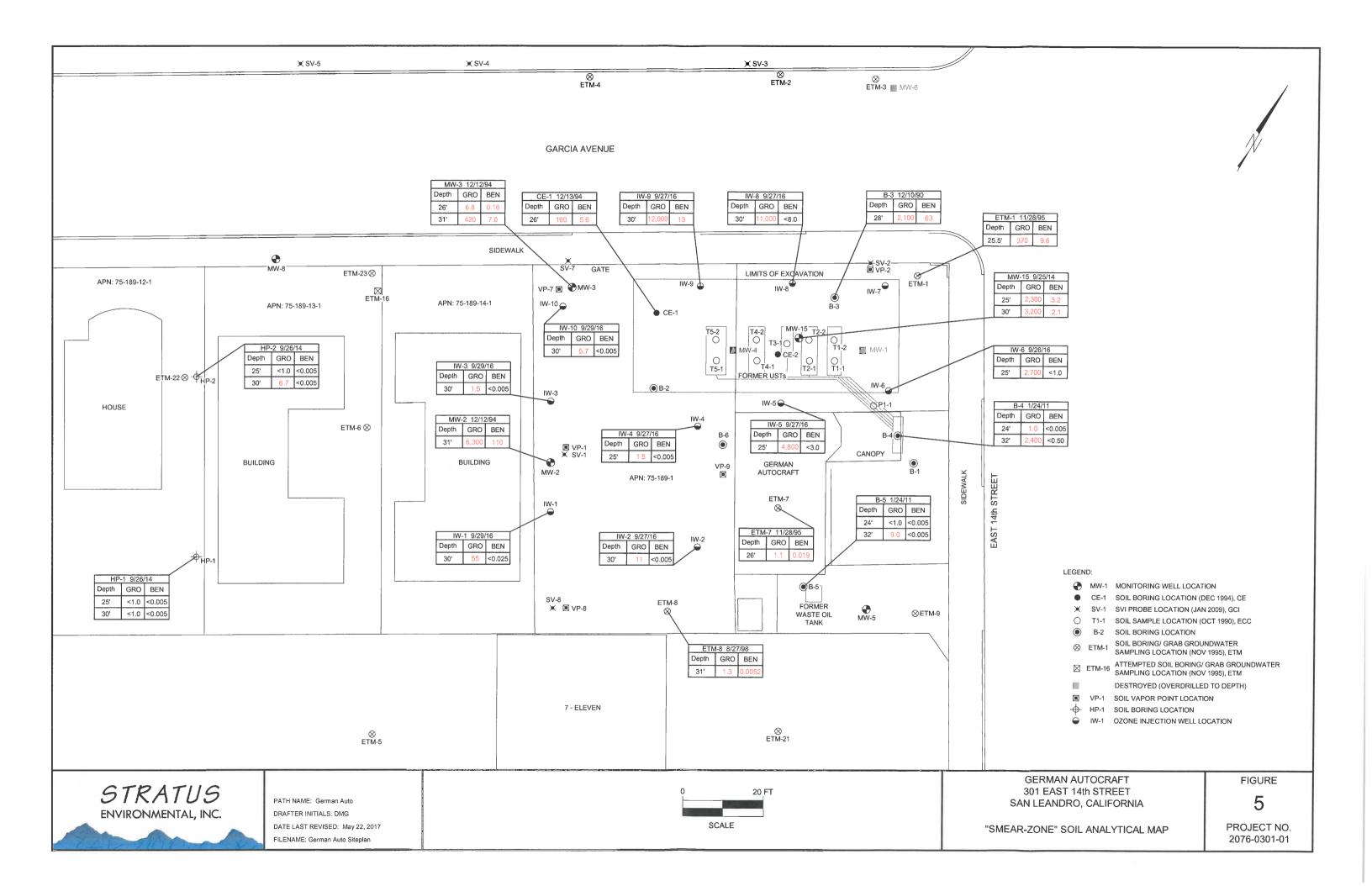
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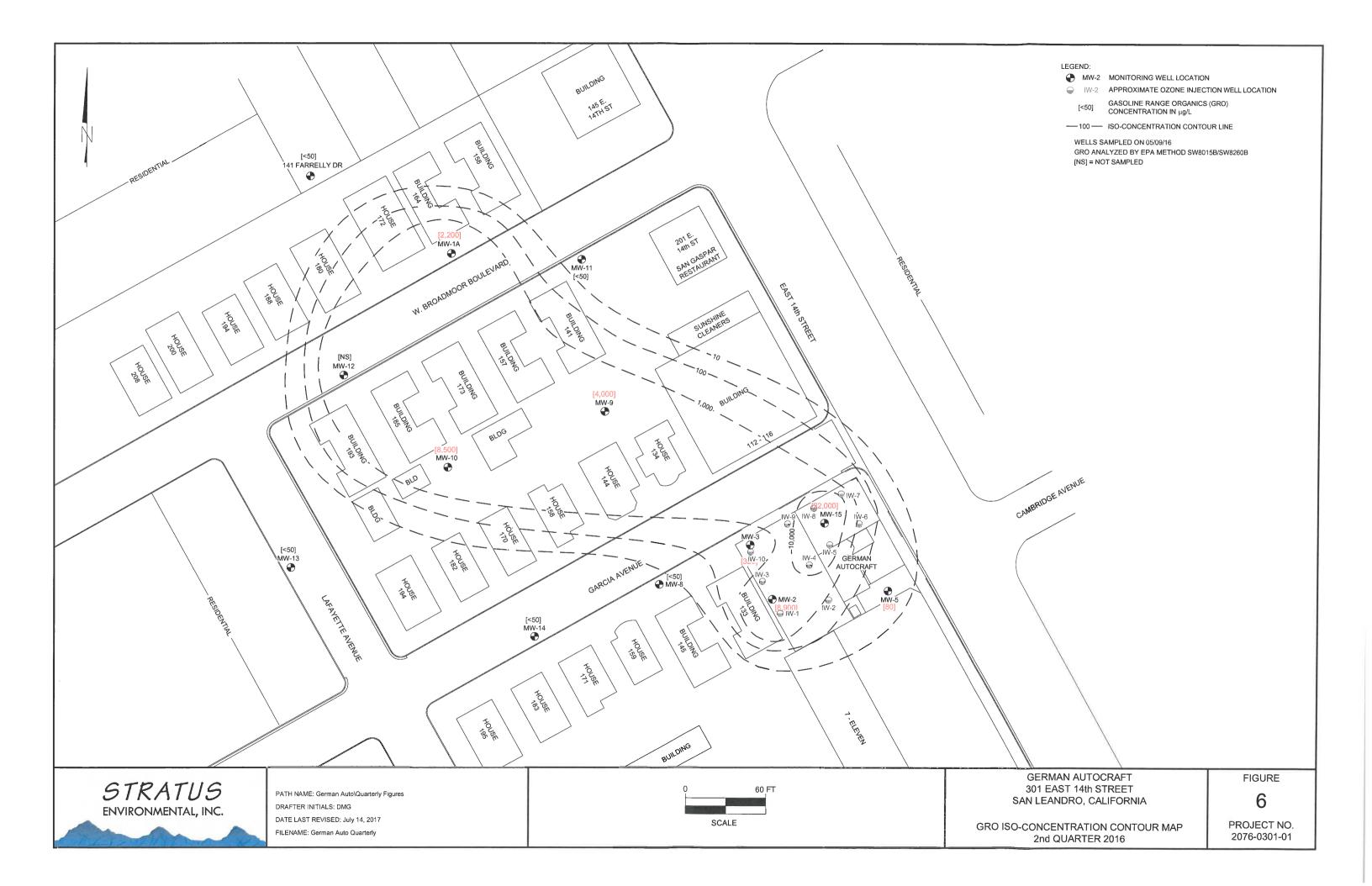
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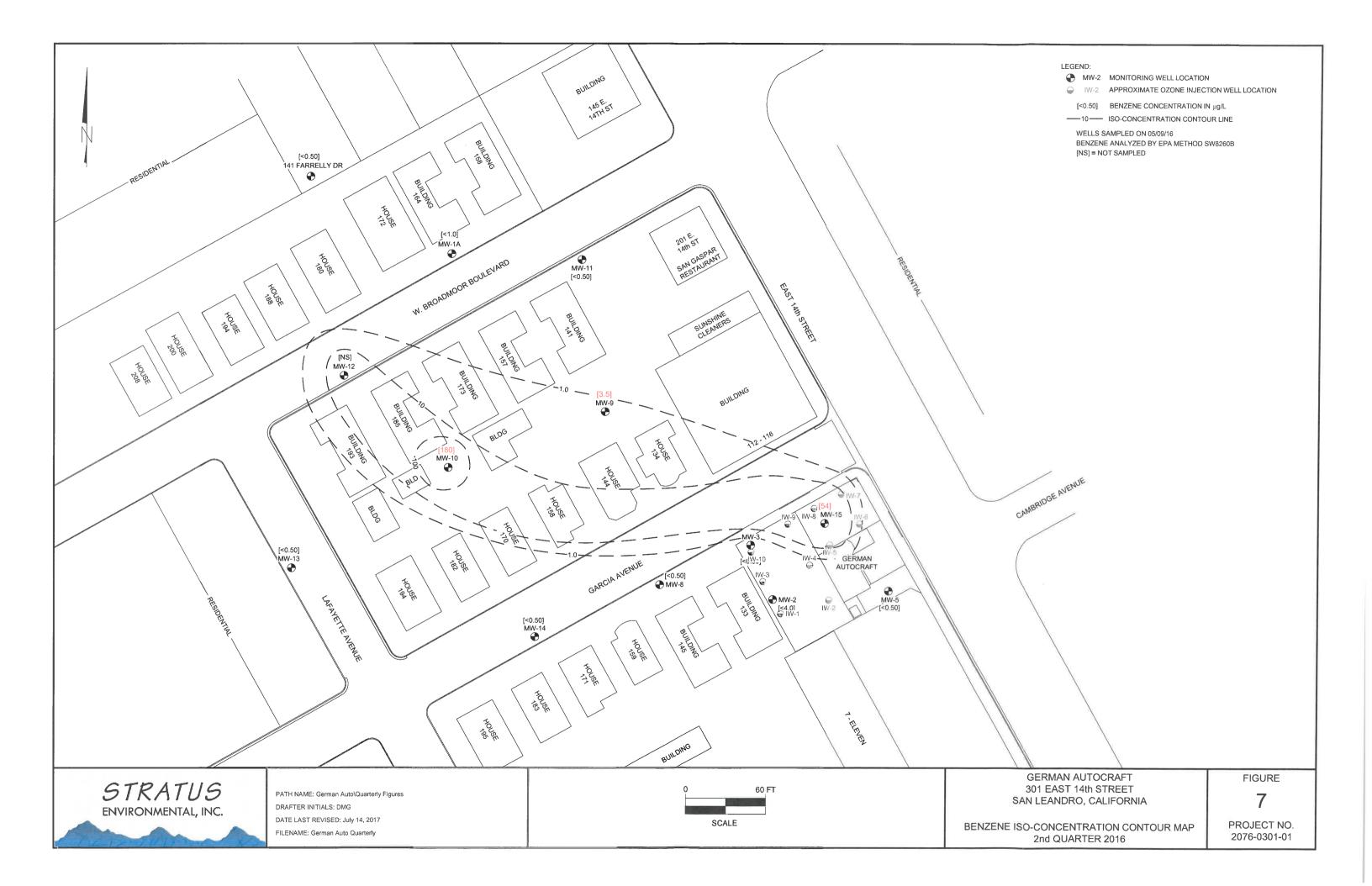


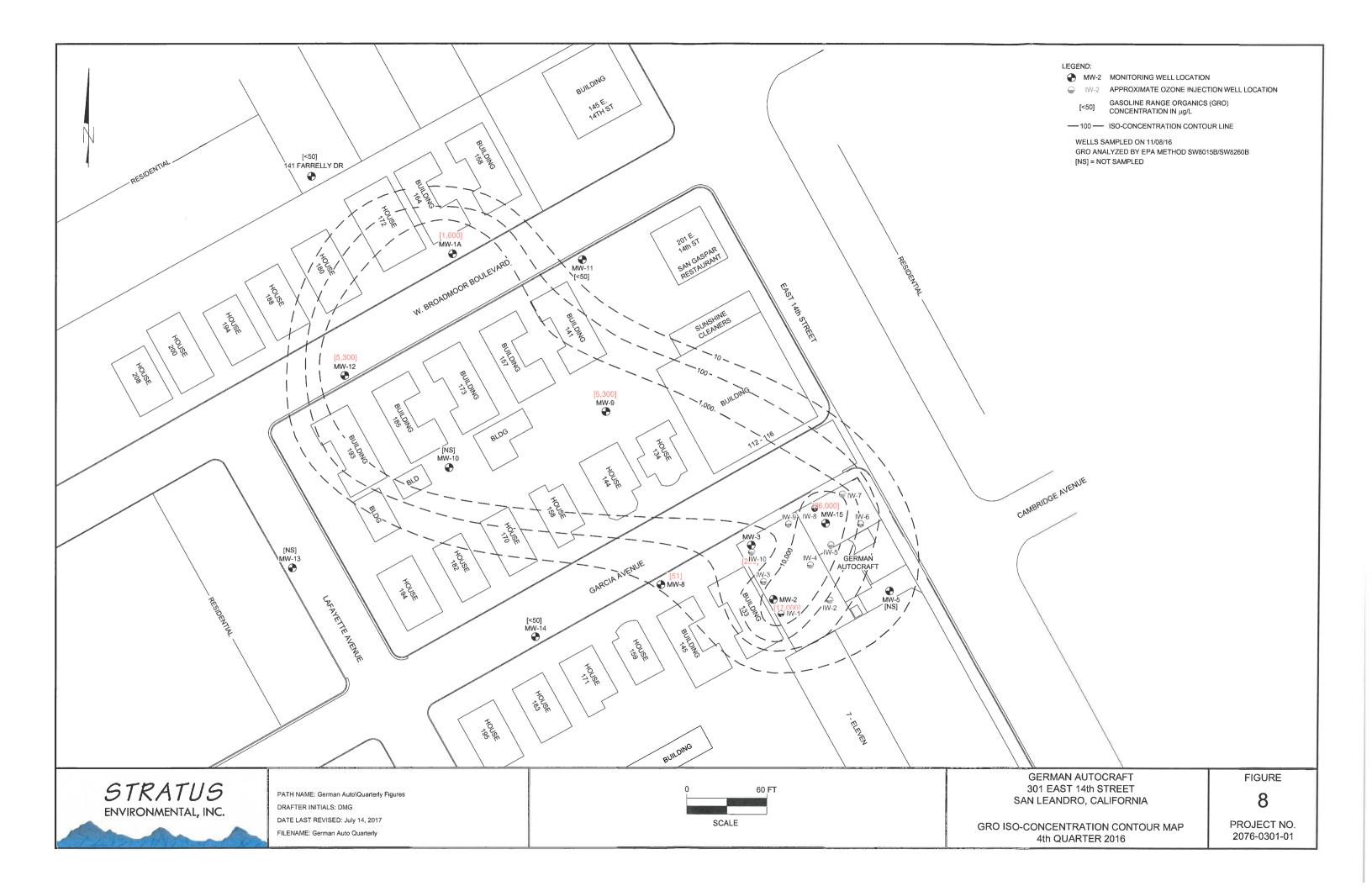


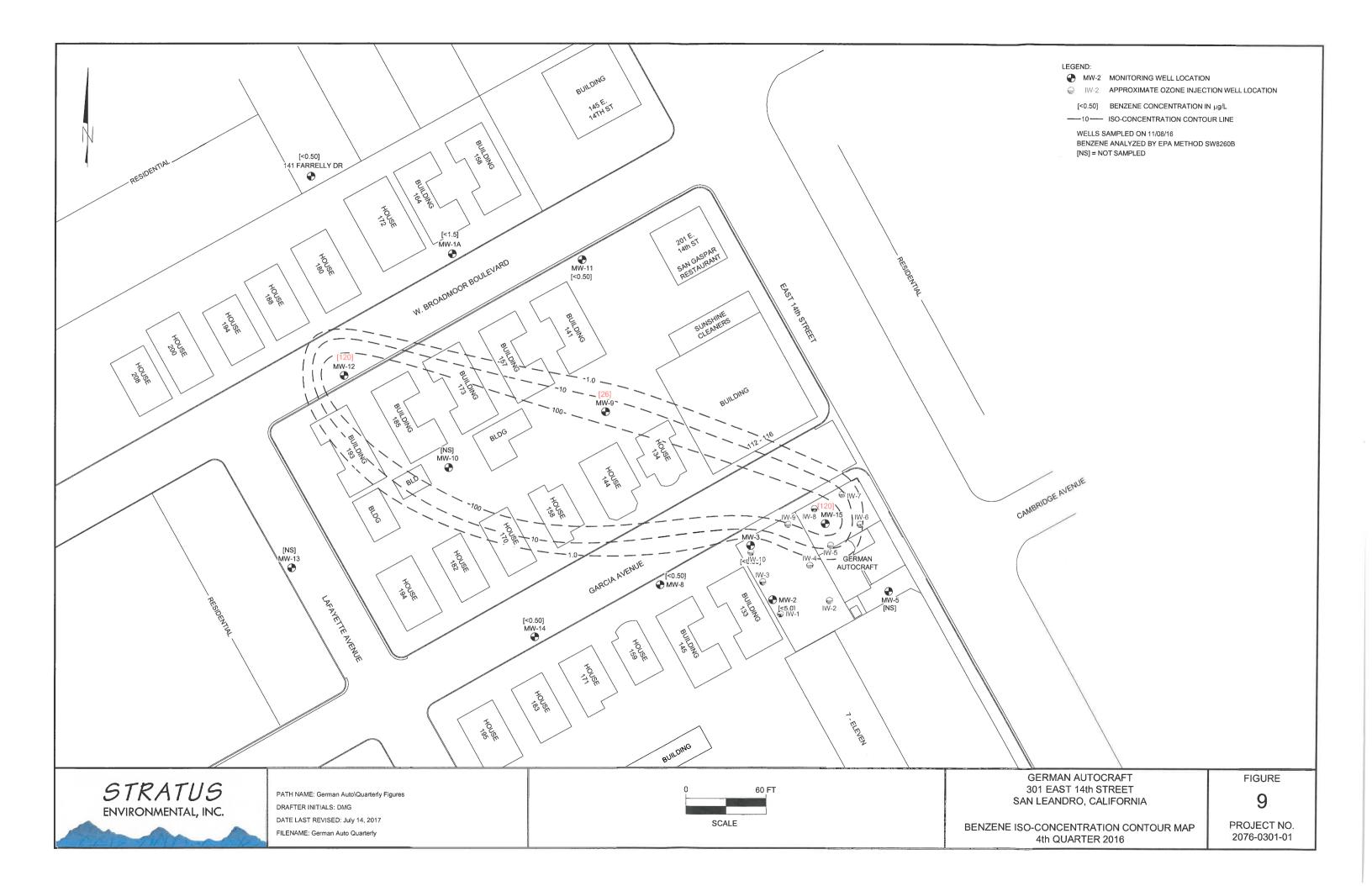


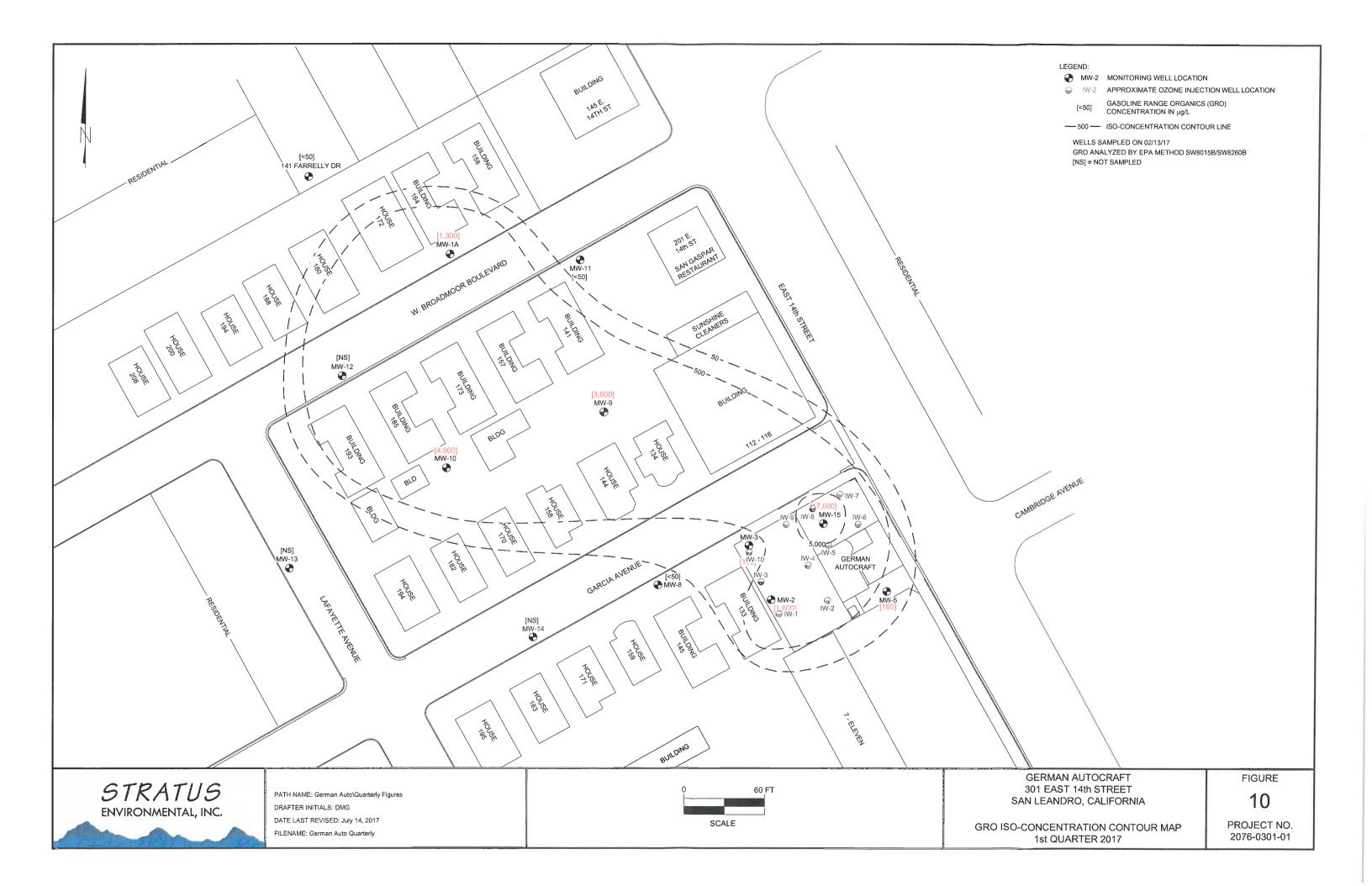


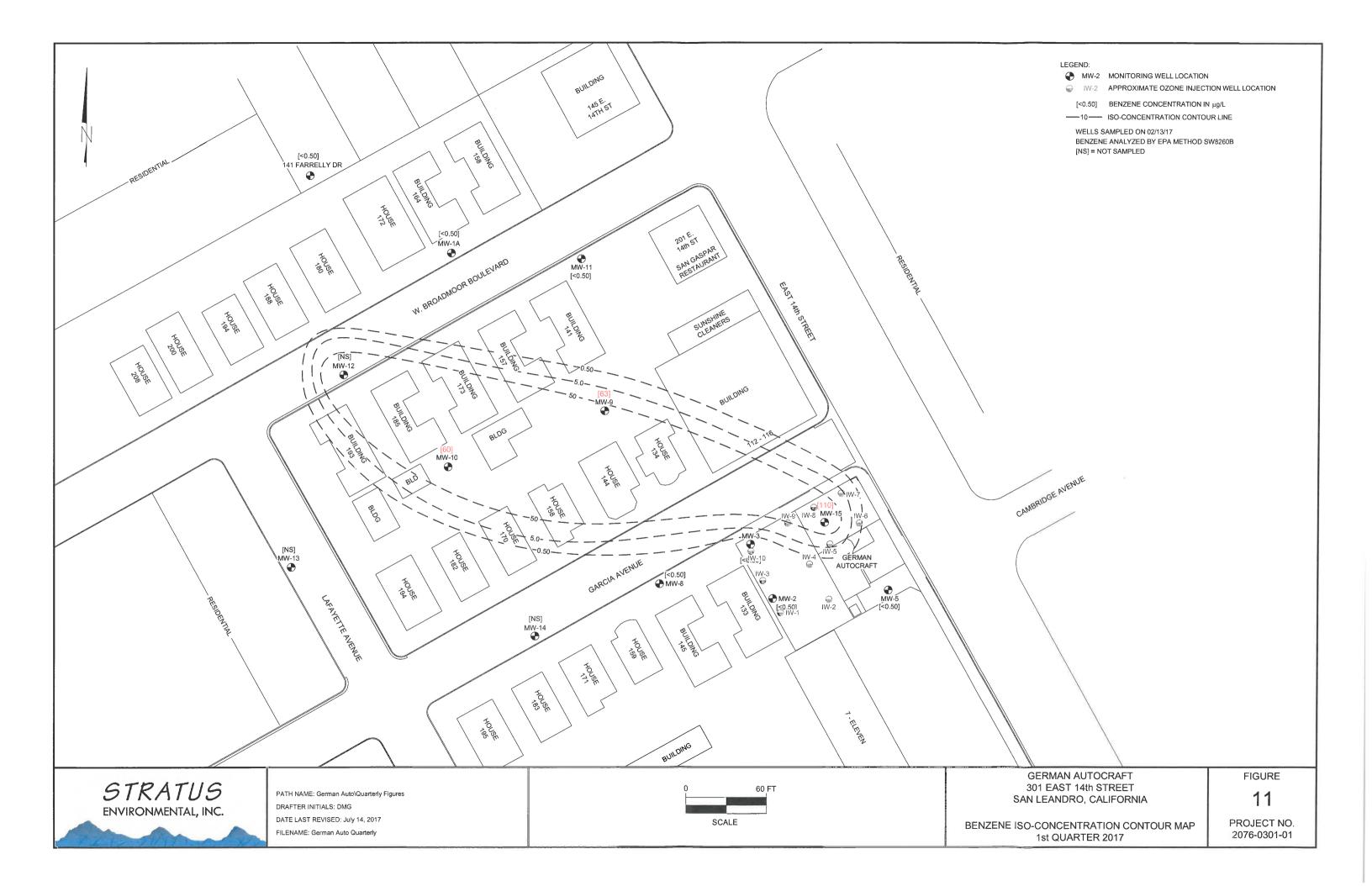


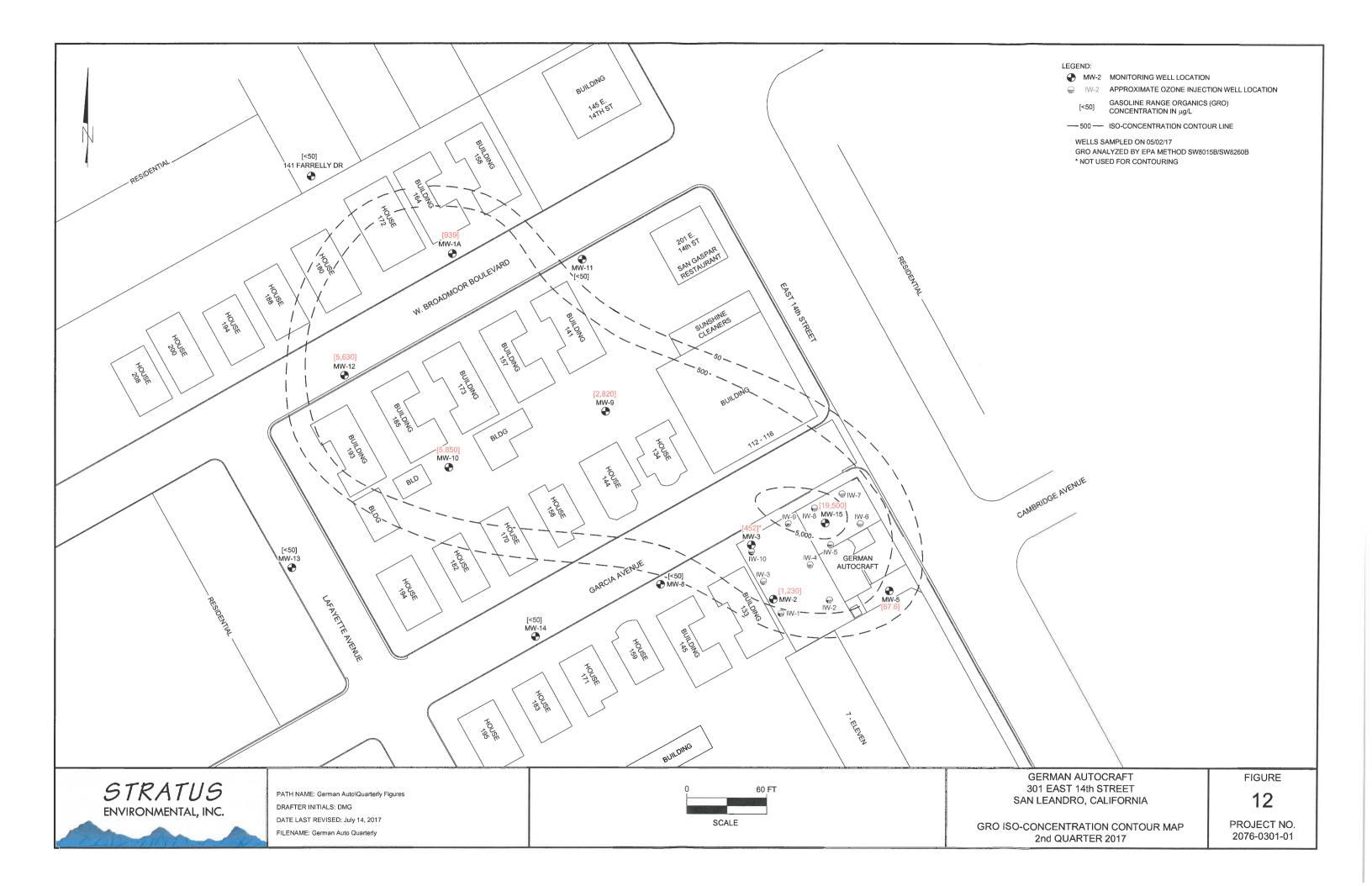


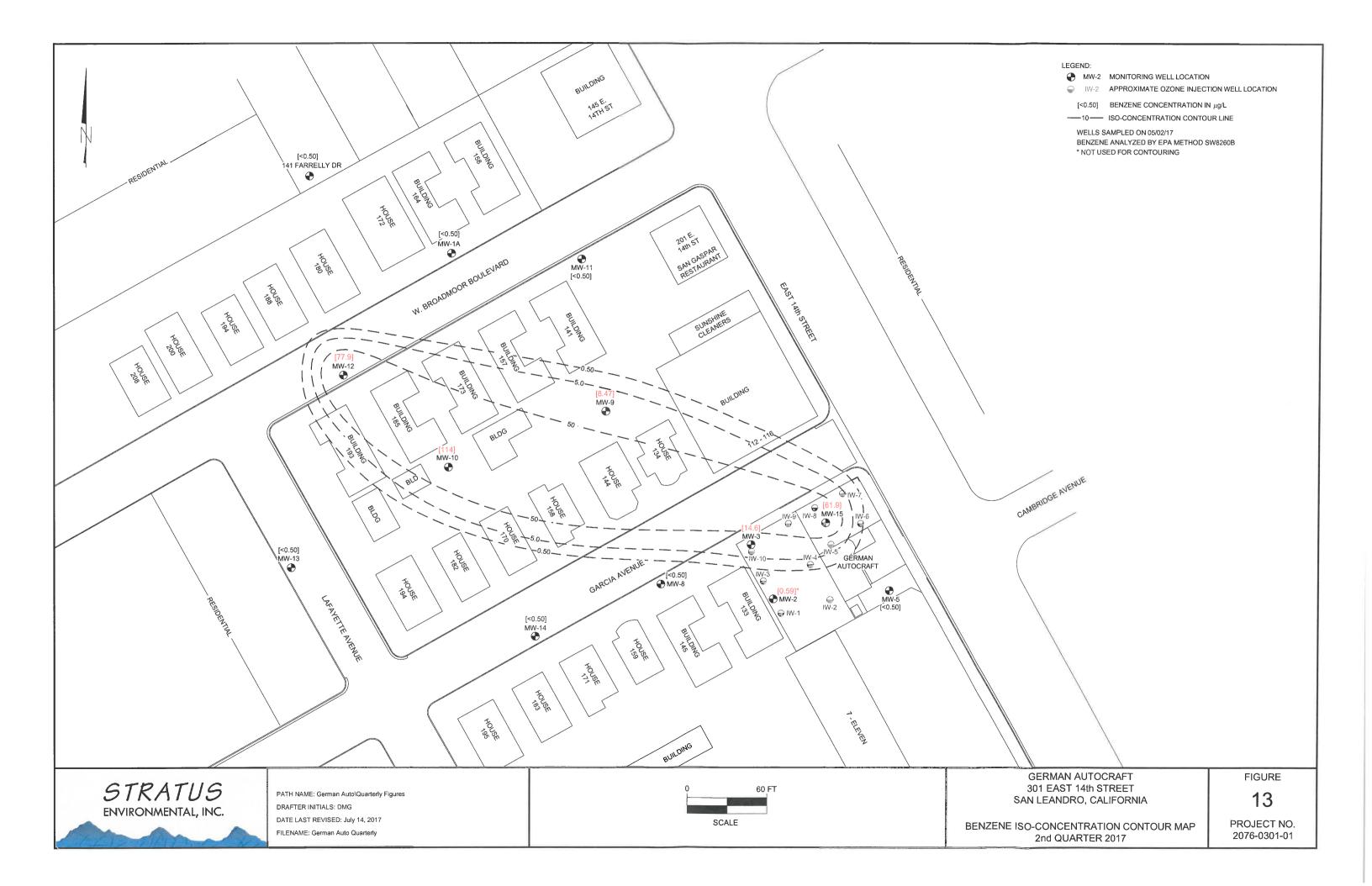




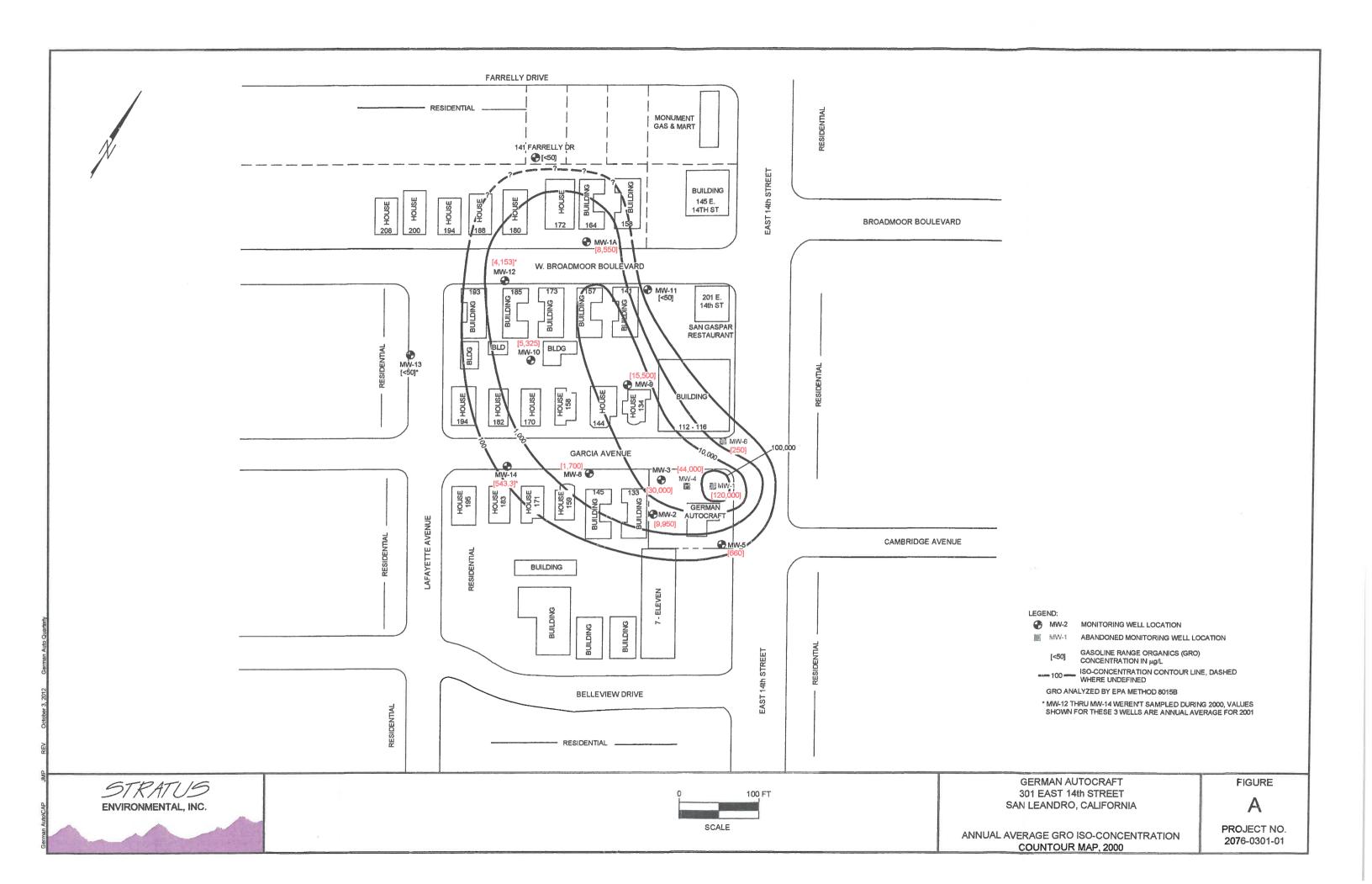


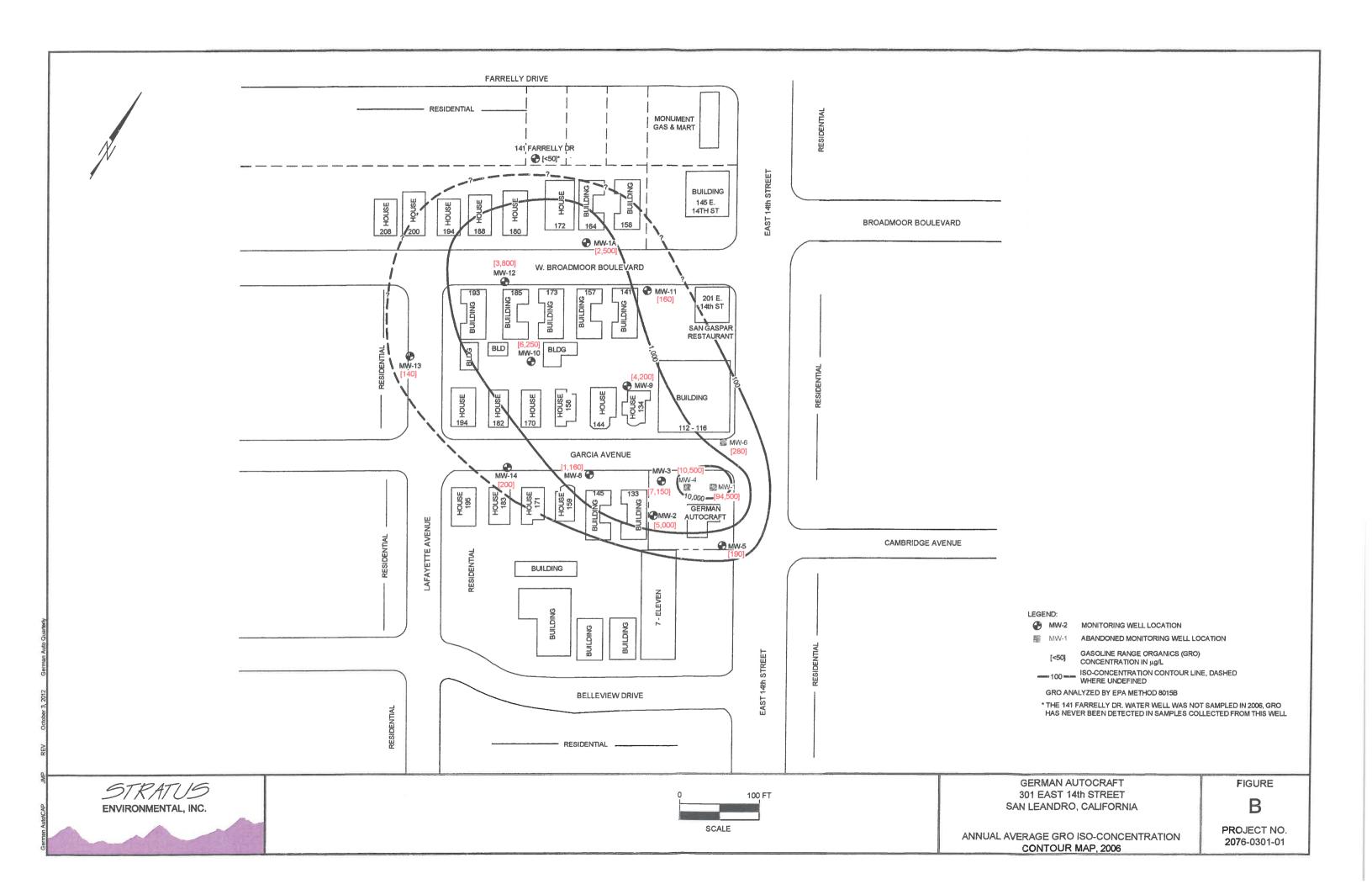


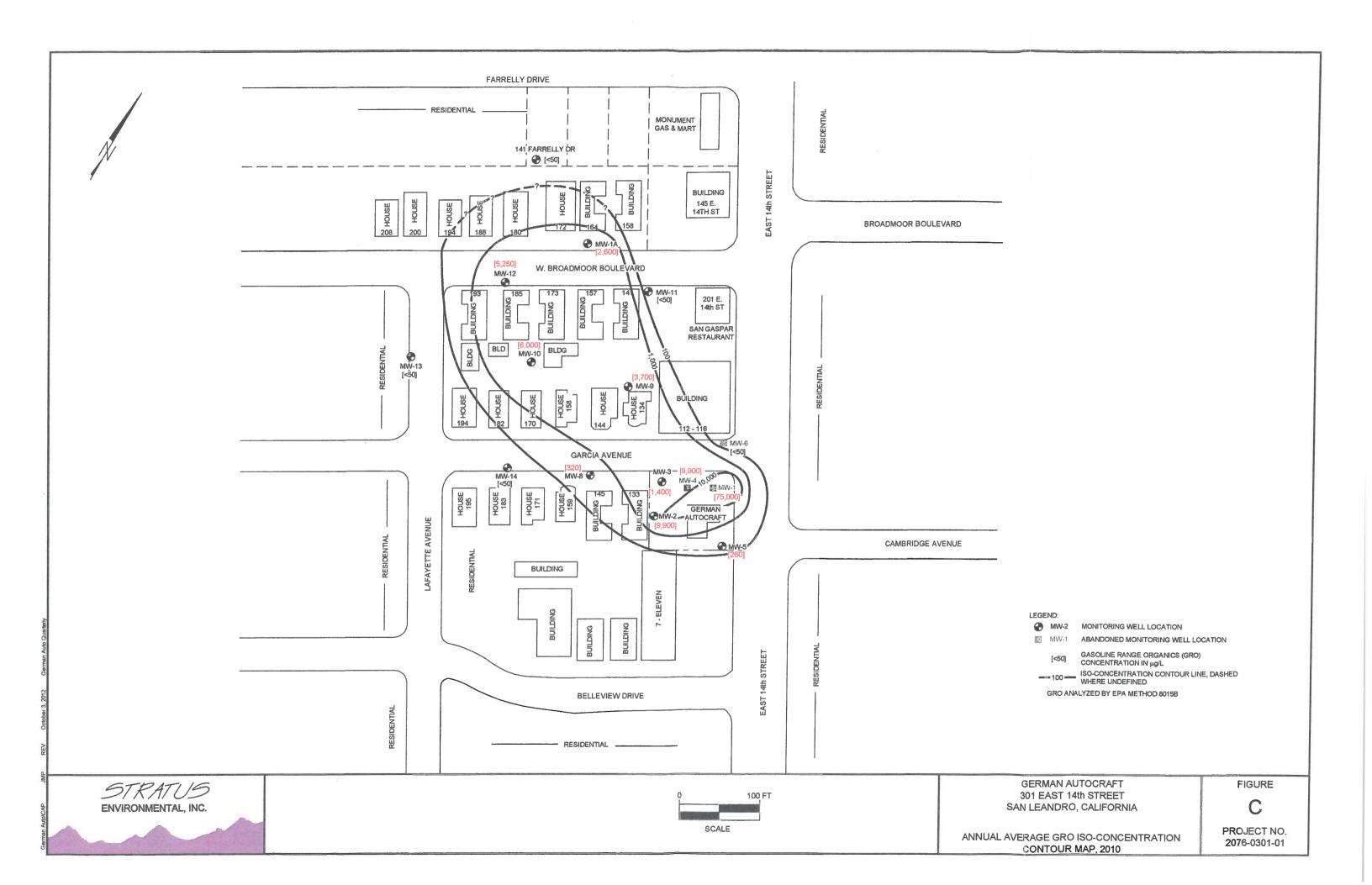


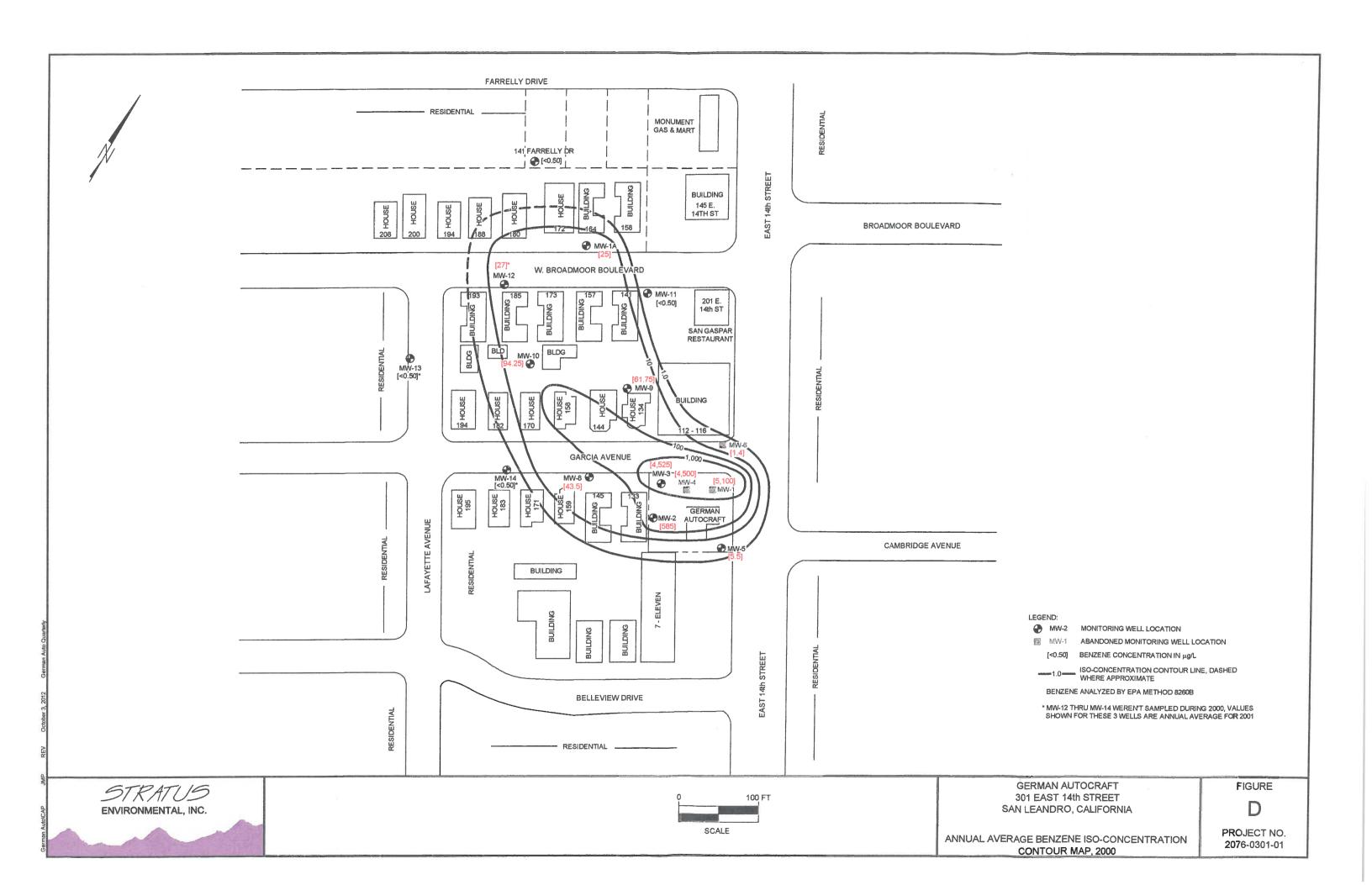


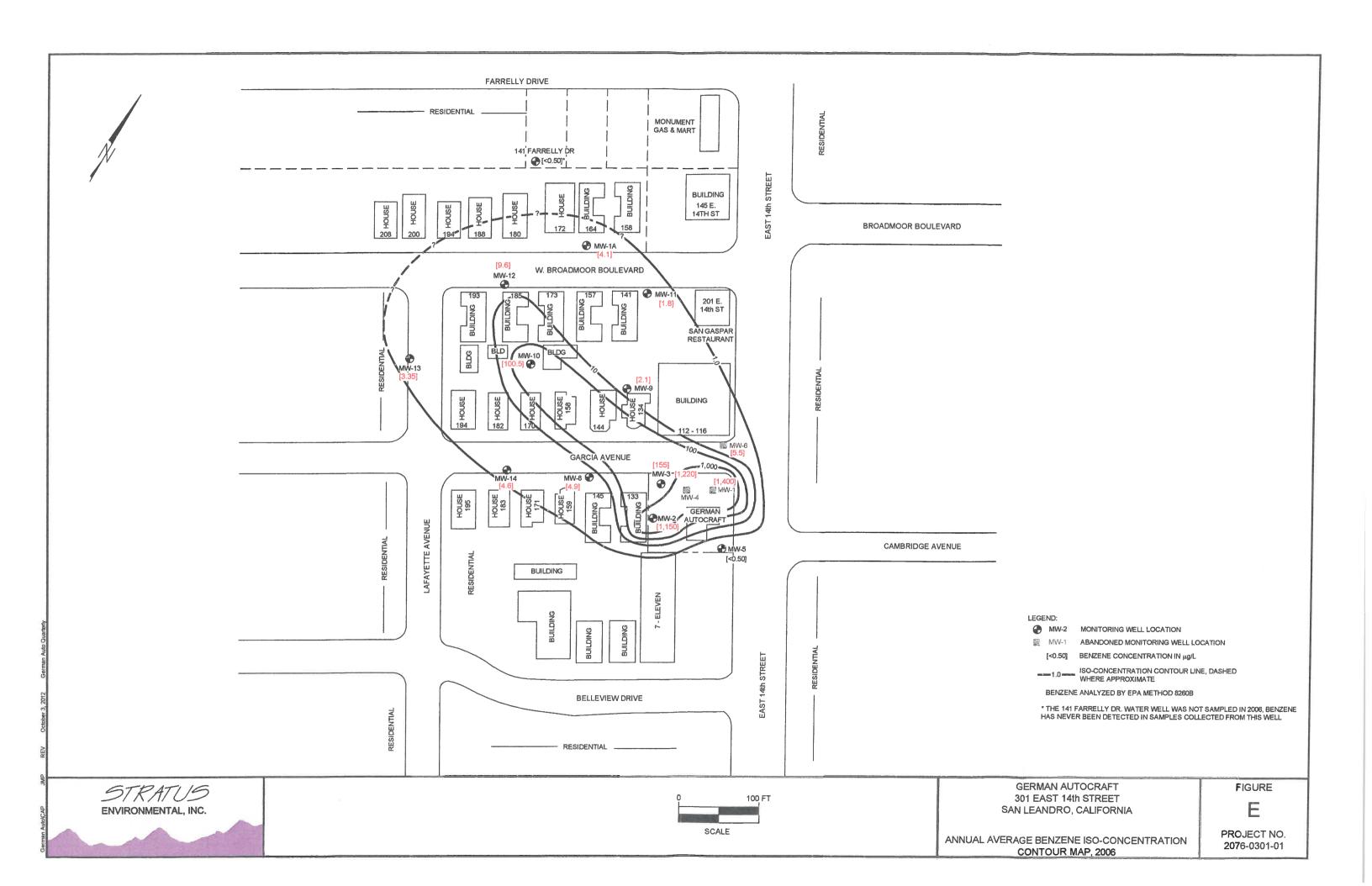
APPENDIX A

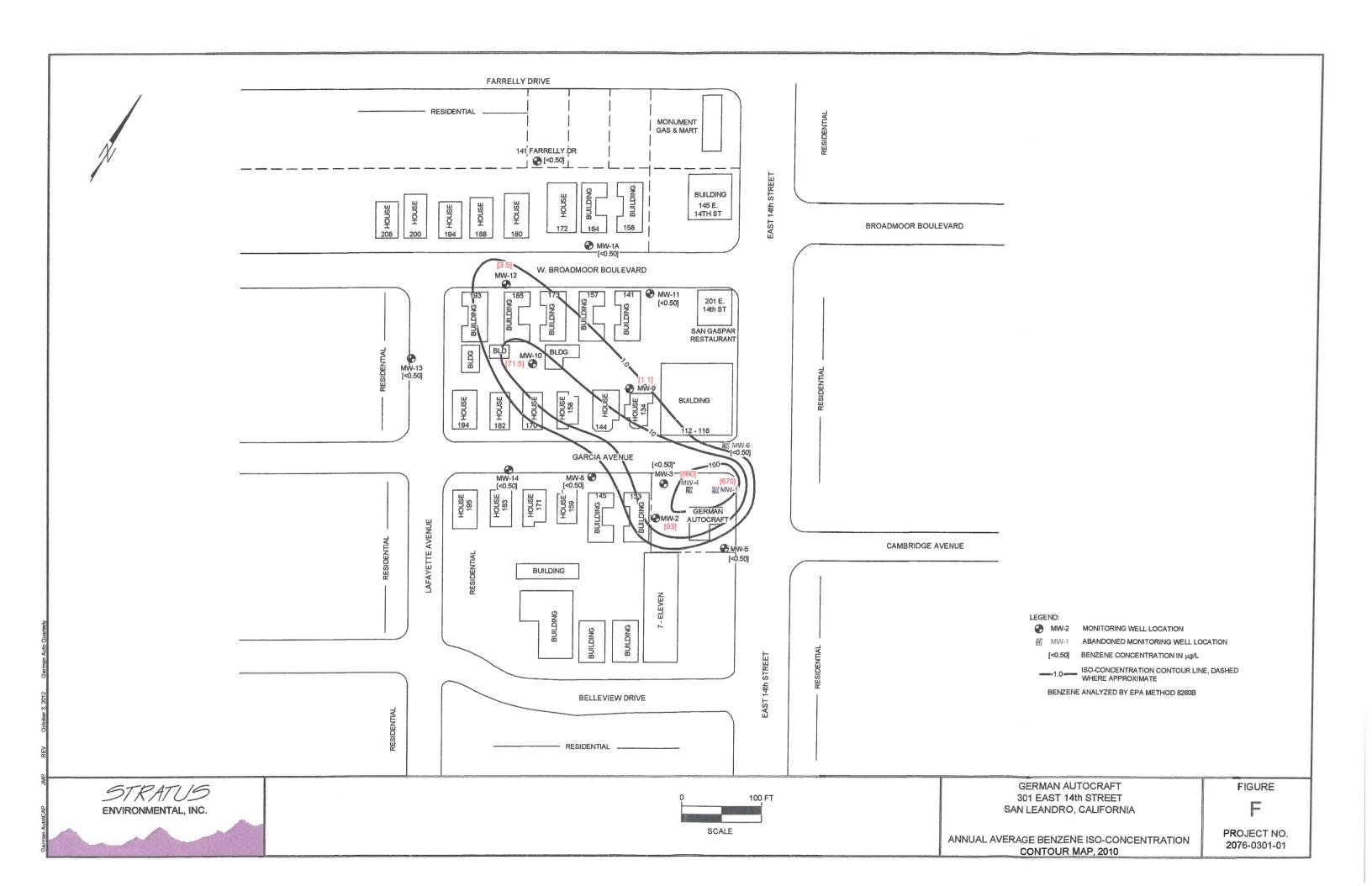












APPENDIX B

German Auto

				301 E.	14th St. ro, California	1		No. is a second
Date: //	-8-16		* ×.			CHILL		CIMA
Arrival Time:	1771	10				itions: Clm		
Departure Tim	e: 124	14	_ ^	9	Ambient Temp			
quipment Ma	nufacturer / M	Iodel No.:	<u> </u>		T			
Zone (O ₃) In	jection Syster	m	10					
		or ozone injection	= 10					
	Upon Arrival:			tional	Non-Op	perational		
	Jpon Departur	re:	Opera	tional	Non-Op	perational	- SH	
3 Hour Meter			6.		Oxygen flow ra	te	50011	_
jection Pressu	ire: ±(97	2)		Air + ozone flov	te $\frac{18}{34}$	CFM	_
		Fi	eld Measuren	nents (Monthly				
Well ID	Time	DTW	pН	DO	Conductivity	Temperature	ORP	
MW-2		feet bgs	units	mg/L	μsiemen/cm	deg C	mV	
MW-3								
MW-5	Seo	DM						
MW-15								
141 W = 15								
Valve #	Well ID	Injection Duration (hours)	Valve #	Well ID	Injection Duration (hours)MA			
	IW-1	30 Min	7	IW-7	30			
2	IW-2	30	8	IW-8	30			
3	IW-3	30	9	IW-9	30			
4	IW-4	30	10	IW-10	30			
2	IW-5	31						
6	IW-6	30 min						
/Comments:								
ct samples fro	om wells MW-	-2, MW-3, and MW	/-15 quarterly.	for analysis of C	GRO, BTEX, and he	varialant ahuami		
her wells sam	pled semi-ann	nually			and it	Advarent enrorman	1	
	y.							
IW-1	-11	luke						
1 2	Ż		ie .					
3	3							
4	4							
1 5	5							
16	6	1						
7	7	(

Page 1 of 1

German Auto

Date:/ Arrival Time:	17	16		San Leand	dro, California Technician:	CHILLE	ÓII ()	PIGNAL
Departure Time	1183	0				itions: Clea	The same of the sa	
Equipment Man		fodel No.:	_ =		Ambient Temp	perature: 37		
Ozone (O ₃) Inj	ection System rently used for		10 Opera	tional	- Non-Or	perational		
System Status U	-	re:	Opera			perational		
O3 Hour Meter 1	Reading:	NA			Owngon flower	I O	SOFH	
njection Pressur	re: #) .	4 PSI		Air + ozone flor	te $\frac{10}{3.2}$	CFM	
		F	ield Measurem	ents (Monthly	Visit)			1
Well ID	Time	DTW	pН	DO	Conductivity	Temperature	ORP	
		feet bgs	units	mg/L	μsiemen/cm	deg C	mV	
MW-2	·							
MW-3								
MW9								
MW-15								
Valve #	Well ID	Injection Duration (hours)	Valve #	Well ID	Injection Duration (hours)		9	
	IW-1	8.53	7	IW-7	82	22		÷
2	IW-2	47.78	8	IW-8	42.50			
3	IW-3	8	9	IW-9	4z.30			
4	IW-4	8	10	IW-10	47.00			
3	IW-5	8		2.0	12.00			
6	IW-6	42.50				4.		
es/Comments:								
et samples from	n wells MW-	2, MW-3, and MV	W-15 quarterly.	for analysis of	GRO, BTEX, and he	monatant 1		
ther wells samp	oled semi-ann	nually	1,,	- or unitary SIB Of	GRO, BIEA, and ne	xavaient chromiun	n .	
	7, 11							
model	WM	03-60						
Sorian	G	V S & V						n n
	2.69		- 4					
	172/	1-0220	714				0	

Page 1 of 1

German Auto 301 E. 14th St.

	~	_	٠				O.,
San	L	e	а	nd	ro,	Ca	alifornia

Arrival Time:

Departure Time:

Technician:	CHILL
Weather Con	ditions: Olur

Ambient Temperature:

HZO 13811-022014 Equipment Manufacturer / Model No.:

Ozone (O3) Injection System		10			2
No. of wells currently used for ozone injection		10	_		
System Status Upon Arrival:	Y	Operational		Non-Operational	
System Status Upon Departure:	X	Operational		Non-Operational	
O3 Hour Meter Reading:			0	exygen flow rate 13 5 c V W	
Injection Pressure: 4 P51 #	5		Ai	ir + ozone flow rate 3. 2 SCHM	

		Fi	eld Measurem	ents (Monthly V	/isit)		
Well ID	Time	DTW	pН	DO	Conductivity	Temperature	ORP
		feet bgs	units	mg/L	μsiemen/cm	deg C	mV
MW-2		26.12	6.62	1,33	329.1	18.3	10. 2
MW-3		25.34	6.50	1.34	432.0	18.4	16.8
MW		25.42	6.74	82.50	488.6	18.11	2,7
MW-15		25.33	6.54	1.4)	445.5	19.0	14.7

Valve #	Well ID	Injection Duration (hours)	Valve #	Well ID	Injection Duration (hours)
	IW-1	40.87	7	IW-7	40.00
Z	IW-2	83.10	8	IW-8	87.50
3	IW-3	8.12	9	IW-9	87.30
4	IW-4	40.00	10		81.95
グ	IW-5	8110			
6	IW-6	82.50			

Notes/Comments:			1			~		
Collect samples from we	lls MW-2, MW-3, and N	AW-15 quarterly, for ana	llysis of GRC), BTEX, and	hexavalent ch	romium		
All other wells sampled s				100	5	T OILLIAM		
					1			1
	4				le sur			
							ini Principal	642
							21	
1	2	×						

German Auto



301 E. 14th St. San Leandro, California

Date:	220	16	* *	San Leanor	Technician:	01416			
Arrival Time:	0800)	_		Weather Cond	itions: C/E	A _		
Departure Tim	e: 128	745	54	8		perature: 4	18		
Equipment Ma	nufacturer / M	odel No.:						- -	
Ozone (O ₃) In			. #	-					
1		r ozone injection	X						
System Status I System Status I	-	4	Operat			perational			
1	_	e:	Operat	ional	Non-Op	perational 1	7 6.5	X	
O3 Hour Meter Injection Pressu		4 751			Oxygen flow ra	te $\frac{1}{3.2}$	s Selva	45	
		Tr:	ld Massura	and March 1		W Tate	307011		
		DTW	pH	ents (Monthly DO		Tonic	055		
Well ID	Time	feet bgs	units	mg/L	Conductivity µsiemen/cm	Temperature deg C	ORP mV		
MW-2				I mg/L/		ueg C	I III V		
MW-3									
MW 9									
MW-15									
Valve #	Well ID	Injection Duration (hours)	Valve #	Well ID	Injection Duration (hours)				
1	IW-1	86.37	7	IW-7	85.90				
7	IW-2	128.60	8	IW-8	128:00				
3	IW-3	53.52	9	IW-9	127.80				
4	IW-4	85.50	10	IW-10	127.45				
7	IW-5	53.98		2 10					
6	IW-6	128,00							
otes/Comments:		INDIOU					-		
ollect samples fr	om wells MW	-2, MW-3, and MV	V-15 quarterly	for analysis of t	GRO, BTEX, and h	overvalent almanita			
l other wells sar			, 13 quarterry,	, tot allalysis of v	JRO, BIEA, and n	exavalent chromit	ım		
				×					
		2.							
		<u> </u>	<u> </u>						
		<u> </u>							
				ñ					

German Auto

DI	ORIGINAL
	VARIAN

Ozone (O ₃) In	jection System		10	F				-
System Status	Upon Arrival:		Opera		Non-Op	perational		
	Upon Departure	:	Opera	tional	_	perational / 5	SCYIX	
O3 Hour Meter Injection Pressu	2.1	85 8F	751		Oxygen flow rate	w rate 3.7		
		Fi	eld Measurem	ents (Monthly V	isit)			1
Well ID	Time	DTW	рН	DO	Conductivity	Temperature	ORP	
MW-2		feet bgs	la la 9	mg/L	μsiemen/cm	deg C	mV	
MW-3		22.37	2.107	1.61	482.9	194	2.9	
MW-S		22.10	6.42	7 9 VOZOB.	542,3	18.7	-9.8	
MW-15		22.08	6.65	1.60	593.9	19.7		
					315.7	47.7	3.0	
į.							· · · · · · · · · · · · · · · · · · ·	
Valve #	Well ID	Injection Duration (hours)	Valve #	Well ID	Injection Duration (hours)	c		
. (IW-1	134.37	7	IW-7	133.50			
2	IW-2	176.00	8	IW-8	176.00			
3	IW-3	181152		IW-9	175.80			
4	IW-4	133,50	10	IW-10	175.45			
	IW-5	101.13						
7	111/2	176.00						

German Auto

	- 19	
E	A	
The state of the s		新聞

Arrival Time: Departure Tim Equipment Ma	e: 0915		- 2	*	Weather Cond	CHILL itions: Kince perature: 5 C		ORIGINA
Ozone (O ₃) In No. of wells cu System Status System Status O3 Hour Meter Injection Pressu	rrently used for Upon Arrival: Upon Departure Reading:	c ozone injection c: NA	Operat Operat		Non-Or	perational perational te	scf It	
	1		ld Measurem	ents (Monthly V	Visit)			
Well ID	Time	feet bgs	pH	DO	Conductivity	Temperature	ORP	
MW-2		Teet bgs	units	mg/L	μsiemen/cm	deg C	mV	
MW-3			<u> </u>					
MVG								
MW-15								
Valve #	Well ID	Injection Duration (hours)	Valve #	Well ID	Injection Duration (hours)			
l l	IW-1	169.28	7	IW-7	166.50			
7	IW-2	210.11	8	IW-8	209,00			
3	IW-3	135.02	9	IW-9	208.80			
4	IW-4	166,00	10	IW-10	210.45			
ÿ	IW-5	134.51						
10	IW-6	209.00						
otes/Comments:								
ollect samples fr	om wells MW-	2, MW-3, and MW	/-15 quarterly.	for analysis of (GRO, BTEX, and he	evasialant ahromisir	•	
l other wells sar			i i		5x(0, D11221, and 11	cataloni chiomini	ц	
				V .				
		4						

German Auto

301 E. 14th St.

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EL IDAME

6.6

Date:	08	17		San Leang	Technician: _ Weather Cond		*	
Departure Time Equipment Man	-	odel No.:	_	25	Ambient Temp	perature: 50	/ 18.	
Ozone (O ₃) Injunction No. of wells cur System Status U System Status U O3 Hour Meter I Injection Pressur	rently used for pon Arrival: pon Departure Reading:	r ozone injection	Operation of the second of the			· ·	SCFIK 4 scfm	*
		Fi	eld Measurem	ents (Monthly	Visit)	31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Well ID	Time	DTW feet bgs	pH units	DO mg/L	Conductivity µsiemen/cm	Temperature deg C	ORP mV	
MW-2		10.47	1.44	1.50	11001	161	176	

.50

				- /		
Valve #	Well ID	Injection Duration (hours)	Valve #	Well ID	Injection Duration (hours)	
l	IW-1	217.37	7	IW-7	214.50	
2	IW-2	210.11	Ĝ	IW-8	257.00	
3	IW-3	135.02	9	IW-9	256.80	
4	IW-4	216.19	10	IW-10	258,49	

134,51

IW-5

MW-3 MW ST

MW-15

Most some	S:	77.0.1077.0										
1 other wells s	ampled semi-a	W-2, MW-3, ar	id MW-15 qu	arterly, for a	nalysis of (GRO, BTE	X, and he	kavalent cl	nromium		-	
other wells s	ampieu seim-a	шпапу										
									<u> </u>			
										175		- A- ,
										×		
										п		
										3 1111		

IW-10

258,49

German Auto





San Leandro, California

arrival Time:	21-1	71			Technician:	CHILL	 	
	0800	7			Weather Condi	tions: Rom	ι	
eparture Time	0900		-		Ambient Temp	erature: 50	7	
quipment Man	ufacturer / Mo	del No.:						TW.
zone (O3) Inje				1			·	
		ozone injection	Operati	<u>/ </u>				
stem Status U	_	1				erational		
stem Status U	-	:	Operati	ional	Non-Op	erational	SIX	
3 Hour Meter I			-		Oxygen flow ra	te		
jection Pressur	e: # <u>4</u>	8P	5 /		Air + ozone flov	te /6 s v rate 3.5	cim	
		Fie	ld Measurem	ents (Monthly V				
Well ID	Time	DTW	pН	DO	Conductivity	Temperature	ORP	
	7 111(6	feet bgs	units	mg/L	μsiemen/cm	deg C	mV	
MW-2								
MW-3								
MW								
MW-15								**
Verille 1								
Valve #	Well ID	Injection Duration (hours)	Valve #	Well ID	Injection Duration (hours)			
	IW-1	267.87		IW-7	265.00			
	IW-2	260.61		IW-8	307,50			
	IW-3	137.03		IW-9	287.81			
	IW-4	266.92		IW-10	278.95			
	IW-5	137.01		1 W - 1 U	~10 13			
	IW-6	307.50						

25-10-9

German Auto

301 E. 14th St.

-	, , .			San Leandro	, California	2.1-1.1
Date: 3	6-17		, t		Technician:	CHILL
Arrival Time:	1987	>			Weather Conc	litions: Kun El GRA
Departure Tim	ne: 0820)	12	8	Ambient Tem	perature: 4-0
	anufacturer / Mo	odel No.:				
Ozone (O ₃) In	jection System		G.	9		
No. of wells cu	urrently used for	ozone injection	, ·	(1)		
System Status	Upon Arrival:		Operat	ional	Non-O	perational
System Status	Upon Departure	:	Operat	ional	Non-O	perational , (
O3 Hour Meter	Reading:	Parameter primers			Oxygen flow ra	ate 16 SCVIT
Injection Press	ure: <u>9</u>	P31 \$	+10		Air + ozone flo	ow rate 9 P 5 1 # 10 3,6 CFM
			eld Measurem	ents (Monthly V	isit)	
Well ID	Time	DTW	pН	DO	Conductivity	Temperature ORP
Maria		feet bgs	units	mg/L	μsiemen/cm	deg C mV
MW-2		14.08	1.33	1.70	303,	19. 2 +20. 2
MW-3		16.01	7.24	2.90	100.9	17.8 -26.9
MW-9		16.18	6197	2.60	314.0	18.8 -13.0
MW-15		15.54	6:88	1.50	311.8	20.4 -10.0
				1		
				* 1		
				1.14		
Valve #	Well ID	Injection Duration (hours)	Valve #	Well ID	Injection Duration (hours)	
	IW-1	312,54	7	IW-7	309.51	
2	IW-2	260.102	8	IW-8	352.00	
3	IW-3	137.03	9		332.32	
4	IW-4	311151	10		323.44	
5	IW-5	137.03	70	IW-10	223,97	
6	IW-6	352.01				
		77~~				
Notes/Comments:						
			V-15 quarterly,	for analysis of G	RO, BTEX, and I	nexavalent chromium
all other wells sa	mpled semi-ann	ually			2.11	
<u> </u>						
		۰				
		2			<	- Agent
	N.			2:		
				<u> </u>	0.2	20 1

German Auto

301 E. 14th St.

arrival Time: Departure Time	12	217	- s ¹		Weather Condi	1	~	Origin
			- "		Ambient Temp	erature:5	<u></u>	
	nufacturer / M							
	jection Systen		1()			a a	
	rrently used fo Upon Arrival:	r ozone injection	Operat	ional	Non On	perational		
	Upon Arrivai: Upon Departur	۵۰	Operati		and the same of th			×
Hour Meter		·.	Operati	ionai	Non-Up	erational	£14	
ection Pressu		P51 7	+ 9		Oxygen flow rai	te $\frac{1550}{3.75}$	Sa Saa	
cettoii i ressu		1			Air + ozone flov	wrate 3°/ S	scrox	
		Fi	eld Measurem	ents (Monthly V	Visit)			
Well ID	Time	DTW	pН	DO	Conductivity	Temperature	ORP	
MW 2		feet bgs	units	mg/L	μsiemen/cm	deg C	mV	
MW-2								
MW-3				ж.	31 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			
MW-15								
MW-15				- 5				
			. 1		4.1			
		Injection	9.		Injection			
Valve #	Well ID	Duration (hours)	Valve #	Well ID	Duration (hours)			
	IW-1	392155	7	IW-7	311.51			
2	IW-2	263.12	96	IW-8	357.50			
3	IW-3	139.53	9	IW-9	460-76			
K	IW-4	314.01	101	IW-10	451.45			
	IW-5	139,53						
5 6	IW-6							

Well ID MW-2 MW-3 MW-15	Time		eld Measurem pH units	ents (Monthly DO mg/L	Air + ozone flow Visit) Conductivity µsiemen/cm	Temperature deg C	ORP mV	
MW-2 MW-3 MW S	Time	DTW	рН	DO	Conductivity			
MW-2 MW-3 MW 9	Time							
MW-3 MW -9		1eet ogs	units	mg/L	μsiemen/cm	deg C	mV.	
MW-3 MW -9					, 1			
MW S				1				
								Ŀ
		+						
							· · · · · · ·	
	3 .							
Valve#	Well ID	Injection Duration (hours)	Valve #	Well ID	Injection Duration (hours)			
	IW-1	434,55		IW-7	353.51			
	IW-2	305-12		IW-8	399.31			
	IW-3	139.54		IW-9	502.32			
	IW-4	356.01		IW-10	493.45			
	IW-5	154175						
	IW-6	399.51		`				
Notes/Comments: Collect samples fron All other wells samp			V-15 quarterly	, for analysis of	GRO, BTEX, and h	exavalent chromiu	ım	