

GLENFOS Inc.

Global Environmental Focus

LIMITED PHASE I AND PHASE II ENVIRONMENTAL SITE ASSESSMENT

of

1450 Fruitvale Avenue
Oakland, California 94601

Prepared for

Glendale Federal Bank

Prepared by

Glenfos, Inc.

7-27-98

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EXECUTIVE SUMMARY

At the request of Glendale Federal Bank., Glenfos has completed a Limited Phase I and Phase II environmental assessment of the site. The scope of our Limited Phase I Environmental Assessment was to review two previous environmental site assessments, review available building permits and drawings from the Oakland Building Department, review available records from the Oakland Fire Department, and conduct a geophysical survey. The scope of the Phase II assessment was to evaluate the potential for gasoline impacted soil and groundwater that may resulted from past use of the site as a gasoline station. The assessment included the collection of soil and groundwater samples in eight locations.

The review of the previous environmental reports indicated that the site was formerly occupied by a Richfield Oil gasoline station from 1950 to at least 1976. Glenfos research of the site indicated that this gasoline station may have been present on the site to at least 1983, based on a review of historical aerial photographs. A 1950 site map of the former gasoline station was found at the Oakland Building Department. The site map depicted the location of four USTs in the area currently within the southwest corner of the site's parking lot, and a single fuel dispenser island within the northwest corner of the site's parking lot.

The geophysical survey found magnetic anomalies in the area of the suspected product lines and the USTs of the former gasoline station. Hence, the USTs may be still present in this area.

The findings of the subsurface investigation revealed that the site's soil and groundwater have been impacted by gasoline. Up to 190 mg/kg of TPH-g, and 0.34 mg/kg of benzene, were found in some of the analyzed soil samples. The analysis of the groundwater samples indicated that TPH-g was detected in the groundwater at a concentration up to 20 mg/kg. Additionally, up to 1,000 ug/L of benzene was also found in the groundwater beneath the site. The highest concentration of gasoline hydrocarbons appear in the area of the former fuel dispenser and along the suspected product lines.

Based on the data, the site has been impacted by a release of gasoline. The source of the gasoline appears to be from the former on-site gasoline station, since shallow soil contamination was found beneath the site (at a depth of 10 feet below grade), and the lack of off-site sources identified in the previous and current assessments. Hence, Glenfos recommends additional subsurface exploration to further refine the vertical and lateral extent to the impacted soil and groundwater. Should this investigation confirm the presence of these USTs, they should be removed from the site in accordance with local regulations.

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1.0 SCOPE

The purpose of the Limited Phase I Environmental Assessment was to supplement the previous environmental assessments performed by at the subject by others by conducting additional research. The purpose of the Phase II Environmental Assessment was to investigate the potential for subsurface petroleum contamination that may have resulted from the past use of the site as a gasoline station.

The scope of the Limited Phase I assessment originally consisted of the following tasks: researching records that may be available from ARCO (the former gas station operator) regarding plans of the former gasoline station; a review of building permits and plans at the Oakland Building Department; a review of files at the Oakland Fire Department, interview of knowledgeable persons, a review of aerial photographs, a geophysical survey, and an soil vapor survey.

*need a site map
location of
former USTs*

Because a site plan of the former gas station was obtained from the Oakland Building Department it was not necessary to contact ARCO regarding their past gasoline station configuration. As the result of having obtained a good site map (Appendix B), showing the location of the former gas station's underground storage tanks (USTs) and fuel dispensers, and the findings of the geophysical survey, the client decided to forego the soil vapor survey and authorized a soil and groundwater assessment.

The scope of the Phase II assessment included Geoprobe soil/groundwater sampling at eight locations selected on the basis of the site map of the former gasoline station, and the data collected in the geophysical survey. Soil and groundwater samples were sampled and collected in these locations, and selected samples for analyzed for fuel related hydrocarbons, total lead, and MTBE.

The location of the site is shown on Figure 1, Site Location Map. The location of the Geoprobe sampling locations are shown on Figure 2, Facility Layout Map. Photographs documenting field activities are presented in Appendix A.

2.0 BACKGROUND

2.1 Site Description

The site's lot contains approximately 11,100 square feet, and is currently developed with a three story commercial/residential building which covers approximately two-thirds of the site. The building is currently used automotive tire service business. An inspection of the building revealed the presence of several tires and tire rims, automobiles, and other automotive supplies in the southern portion of the building, which is primarily used as a garage. Because of the large volume of tires, rims, and automobiles in this portion of the building, it could not be determined whether car hoists are present in the building. The northern portion of the building appears to have been used as a tavern and/or restaurant. Residential units appear to have been present on the floors above the garage and tavern/restaurant; access into the areas was not attempted due to the poor condition of the stairway, and the lack of lighting in the building.

The remainder of the site is paved with either asphalt or concrete. The condition of the asphalt and concrete was in general poor condition, with several large potholes and cracks present. The site is not landscaped.

2.2 Review of Previous Environmental Assessments

Glenfos was provided two previous environmental reports pertaining to the site for review. They included: "Limited Phase I Environmental Site Assessment Report, Commercial Property, 1450 Fruitvale Avenue, Oakland, California," prepared for CenFed Bank by Innovative Environmental Technologies, dated January 23, 1997; and Verification of Underground Storage tanks at 1450 Fruitvale Avenue, Oakland, Alameda County, California," prepared for CenFed Bank by Envirotech Consultants, dated April 2, 1998.

The first report indicated that the site was occupied by De Leon Tires & Wheel Accessories, the current site occupant, during the site reconnaissance conducted on January 17, 1997. The historical research contained in this report indicated that the site was occupied by a Richfield Oil Company (now known as ARCO) gasoline station from 1950 to at least 1976. In 1976, the

*As provided
Copy of these
2 reports*

property was bought by a Mr. Curtis Thomas, who demolished the gasoline station and constructed the existing warehouse/residential building. This report also indicated that the site was part of a larger parcel prior to development of the gas station, however, the area of the site appeared to have been mostly vacant, based on Sanborn Maps dated 1912 and 1925. The larger parcel was reportedly residential. No potential or known off-site sources of contamination were identified. The report recommended additional interviews be conducted with Mr. Thomas and/or contacting ARCO for information about the former gasoline station. The report also recommended that a Phase II subsurface assessment be conducted at the site if information is not available for the removal of the former gasoline station's USTs, and its associated product lines and dispensers.

The second investigation was conducted to verify the possible presence of USTs at the subject site. The verification procedures included: a physical inspection of the site; an electromagnetic survey of the site, eight soil borings to a depth of three to five inches; a review of available archival information consisting of certain agency lists and files; and consultation with parties in local and county agencies. Based on the research conducted in this investigation, there was no evidence found to indicate that the USTs were removed or the USTs were closed on the site. The electromagnetic survey identified a two-inch diameter steel pipe oriented north-south in the site's parking lot; this survey did not find evidence of buried USTs on the site. Additionally, the site drilling did not find evidence to suggest removal of the USTs. The conclusions in the report stated that "there is factual evidence of underground pipe and other suspected underground storage tank beneath the subject site."

3.0 ENVIRONMENTAL SETTING

3.1 Geographic Setting

The site is located within the Coast Ranges Geomorphic Province, approximately 1.5 miles north of the San Leandro Bay. The San Leandro Bay connects into the San Francisco Bay. The Coast Ranges Geomorphic Province consists of many elongate ranges and narrow valleys that approximately parallel the California coast, stretching approximately 600 miles, and are bounded by the Pacific Ocean to the west, the Great Central Valley of California to the east, the Transverse Ranges to the south, and the Klamath Mountains to the north. The local terrain is generally flat lying with a site elevation of approximately 40 feet above mean sea level based on information from the Oakland East, California topographic map, dated 1997 (Figure 1). The topographic gradient is shown on the map as directed toward the south towards the San Leandro Bay.

3.2 Geologic Conditions

According to the "Geologic Map of the San Francisco-San Jose Quadrangle, California," published in 1991, the near-surface soils in the site vicinity are composed of Quaternary alluvial deposits which consist of unconsolidated deposits of clay to gravel size sediments. These alluvial deposits are considered to be water bearing.

Based on the findings of the Phase II assessment conducted in this investigation, the natural surficial soils beneath the site consist primarily of clayey to sandy silts and silty clays in the upper 20 feet. A sandy gravel layer was encountered in some of the sampling locations at a depth of 20 to 25 feet. The fine grained soils found beneath the site are commonly referred to as "Bay Mud" deposits.

3.3 Groundwater Conditions

Groundwater was generally encountered at a depth of 20 feet beneath the site, within the sandy gravel layer. Groundwater appears to be confined beneath the site, because groundwater rose to 12 feet within five to ten minutes after completion of the geoprobe borehole. The groundwater gradient beneath the subject site is estimated to be towards the south, parallel to the topographic gradient.

3.4 Potential Pathways of Contaminant Migration

The groundwater gradient beneath the site is estimated to be towards the south. The depositional direction of the alluvial sediments appears to be toward the south. The potential contaminant sources most likely to affect the site are either upgradient, upslope, or opposite the depositional direction of sediments. For this site, these potential sources would generally be the ones adjacent to the north of the site.

4.0 LIMITED PHASE I ASSESSMENT

4.1 Oakland Building Department

The Oakland Building Department was visited to review building permits and site drawings pertaining to the subject site. The earliest records pertaining to the site was a building alteration permit issued to National Housing Agency on August 17, 1943. The permit stated that the alteration included the conversion of a market into eight apartments to house war workers. A demolition permit was issued to the Richfield Oil Corporation on March 7, 1950 to remove a one-story building on the site. A permit to construct a gasoline station was later issued to Richfield Oil Corporation on October 9, 1950. The building records also contained a scaled site plan of the Richfield Oil gasoline station showing the location of the four USTs, the fuel dispensers, and the building. This drawing was dated February 22, 1950.

whereas this?

A building permit to construct a two-story retail building issued to Mr. Curtis Thomas was filed on March 4, 1982, however, the permit was never ^{realized} ~~finalized~~, and became expired on June 10, 1986. Several other permits were taken out by Mr. Thomas around the same time, none of which appeared finalized or approved by the City of Oakland Building Department.

Copies of the building permits, including the site plan of the former Richfield Oil gasoline station, are included in Appendix B.

4.2 Oakland Fire Department

The Oakland Fire Department records only date back two years according to information obtained from the Oakland Building Department. Accordingly, no information pertaining to the former gasoline station would be available from this agency.

4.3 Interviews

Mr. De Leon, the proprietor of the tire service business on the site, was interviewed regarding his knowledge of the former gasoline station. He stated in the interview, which was conducted on June 26, 1998, that he had no knowledge whether the former gasoline station's USTs were

removed from the site. Mr. Thomas, the former owner of the site, was also interviewed on June 26, 1998. Mr. Thomas indicated to the best of his knowledge, the USTs were removed from the site. However, he seemed to be unsure, and could not remember when the USTs were reportedly removed.

4.4 Aerial Photographs

Glenfos reviewed aerial photographs available from Pacific Aerial Survey Inc., Oakland, California, dated 1947, 1950, 1953, 1959, 1963, 1969, 1973, 1979, 1983, 1985, 1990, and 1996. Table 1 summarizes the finding of the aerial photograph review.

Table 1: Aerial Photograph Review

| Date | Scale | Description |
|------|----------|---|
| 1947 | 1:20,000 | The site is developed with a retail/residential building. The adjacent properties are developed with retail, commercial, and residential buildings similar to those observed during the site reconnaissance. |
| 1950 | 1:7,200 | The site and the adjacent properties are essentially unchanged from the previous photograph. |
| 1953 | 1:10,000 | The site is shown as a gasoline station. The configuration of the gasoline station building and dispenser island appears as shown in the 1950 map obtained from the Oakland Building Department. No significant changes were noted on the adjacent properties, except the property to the west, which appears as a parking lot. |
| 1959 | 1:9,600 | The site and the adjacent properties are essentially unchanged from the previous photograph. |
| 1963 | 1:36,000 | The site and the adjacent properties are essentially unchanged from the previous photographs. |
| 1969 | 1:12,000 | The site and the adjacent properties are essentially unchanged from the previous photographs. |
| 1977 | 1:12,000 | The site and the adjacent properties are essentially unchanged from the previous photographs. |
| 1979 | 1:12,000 | The site is essentially unchanged from the previous photographs. The only significant change on the adjacent properties a commercial building is now present west of the site. |
| 1983 | 1:12,000 | The site and the adjacent properties are essentially unchanged from the previous photographs. |
| 1985 | 1:12,000 | The site is developed with L-shaped commercial building similar in size and shape to the existing building on the site. |
| 1990 | 1:12,000 | The site and the adjacent properties are essentially unchanged from the previous photograph. |
| 1996 | 1:12,000 | The site and the adjacent properties are essentially unchanged from the previous photographs |

Based on the aerial photograph review, the site appears to have been developed with retail/residential building from at least 1947 to 1950. A gas station was observed on the site from at least 1953 to at least 1983. By 1985 the site appears to have been developed with the building observed during the site reconnaissance. The adjacent properties appear to have also been developed back to 1947 with similar residential, retail, and commercial buildings to the ones observed during the site reconnaissance. No obvious gasoline stations were identified

within a quarter mile of the site in the aerial photographs that were reviewed.

4.5 Geophysical Survey

On June 26, 1998, Spectrum-Gasch Geophysics (Spectrum) conducted a geophysical investigation on the site in the area of the former gas station. The objective of this investigation was to locate possible subsurface structures of the former gasoline station, including USTs and product lines, and to provide utility clearance for the Phase II subsurface explanation. Spectrum utilized an EG&G Geometrics 856 AX proton-precession magnetometer, electromagnetic utility locators, and ground penetrating radar (GPR). Spectrum established a grid system for the site, spaced approximately ten feet in each direction, which was used to delineate areas of large ferromagnetic objects, such as USTs.

The findings of the geophysical survey included the identification of several high magnitude magnetic anomalies, all of which could be attributed to above ground cultural features such as a building, street light, phones, or to buried conduits. A 3,000 gamma monopole was identified on the site, and was interpreted to be an abandoned product line. Additionally, in the southeastern corner of the area investigated, a ten by twenty-foot area was located that contains buried metal debris. Spectrum stated in their report that the magnetic signature in this area was not consistent with that of a UST.

The anomalies located in the geophysical survey agreed with the underground structures of the former gasoline station as shown on the 1950 drawing. The area where Spectrum found the buried metal debris corresponds to the same area of the former UST tank pit. The observed product line anomaly runs from the northwest corner of the UST pit to the area of the former fuel dispenser. Although the product lines were not shown on the 1950 drawing, the configuration of the anomaly corresponding to the product line is consistent with its likely location beneath the site. Spectrum's report is included in Appendix C.

5.0 PHASE II ASSESSMENT

5.1 Preliminary Activities

5.1.1 Underground Service Alert of Northern California

On June 26, 1998, we notified Underground Service Alert of Northern California to mark the locations of known subsurface public utilities that entered the site. Our reference number is 169241.

5.2 Soil and Groundwater Sampling

Gregg Drilling was contracted to provide a geoprobe rig to collect the soil and groundwater samples from the site. The geoprobe sampling was conducted on July 9, 1998, and a Glenfos representative collected the samples and logged the geoprobe boreholes. Four probe locations (GP-1 through GP-4) were selected along the perimeter of the UST pit (and geophysical anomaly) shown on the 1950 map. Additionally, two probe locations (GP-5 and GP-6) were selected along the suspected product line, and two probe locations (GP-7 and GP-8) were selected in the area around the former fuel dispenser.

Soil samples were collected in clear acetate plastic liners that were inserted into the geoprobe sampler. The soil samples, which were collected at five-foot intervals, were sealed with teflon lined plastic caps, labeled, and immediately placed in a chilled ice chest. A portion of the sample was placed in a zip-locked plastic bag for headspace analysis using a photo ionization detector (PID). The PID used was a Thermal Environmental Instruments Inc., Model 580B OVM.

The geoprobe boreholes that encountered groundwater (GP-1, GP-4, GP-6, and GP-8) were sampled using a small portable peristaltic pump. The groundwater samples were retained in clean glass vials, labeled, and placed in a chilled ice chest.

All downhole sampling equipment was triple rinsed with each use to reduce the potential of cross contamination.

The soil and groundwater samples were delivered the next day to a state certified laboratory for chemical analysis. The analytical laboratory that was contracted for this work was American Analytic, located in Chatsworth, California.

5.3 Findings

5.3.1 Geoprobe Borings

Geoprobe soil sampling indicates that the site is underlain by sandy silt, clayey silt, and silty clay to a depth of approximately 20 feet. These soils were generally light to dark brown, or greyish brown in color, and very generally moist. A sandy gravel, with some clay, was encountered at a depth of 20 feet in borings GP-6 and GP-8, and was encountered at a depth of 25 feet in borings GP-3. The sandy gravel was light brown in color, and was found to be moist to saturated in the samples collected. Fill soils, consisting of a clayey gravel, was encountered in borings GP-1 and GP-4 from the ground surface to a depth of approximately 10 feet. This fill material, which is believed within the UST pit, was light brown in color, and was found to be moist to saturated in the samples collected.

Soil staining and petroleum odors were detected in some of the samples. Streaks of dark grey to greenish grey, and petroleum odor, were found in all of the borings except boring GP-1. The strongest petroleum odors and heaviest staining appeared in the samples collected from borings GP-6, GP-7, and GP-8, which were drilled in the areas of the suspected product line and the area of the former fuel dispenser island. Typically, the 10 and 15-foot samples showed the most evidence of petroleum impact.

The headspace monitoring detected the presence of volatile organic compounds (VOCs) in some of the collected soil samples. The highest headspace readings were as follows: GP-4 at 10 feet (466 parts per million - ppm); GP-6 at 10 feet (323 ppm); GP-3 at 10 feet (210 ppm); and GP-6 at 20 feet (136 ppm).

The boring logs are found in Appendix D. The locations of the borings can be found in Figure 2.

5.4 Laboratory Analyses

5.4.1 Analyses of Selected Soil Samples

Selected soil samples were analyzed by American Analytic for Total Petroleum Hydrocarbons - as gasoline (TPH-g) using EPA Modified Method 8015, and for the volatile fuel aromatic compounds benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8020. Three soil samples were also analyzed for total lead using EPA Method 7420. Analytical reports and Chain-of-Custody documents are presented in Appendix E.

5.4.1 Analysis of Groundwater Samples

All four groundwater samples collected (GP-1, GP-4, GP-6, and GP-8) were analyzed by American Analytic for TPH-g using EPA Method 8015, and BTEX using EPA Method 8020. Two of the groundwater samples were also selected to be analyzed for total lead using EPA Method 7421. The water samples containing the highest BTEX was also tested for MTBE (a gasoline additive) by EPA 8260.

5.5 Laboratory Findings

5.5.1 Soil Samples

Based on the field observations of the soil samples and PID readings, 21 soil samples were selected for chemical analysis. The analytical results indicated the presence of TPH-g and BTEX in some of the analyzed samples. TPH-g was detected in all but four soil samples, and ranged in concentration from 1.5 milligram per kilogram (mg/kg) in the 10-foot sample collected from boring GP-2, to 190 mg/kg in the 15-foot sample collected in boring GP-6. Benzene was found in most of the samples, and ranged from non-detectable concentrations up to 0.59 mg/kg (GP-3@10). The highest concentrations of ethylbenzene (2.3 mg/kg), toluene (0.53 mg/kg), and xylene (4.7 mg/kg) were found in the 15-foot sample from GP6.

Three soil samples were selected to be analyzed for total lead. The analytical results indicated that total lead was detected in all three samples ranging from 4.1mg/kg to 7.3 mg/kg. Those concentrations are considered to be low and likely the result of naturally occurring background levels.

Table 2 summarizes the soil analytical data. The complete analytical report is found in Appendix E.

5.5.2 Groundwater Samples

TPH-g and, BTEX, were detected in all four of the analyzed groundwater samples. TPH-g ranged from 0.17 milligrams per liter (mg/L) in the sample collected from GP-1, to 20 mg/L in the sample collected from GP-8. BTEX concentrations found in the groundwater were as follows: benzene from <0.5 microgram per liter - ug/L (GP-4) to 1,000 ug/L (GP-8); ethylbenzene from 0.58 ug/L (GP-4) to 420 (GP-8); toluene from <0.5 ug/L (GP-1 and GP-4) to 24 ug/L (GP-5); and xylene from <1 ug/L (GP-4) to 290 ug/L. Total lead was also analyzed in two of the four groundwater samples. The total lead concentrations were found to be 0.0095 mg/L (GP-8) and 0.011 (GP-4). *MTBE was also analyzed in GP-8 samples and was found to be below the detection limit of 10 ug/l.*

Table 3 summarizes groundwater analytical data. The complete analytical report is found in Appendix E.

Table 2: Summary of Soil Analytical Data

| Sample | TPH-g | Benzene | Ethylbenzene | Toluene | Xylene | Total Lead |
|---------|---------|-------------|--------------|-------------|------------|------------|
| GP-1@10 | 10 | <0.005 (ND) | 0.015 | 0.022 | <0.01 (ND) | NA |
| GP-2@10 | 1.5 | 0.017 | <0.005 (ND) | <0.005 (ND) | <0.01 (ND) | NA |
| GP-2@15 | 27 | 0.017 | 0.052 | 0.056 | 0.51 | NA |
| GP-2@30 | 2.5 | <0.005 (ND) | <0.005 (ND) | <0.005 (ND) | <0.01 (ND) | NA |
| GP-3@10 | 95 | 0.59 | 1.1 | 0.42 | 1.5 | 7.3 |
| GP-3@15 | 2.5 | 0.055 | 0.055 | 0.018 | 0.26 | NA |
| GP-3@20 | 1.6 | 0.047 | 0.02 | <0.005 (ND) | 0.032 | NA |
| GP-3@25 | <1 (ND) | <0.005 (ND) | <0.005 (ND) | <0.005 (ND) | <0.01 (ND) | NA |
| GP-4@10 | 2.5 | 0.017 | 0.0029 | <0.005 (ND) | 0.021 | 4.1 |
| GP-5@10 | 6.5 | <0.005 (ND) | 0.018 | 0.022 | 0.041 | NA |
| GP-5@15 | 19 | 0.077 | 0.43 | 0.016 | 0.49 | NA |
| GP-5@20 | <1 (ND) | <0.005 (ND) | <0.005 (ND) | <0.005 (ND) | <0.01 (ND) | NA |
| GP-6@5 | <1 (ND) | <0.005 (ND) | <0.005 (ND) | <0.005 (ND) | <0.01 (ND) | NA |
| GP-6@10 | 7.7 | 0.0077 | 0.012 | 0.015 | 0.047 | 6.2 |
| GP-6@15 | 190 | 0.34 | 2.3 | 0.53 | 4.7 | NA |
| GP-6@20 | 28 | 0.083 | 0.052 | 0.081 | 0.19 | NA |
| GP-7@10 | 86 | <0.005 (ND) | 0.09 | 0.088 | 0.5 | NA |
| GP-7@15 | 2.7 | 0.0084 | <0.005 (ND) | 0.012 | 0.031 | NA |
| GP-8@10 | 24 | 0.022 | 0.071 | 0.061 | 0.45 | NA |
| GP-8@15 | 5.8 | 0.021 | 0.022 | 0.014 | 0.06 | NA |
| GP-8@20 | <1 (ND) | <0.005 (ND) | <0.005 (ND) | <0.005 (ND) | <0.01 (ND) | NA |

- Notes:
- 1 = All concentrations are in milligrams per kilogram (mg/kg)
 - 2 = TPH-g by EPA Method 8015
 - 3 = BTEX by EPA Method 8020
 - 4 = Total Lead by EPA Method 7420
 - 5 = ND - not detected
 - 6 = NA - not analyzed

Table 3: Summary of Groundwater Analytical Data

| Sample | TPH-g | Benzene | Ethylbenzene | Toluene | Xylene | MTBE | Total Lead |
|--------|-------|-----------|--------------|-----------|---------|----------|------------|
| GP1 | 0.17 | 0.53 | 1.2 | <0.5 (ND) | 2.0 | NA | NA |
| GP4 | 0.21 | <0.5 (ND) | 0.58 | <0.5 (ND) | <1 (ND) | NA | 0.011 |
| GP5 | 17 | 42 | 820 | 24 | 110 | NA | NA |
| GP8 | 20 | 1,000 | 420 | 19 | 290 | <10 (ND) | 0.0095 |

- Notes: 1 = TPH-g and Total Lead concentrations in milligram per liter (mg/L); BTEX & MTBE concentrations in micrograms per Liter (ug/L)
 2 = TPH-g by EPA Method 8015
 3 = BTEX by EPA Method 8020
 4 = Total Lead by EPA Method 7421
 5 = MTBE by EPA Method 8260
 6 = ND - not detected
 7 = NA - not analyzed

6.0 CONCLUSIONS

At the request of Glendale Federal Bank., Glenfos has completed a Limited Phase I and Phase II environmental assessment of the site. The scope of our Limited Phase I Environmental Assessment was to review two previous environmental site assessments, review available building permits and drawings from the Oakland Building Department, review available records from the Oakland Fire Department, and conduct a geophysical survey.

The review of the previous environmental reports indicated that the site was formerly occupied by a Richfield Oil gasoline station from 1950 to at least 1976. Glenfos research of the site indicated that this gasoline station may have been present on the site to at least 1983, based on a review of historical aerial photographs. A 1950 site map of the former gasoline station was found at the Oakland Building Department. The site map depicted the location of four USTs in the area currently within the southwest corner of the site's parking lot, and a single fuel dispenser island within the northwest corner of the site's parking lot. The Oakland Fire Department records only date back two years, and accordingly, would not yield any records pertaining the former on-site gasoline station.

The geophysical survey found magnetic anomalies in the area of the suspected product lines and the USTs of the former gasoline station. Although the geophysical survey report indicated that the magnetic anomaly found in the area of the former USTs was not characteristic of a UST, the anomaly was found in the area of the USTs shown on the 1950 map. Hence the USTs may be still present in this area.

The scope of the Phase II assessment was to evaluate the potential for gasoline impacted soil and groundwater that may resulted from past use of the site as a gasoline station. The assessment included the collection of soil and groundwater samples in eight locations. The findings of the subsurface investigation revealed that the site's soil and groundwater have been impacted by gasoline. Up to 190 mg/kg of TPH-g, and 0.34 mg/kg of benzene, were found in some of the analyzed soil samples. The analysis of the groundwater samples indicated that TPH-g was

detected in the groundwater at a concentration up to 20 mg/kg. Additionally, up to 1,000 ug/L of benzene, 420 ug/L of ethylbenzene, 19 ug/L toluene, and 290 ug/L of xylene were also found in the groundwater beneath the site. Total lead was all found in the soil and groundwater beneath the site. None of the concentrations found in the analyzed samples appeared elevated, and may be natural occurring concentrations.

The highest concentration of gasoline hydrocarbons appear in the area of the former fuel dispenser and along the suspected product line.

7.0 RECOMMENDATIONS

Based on the data, the site has been impacted by a release of gasoline. The source of the gasoline appears to be from the former on-site gasoline station, since shallow soil contamination was found beneath the site (at a depth of 10 feet below grade), and the lack of off-site sources identified in the previous and current assessments. Hence, Glenfos recommends additional subsurface exploration to further refine the vertical and lateral extent to the impacted soil and groundwater. Should this investigation confirm the presence of these USTs, they should be removed from the site in accordance with local regulations.

8.0 CONFIDENTIALITY

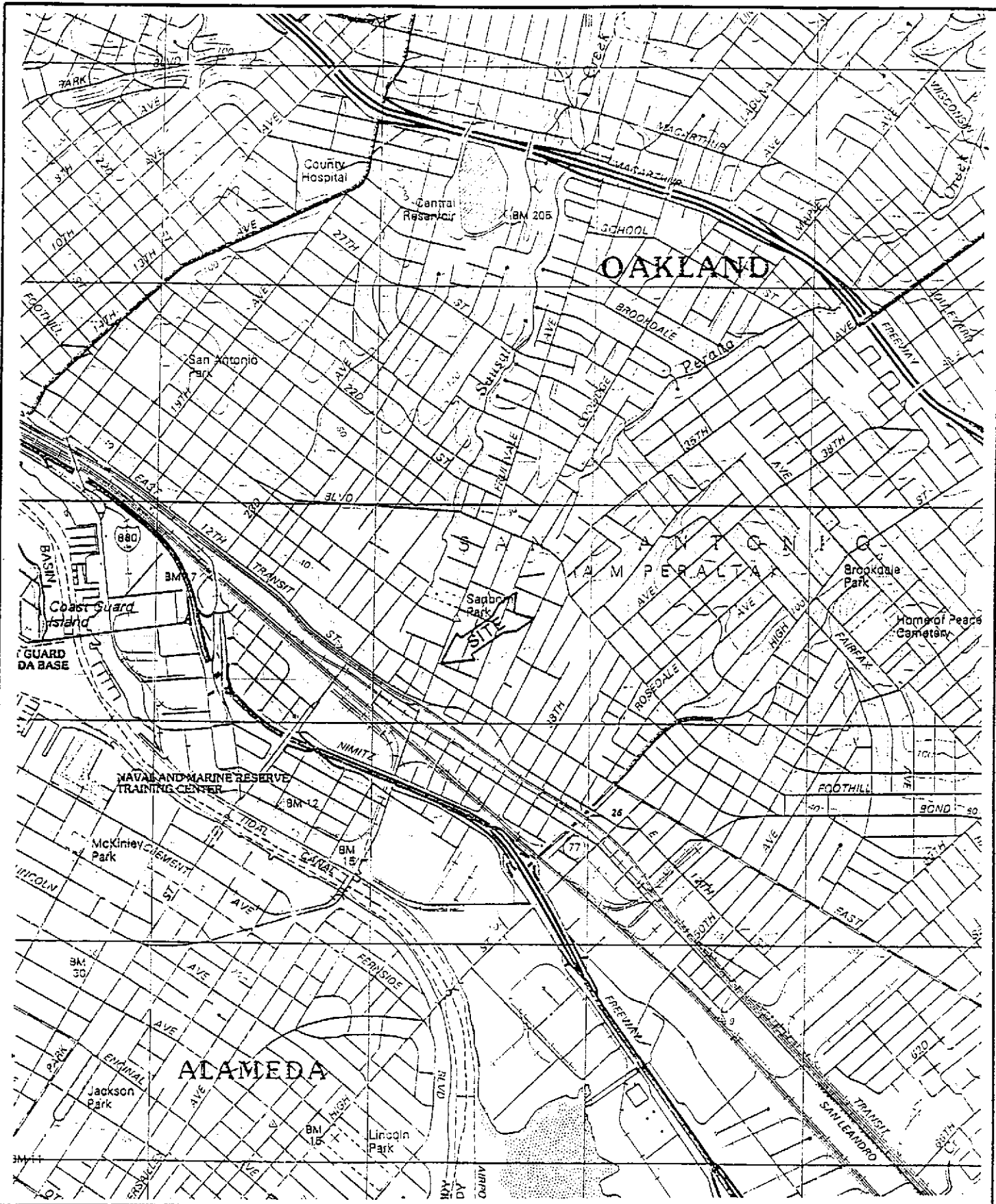
8.1 Liability Release

The professional opinions presented in this report have been developed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional advice included in this report. This report has been prepared for our client and their consultants, to be used solely in evaluating potential environmental implications at the site. This report has not been prepared for use by other parties, and may not contain sufficient information for purposes of other parties or other uses.

8.2 Confidentiality

Glenfos agrees to hold the information contained in this report or any portion thereof, confidential. This report, or information contained herein, will not be released to any party except as required by law, without consent from our client. Upon the approval of the client the report may be issued to any interested party.

FIGURES



1450 Fruitvale Avenue
 Sacramento, California 94601
 PI-94601-061798

GLENFOS, Inc.
 9620 TOPANGA CANYON PLACE, SUITE F
 CHATSWORTH, CALIFORNIA 91311

SITE LOCATION MAP

Scale 1" = 2,000'

Reference: USGS 7.5 Minute
 Oakland East, CA Topographic
 Map 1997

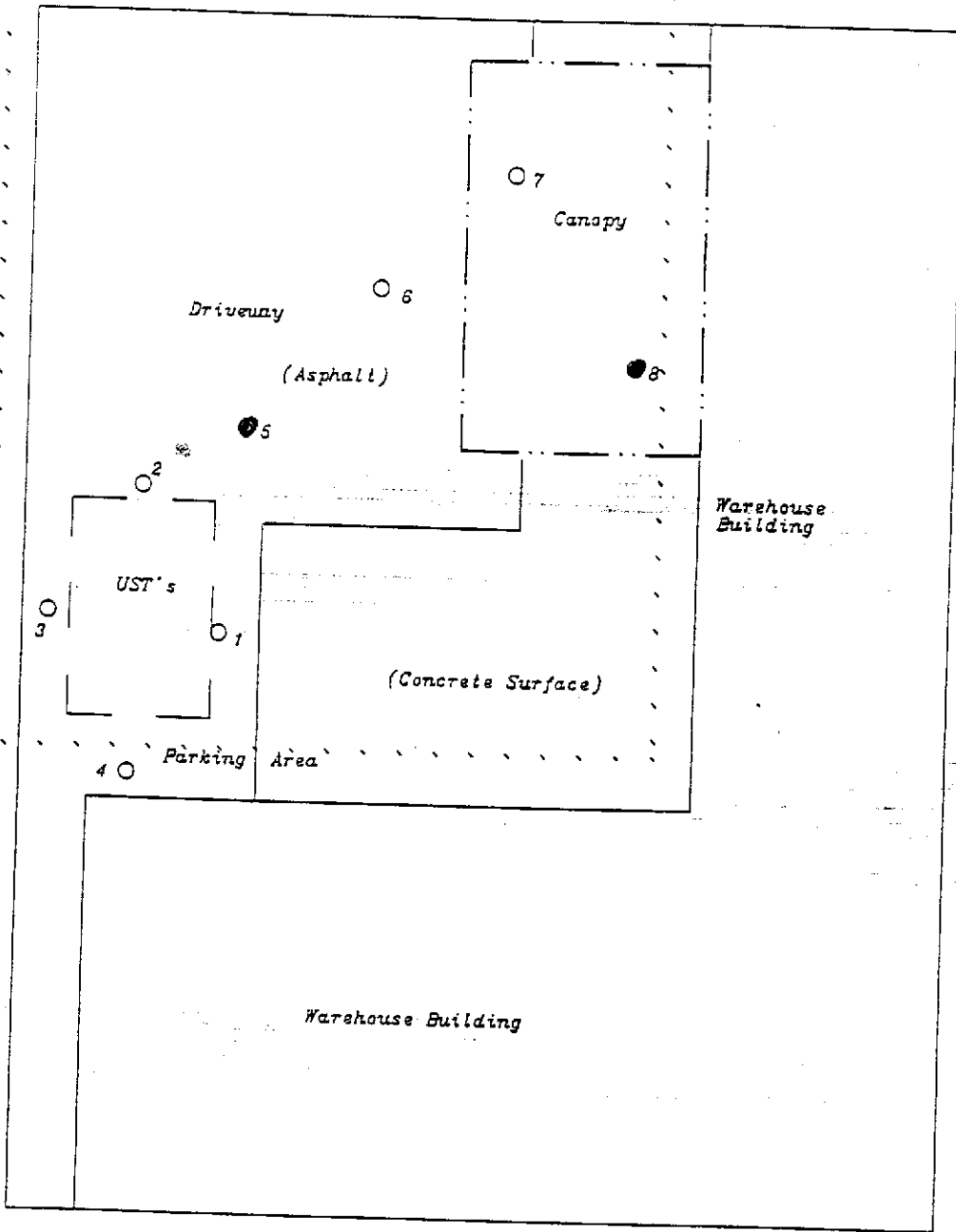


FIGURE

1

FRUITVALE AVENUE

FARWAM STREET



450 Fruitvale Avenue
Sacramento, CA 94601
1-94801-061798

LENFOS, Inc.
20 TOPANGA CANYON PLACE SUITE F
MARTINSBURG, CA 91311

FACILITY
LAYOUT
MAP



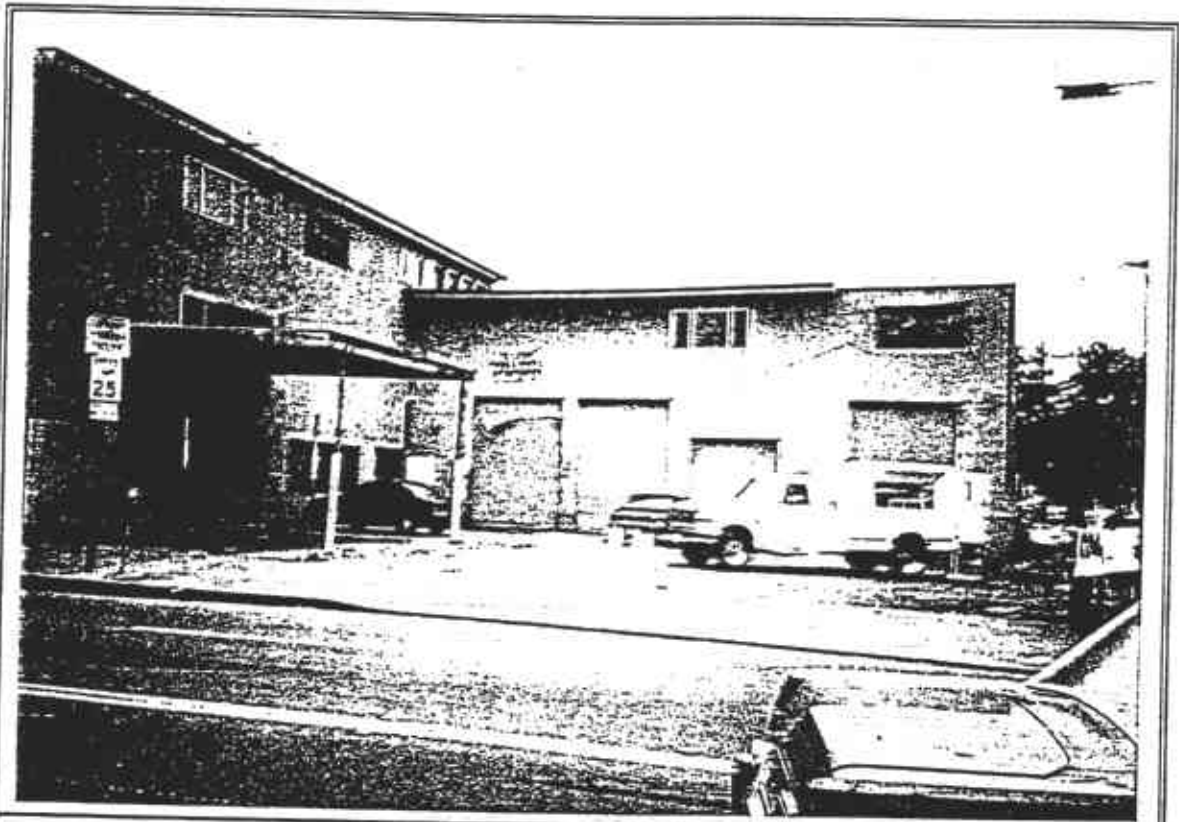
NOT TO SCALE

FIGURE
2

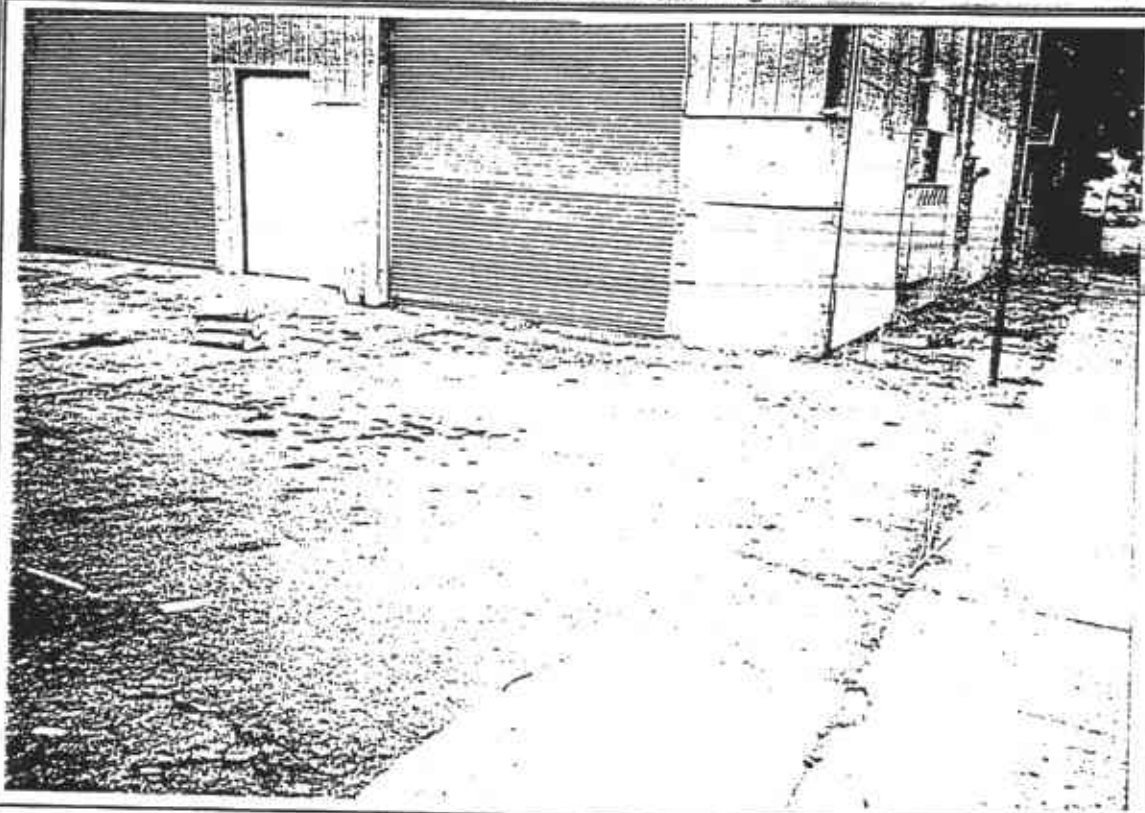
APPENDIX A

Ground Level Photographs

LIMITED PHASE I AND PHASE II ENVIRONMENTAL SITE ASSESSMENT
1450 Fruitvale Avenue
Oakland, CA 94601

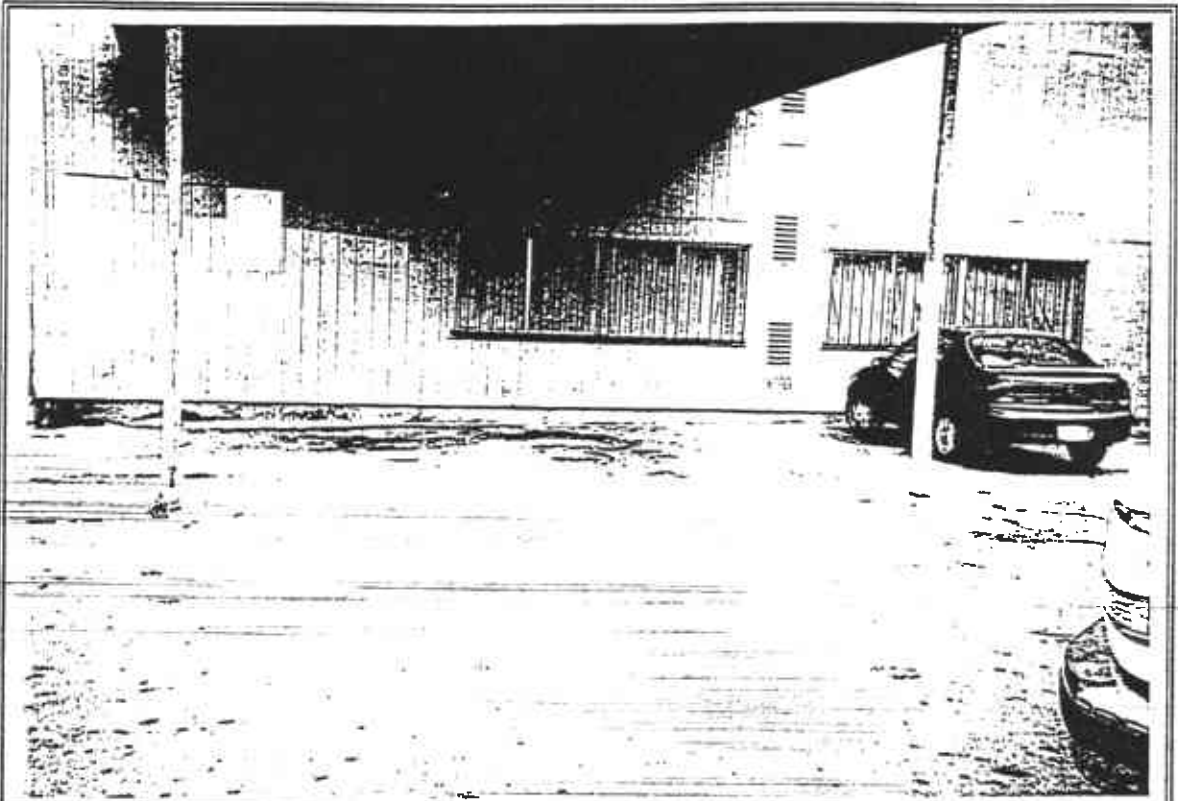


Photograph 1: View of the site (1450 Fruitvale Avenue), looking northwest.

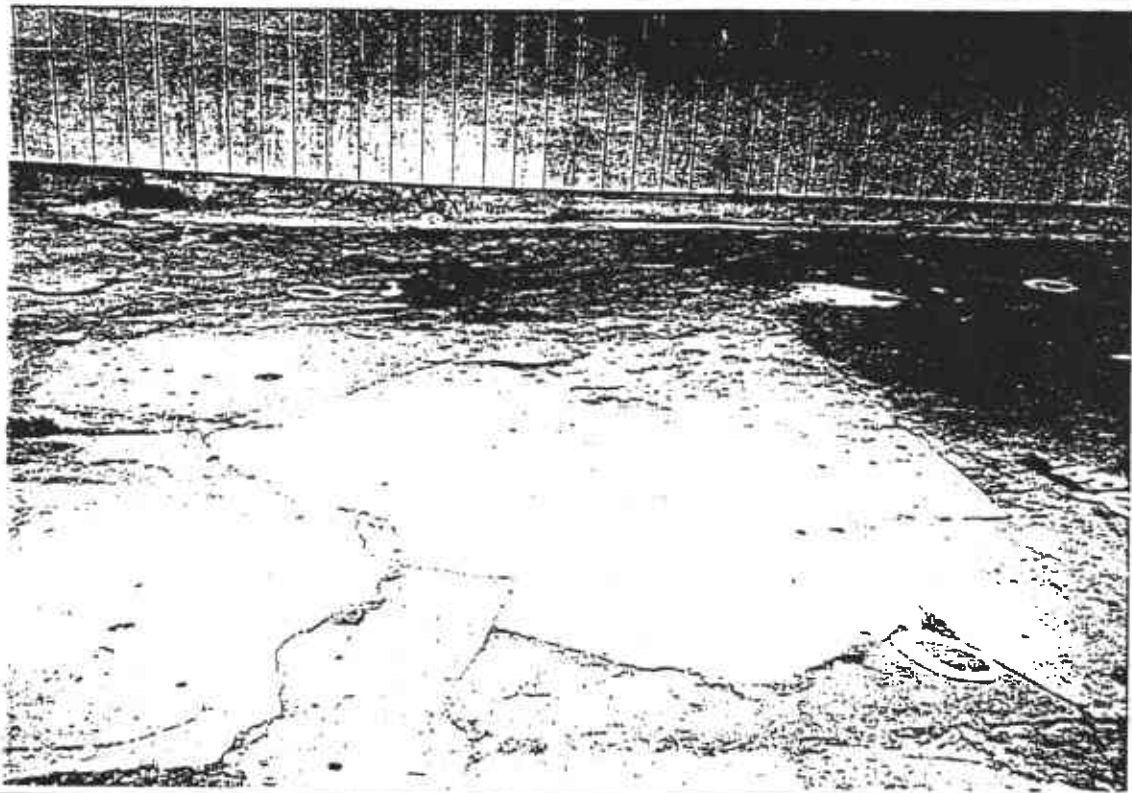


Photograph 2: View of the area of the former USTs at the southeast corner of the parking lot.

LIMITED PHASE I AND PHASE II ENVIRONMENTAL SITE ASSESSMENT
1450 Fruitvale Avenue
Oakland, CA 94601



Photograph 3: View of the area of the former fuel dispensing island just south of the on-site building.



Photograph 4: Close-up view of the former fuel dispensing island, looking north

LIMITED PHASE I AND PHASE II ENVIRONMENTAL SITE ASSESSMENT

1450 Fruitvale Avenue

Oakland, CA 94601



Photograph 5: View of the northern portion of the site, looking east.



Photograph 6: View of the geoprobe sampling conducted on July 8, 1998.

LIMITED PHASE I AND PHASE II ENVIRONMENTAL SITE ASSESSMENT
1450 Fruitvale Avenue
Oakland, CA 94601



Photograph 7: Close-up view of the parking lot depicting the poor condition of the asphalt.



Photograph 8: View of the adjacent properties west of the site, looking northwest from the site.

APPENDIX B

Building Permits

PLOT PLAN

REPORT OF INVESTIGATOR

No. 499562

APPLICATION

Permit for Alterations

At 1450-2-4

(House Number)

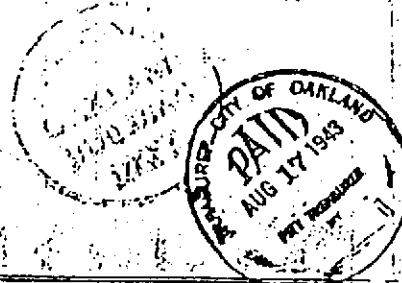
National Housing Agency Owner
James J. Moore Contractor

Cost \$ 150.00

Fee \$ 4.50

Issued

AUG 17 1943



Permission is hereby granted to erect, alter or repair the building described in this application in accordance with the Building Ordinances of the City of Oakland, and to the satisfaction of the Building Inspector.

Approved

E. U. ROUSSELL
Chief Building Inspector

By

THIS PERMIT DOES NOT COVER ANY ELECTRICAL OR PLUMBING WORK.

8-20-43 - good Prog. - 21

P.O.K. 8-25-43 - 21

10-2-43 - R and O.K. - 21

R.O.K. 10-4-43 - 21

W.O.K.

10-8-43 - Part L.O.K. - 21

L.O.K. 10-11-43 - 21

PLASTER O.K.

FINAL O.K. 12-8-43 - 21

PLANS CHECKED

- Zoning
- Setback Line
- Fire Limits
- Area Limit
- Court Areas
- Height Limit
- Garage Area
- Ventilation
- Chimneys and Flues
- Type of Frame
- Exterior Walls
- Floor Construction
- Soil
- Foundation
- Retaining Walls
- Engineering

APPROVED:

Plan Checker

AFFIDAVIT

I hereby make affidavit that the information contained in this application and on the plans and specifications is true and contains a correct description of the proposed work. All said work is to be done in accordance with the State Housing Act. I am authorized to act as agent for the owner.

Subscribed and sworn to before me this

day of _____ 1943

Deputy City Clerk

PLOT PLAN

REPORT OF INVESTIGATOR

No. B 3717

APPLICATION

Permit for *Repair*

At 1458 *Franklin*
(House Number)

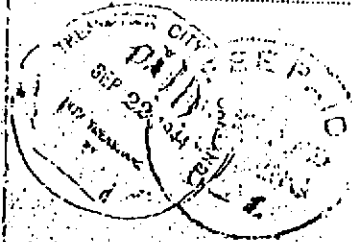
Jerry Polstein Owner

Contractor

Cost \$ *700* Fee \$ *2.00*

SEP 21 1944

Issued



Permission is hereby granted to erect, alter or repair the building described in this application in accordance with the Building Ordinances of the City of Oakland, and to the satisfaction of the Building Inspector.

Approved *E. U. ROUSSELL*
Chief Building Inspector

By *[Signature]*
THIS PERMIT DOES NOT COVER ANY ELECTRICAL OR PLUMBING WORK.

F. O. K.

R. O. K. *9-23-44* — *H*

9-27-44 - Comp. — *H*

W. O. K.

L. O. K.

PLASTER O. K.

FINAL O. K. *1-11-45* — *H*

PLANS CHECKED

- Zoning
- Setback Line
- Fire Limits
- Area Limit
- Court Areas
- Height Limit
- Garage Area
- Ventilation
- Chimneys and Flues
- Type of Frame
- Exterior Walls
- Floor Construction
- Soil
- Foundation
- Retaining Walls
- Engineering

APPROVED:

Plan Checker

AFFIDAVIT

I hereby make affidavit that the information contained in this application and on the plans and specifications is true and contains a correct description of the proposed work. All said work is to be done in accordance with the State Housing Act. I am authorized to act as agent for the owner.

Subscribed and sworn to before me this _____ day of _____ 194_____

Deputy City Clerk

66-10-4B/4A
Case 5150

WRITE IN INK—FILE TWO COPIES

APPLICATION FOR A BUILDING PERMIT

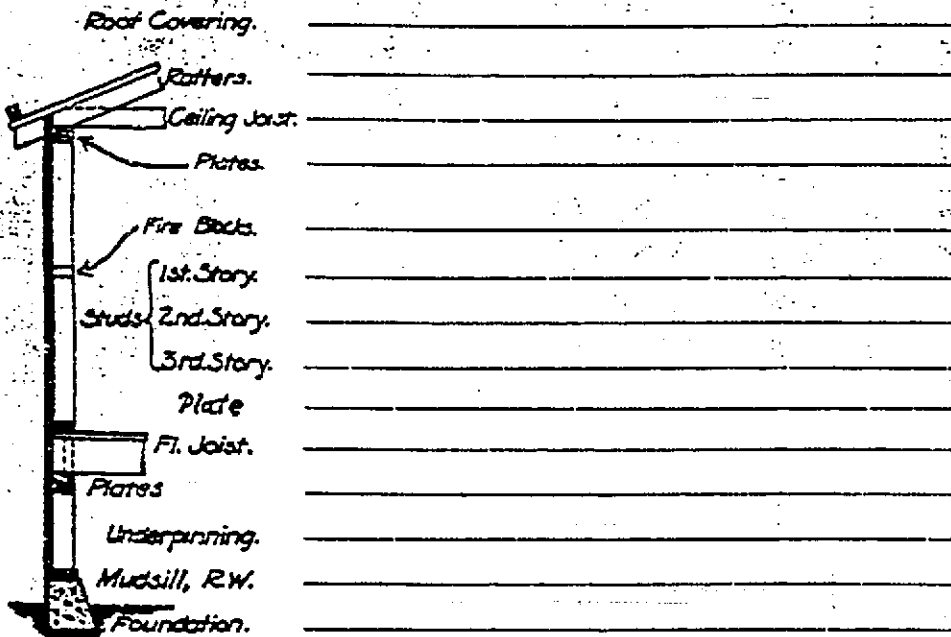
APPLICATION IS HEREBY MADE TO THE BUILDING DEPARTMENT OF THE CITY OF OAKLAND FOR PERMISSION TO DO THE FOLLOWING WORK AT

Number North East Corner Fruitvale and Farmerson Street _____
Ave. _____

WRITE PLAINLY FULL DESCRIPTION OF WORK TO BE DONE
All new construction must be described as to size, span and spacing

Alteration of Market into 8 apartments
to house War Workers

Bldg is Wood Frame and Stucco



Entire cost of work (This must include everything necessary for complete reconstruction of work)

\$ 15,000

Building now used as Market

Building to be used as Capt. House By E. J. Moore

I hereby agree to save, indemnify and keep harmless the City of Oakland and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any wise accrue against the City in consequence of the granting of this permit, or from the use or occupancy of any sidewalk, street or sub-sidewalk or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted.

Contractor Ernest J. Moore } Owner National Housing Agency
 (or any) Prinda }
 Address 703 Market St. S.F. }
 Architect A.A. Cantin } Address Syndicate Bldg.
 Address 703 Market St. S.F. } By E. J. Moore

Ordinance 1485 N.S., Section 86: "When a building is ready for lathing or sheathing on the inside, the Building Inspector shall be notified. The rough STUDDING SHALL NOT BE COVERED or in any way concealed from view until inspection has been made and the written approval of the Building Inspector obtained."

The department will call up Telephone No. Prinda 2149 if any alterations or changes are necessary on the plans submitted.

STATE LICENSE No. 66,341 CITY LICENSE No. 20865

Case No. _____
Plan. Com.

City Manager's
Permit _____

WRITE IN INK — FILE TWO COPIES

Application to Alter, Repair, Add to Or Wreck a Building
CITY OF OAKLAND, BUILDING DEPARTMENT

Number 1450-62 Fruitvale Ave. Avenue
Street

- 1. Type of Building I, II, III, IV, V
- 2. Type of Occupancy A, B, C, D, E, F, G, H, I, J
- 3. City Zone A, B, C, D, E, F, G, H, I
- 4. Fire Zone 1, 2, 3, 4

For Office Use Only

5. If in Port Area, file three applications.

6. Present use of building _____ Families _____ Rooms _____
(Store, Dwelling, Apartment House, Hotel or other purposes)

7. Proposed use of Building _____ Families _____ Rooms _____
(Store, Dwelling, Apartment House, Hotel or other purposes)

8. State how many buildings now on lot and give use of each _____
(Store, Dwelling, Apartment House, Hotel or other purposes)

9. Size of existing Building _____ Number of stories high one

10. Describe briefly all proposed construction work: to remove present building for salvage
one story building

Footings: Width _____ Depth in Ground _____ Width of Wall _____ Mudsill _____

11. Size of Studs @ _____ Size of Floor Joists @ _____

Size of Rafters @ _____ Roof Covering _____

12. VALUATION OF PROPOSED WORK:

Including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electric wiring and elevator equipment therein or thereon, \$ 1000

I hereby agree to save, indemnify and keep harmless the City of Oakland and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any wise accrue against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or sub-sidewalk, or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted.

Contractor (if any) _____

Address _____

Certified State Architect License No. _____

Licensed State Engineer License No. _____

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all City ordinances and State laws regulating building construction.
Signature of _____

Owner Richfield Oil Corp.

Address 100 Illinois St. S.F.

Authorized Agent Chimney per theory

COST OF WORK TO BE CHECKED BEFORE FINAL INSPECTION

Do not lath, sheath, or otherwise conceal any portion of walls or ceiling until the inspection card has been signed by the ELECTRICAL and PLUMBING INSPECTORS. Following the approval of the ELECTRICAL and PLUMBING INSPECTORS, call the BUILDING INSPECTOR before proceeding further with the work.

The Department will call up Telephone No. GA-11740 if any alterations or changes are necessary on the plans submitted.

CONTRACTOR'S STATE LICENSE No. _____ AND CITY LICENSE No. _____

If the work herein described is not commenced within sixty (60) days after the issuing of this permit, this permit becomes null and void as provided in Section 16 of Part 1 of Ordinance 2745 C.M.S.

PLOT PLAN

Cancelled
No. B30671

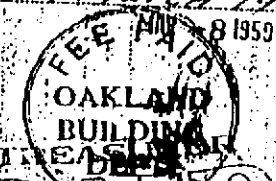
APPLICATION FOR A PERMIT TO
ALTER, REPAIR, ADD TO OR
WRECK A BUILDING

Case No. _____
Pta. Con. _____
Richard Oil Corp. Owner

Job Location ✓ Contractor _____
No. *1450 - 62 Fruitvale Ave*

COST OF WORK TO
BE CHECKED BEFORE
FINAL INSPECTION
Cost \$ *500* Fee \$ *30*

Date *7 March 1950*



Permission is hereby granted to alter, repair, add to
or wreck the building or structure described in this
application in accordance with Ordinance No. 2745
C.M.S. and all other Ordinances related thereto in
the City of Oakland, and to the satisfaction of the
Building Inspector.

Approved: _____
Chief Building Inspector
M. P. KITCHEL

By _____

P. O. K.

R. O. K.

W. O. K.

L. O. K.

PLASTER O. K.

FINAL O. K.

not started 2/13/50 CRB

not started
Cancelled
CRB

PLOT PLAN

INSPECTED No. B34056 ⁵⁰⁵

APPLICATION FOR A PERMIT
TO ERECT A BUILDING

Case No. _____
Plas. Com. _____

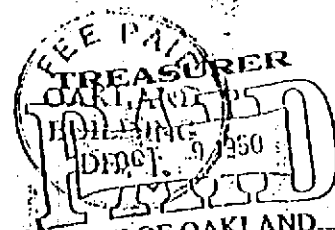
Richfield Oil Co. Owner

Triangle Concrete Co. Contractor

Job Location
No. 1450 Fruitvale Ave.

Cost \$ 6000 Fee \$ 30
Cost of work to be checked before final inspection

Date OCT - 9 1950



CITY OF OAKLAND
Permission is hereby granted to erect the building or structure described in this application in accordance with Ordinance No. 2473 C.M.S., and all other Ordinances related thereto in the City of Oakland, and to the satisfaction of the Building Inspector.

Approved _____ M. P. KIRCHBL, Building Inspector.

By MKB

F.O.K. 12/6/50

Permit - 3/13/51

R.O.K. _____

W.O.K. _____

I.O.K. _____

PLASTER O.K. _____

FINAL O.K. 5/8/57

10-23-57
[Signature]

Case No. 8878
Misc. Com.

City Manager's Permit 72391

WRITE IN INK - FILE TWO COPIES

Application to Erect a New Building CITY OF OAKLAND, BUILDING DEPARTMENT

Number FRUITVALE AND FARNUM S. REETS # 1450 Fruitvale Avenue Street

- 1. Type of Building I, II, III, IV, V
- 2. Type of Occupancy A, B, C, D, E, F, G, H, I, J
- 3. City Zone A, B, C, D, E, F, G, H, I
- 4. Fire Zone 1, 2, 3, A
- 5. If in Port Area, file three applications.

For Office Use Only

- 6. Size of new building 24' x 43' No. of Stories ONE
- Height to highest point 14' Size of Lot 100' x 111'
- 7. Material of Exterior Walls STEEL Type of Roofing CORRUGATED IRON
- 8. Occupancy SERVICE STATION
(Distilling, Garage, private public, Service Station, Factory, etc.)
- 9. State how many buildings now on lot and give use of each NONE
(Store, Dwelling, Apartment House, Hotel or other purpose)
- Footings: Width 12" Depth in Ground 12" Width of Wall SHEET IRON Sill NONE
- 10. Size of Sills NONE Size of Floor Joists NONE
- Size of Rafters NONE Roof Covering SHEET METAL

11. VALUATION OF PROPOSED WORK:

Including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electric wiring and elevator equipment therein or thereon, \$6000.00 COST OF WORK TO BE CHECKED BEFORE FINAL INSPECTION

I hereby agree to save, indemnify and keep harmless the City of Oakland and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any wise accrue against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or sub-sidewalk, or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted.

Contractor (if any) TRIANGLE CONSTRUCTION CO.

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all City ordinances and State laws regulating building construction.
Signature of

Address 2410 SUTTERVILLE ROAD, SACRAMENTO

Certified Architect State License No. _____

Owner RICHFIELD OIL CO.
400 ILLINOIS STREET

Licensed Engineer State License No. _____

Address SAN FRANCISCO, CALIFORNIA

Authorized Agent _____

Do not lath, sheath, or otherwise conceal any portion of walls or ceiling until the inspection card has been signed by the ELECTRICAL and PLUMBING INSPECTORS. Following the approval of the ELECTRICAL and PLUMBING INSPECTORS, call the BUILDING INSPECTOR before proceeding further with the work.

The Department will call up Telephone No. HILLCREST 72392 any alterations or changes are necessary on the plans submitted. SACRAMENTO

CONTRACTOR'S STATE LICENSE No. 94532 AND CITY LICENSE No. _____

If the work herein described is not commenced within sixty (60) days after the issuing of this permit, this permit becomes null and void as provided in Section 19 of Part 1 of Ordinance 2745 C.M.S.

Street: FRUITVALE Sfx* AV Nbr: 1450
or Parcel#: _____ Active Only? Y/N N

Appl Type* _____

| * Street Name | | Sfx | Nbr | Parcel Nbr | Applic# | P | Disposition | Pl |
|---------------|--|-----|------|------------------|----------|---|-------------|----|
| I | FRUITVALE | AV | 1450 | 033 -2121-022-00 | B8224328 | 3 | EX 06/10/86 | 0 |
| | Desc: ADD 2 STORY STORES | | | | | | | |
| - | FRUITVALE | AV | 1450 | 033 -2121-022-00 | B8644672 | 1 | F 07/15/87 | 0 |
| | Desc: INTERIOR SHEETROCK WORK | | | | | | | |
| I | FRUITVALE | AV | 1450 | 033 -2121-022-00 | B8801823 | 6 | EX 10/06/90 | 0 |
| | Desc: DEMOLISH OLD GAS STATION PARKING FOR BUILDING UNDER B8644672 | | | | | | | |
| I | FRUITVALE | AV | 1450 | 033 -2121-022-00 | B9301100 | 5 | EX 08/16/94 | 9 |
| | Desc: FINISH WORK STARTED UNDER PERMITS B8224328 | | | | | | | |
| I | FRUITVALE | AV | 1450 | 033 -2121-022-00 | B9600972 | 5 | EX 02/18/97 | 9 |
| | Desc: to finish old permit for addition of commercial units. Exp. | | | | | | | |
| - | FRUITVALE | AV | 1450 | 033 -2121-022-00 | E8700684 | 5 | EX 04/15/92 | 0 |
| | Desc: | | | | | | | |
| - | FRUITVALE | AV | 1450 | 033 -2121-022-00 | E8801839 | 3 | EX 04/15/92 | 0 |
| | Desc: NEW OFFICE SPACE | | | | | | | |
| - | FRUITVALE | AV | 1450 | 033 -2121-022-00 | E9602313 | 1 | EX 03/19/97 | 1 |
| | Desc: to final new 2 story retail started under E8801839 | | | | | | | |

F1=Hlp F3=Ext F4=More/Less F5=Chg F12=Prv

Applic#* B8224328 Type: 3
Date Filed: 03/04/82

Disposition: EX PRMT EXPIRE 06/10/8

| | NUMBER | STREET NAME | SUFFIX* | SUITE | ASSESSOR | PARCEL# |
|---------------|--------|-------------|---------|-------|----------|--------------|
| Site addr: 1) | 1450 | FRUITVALE | AV | | 033 | -2121-022-00 |
| 2) | | | | | | |
| 3) | | | | | | |

Bldg: Floor:
Proj. Descr: ADD 2 STORY STORES

Prcl Cond: Cond Aprvl: Viol:
PC:

Insp Div: BD-INSP Dist: 07 Scope Includes: BLDG ELEC MECH PLMB
Track: Lic# Phone# Applicant

Owner:
Contractor:
Arch/Engr:
Agent: CURTIS THOMAS

()261-5939

Applicant Addr: City/State: Zip: No Fee:
Other Related Applic#s: Wrkrs Comp* UN

F3=Ext F23=Dsc F24=Com

Applic#* B8224328
 Type: 3 Filed: 03/04/82 Disposition: EX PRMT EXPIRE 06/10/86 No Exp:
 Plans: 0 Survey: Soil Rpt: Calcs E: S: Priority:
 Est Cost: 72,200 Rev Cost: 0 Add Cost: 0

| | -----EXISTING----- | -----PROPOSED----- |
|------------------------|--------------------|--------------------|
| Nbr of Bldgs on Lot: | 00 | 00 |
| Nbr of Dwelling Units: | 0000 | 0000 |
| Nbr of Stories: | 000 | 000 |
| Construction Type* | | |
| Occupancy Codes* | | |
| Building Use* | | |
| Zoning* | | |

| | | | | |
|------------|--------------|---------------|---------------|-----------|
| Perm Plan: | Sign Type: | Bldg Sq Ft: | Posting Date: | |
| EQ Repair: | Bdrm Count: | Address Fee: | URM: | Sprnk* |
| Outsd-PC: | Tenant Impr: | Pest Control: | Fire Damg: | Invstg: |
| OTC: | Outsd-EC: | No Fld-Chk: | Cnt-Revw: | MFG: |
| | | | | No Fee: |
| | | | | Parallel: |

F3=Ext F12=Page 1

F24=Com ENTER=Next Selection

Complaint#: 9200017
 Filed: 01/13/92 Rcvd by: SJB Station* BD-INSP Source* 4 FIELD OBSERVATION
 Address: 1450 FRUITVALE AV Suite: Parcel: 033 -2121-022-00
 Responsible Station* CE-INSP Dist: Primary Inspector Alternate
 Existing Use* Parcel Condition: X
 Descr: AUTO PARTS STORE AND TIRE REPAIR - WORK W/O PERMIT- CONSTRUCTION -
 HAZARDS - SOLID FUEL HEATER W/O VENT

Notice:
 Owner: THOMAS CURTIS L & JOYCE
 Address: 810 LISBON AV OAKLAND CA Tel:
 Agent: Zip: 94601

Complainant: FIRE MARSHAL
 Complainant Response Requested? (Y/N): Y Response: Tel:
 Ltr/Tel/Oth:

| * <u>Violation Types*</u> | <u>Current</u> | <u>Station*</u> | <u>Dist</u> | <u>Last Action</u> | <u>Date</u> | <u>By</u> | <u>Dispositio</u> |
|---------------------------|----------------|-----------------|-------------|--------------------|-------------|-----------|-------------------|
| OBC 41 | | CE-INSP | 05 | NTC OF VIOL | 03/12/96 | ALH V | 03/08/9 |

Complaint#: 9605545

Filed: 10/09/96 Rcvd by: HOL Station* CD-INSP Source* 2 TELEPHONE CALL
Address: 1450 FRUITVALE AV Suite: Parcel: 033 -2121-022-00
Responsible Station* CD-INSP Dist: KG Primary Inspector Alternate
Existing Use* Parcel Condition: X
Descr: CERTIFICATE OF APPLICATION SUBMITTED. REQUEST TO TERMINATE SUBSTAND-
ARD/PUBLIC DECLARATION ON TITLE.

Notice:

Owner: THOMAS CURTIS L & JOYCE

Address: 810 LISBON AV OAKLAND CA

Tel:
Zip: 94601

Agent:

Complainant: REQUESTOR: CURTIS LEE THOMAS (OWNER)

Tel: (510)261-593
Ltr/Tel/Oth:

Complainant Response Requested? (Y/N): Y Response:

| * Violation Types* | Current Station* | Dist | Last Action | Date | By | Dispositio |
|--------------------|------------------|------|-------------|------|----|------------|
| OHC 11 | CD-INSP | KG | | | | V 10/24/9 |

F2=Bookmark F3=Ext F24=Com

ENTER=Next Selection

Bottom

Complaint#: 9702609

Filed: 05/15/97 Rcvd by: HOL Station* CD-INSP Source* 2 TELEPHONE CALL
 Address: 1450 FRUITVALE AV Suite: Parcel: 033 -2121-022-00
 Responsible Station* CD-INSP Dist: KG Primary Inspector Alternate
 Existing Use* Parcel Condition: X
 Descr: SUBSTANDARD BUILDING - OCCUPIED - BLIGHT. BUILDINGS BUILT SEVERAL
 YEARS AGO. ALL PERMITS EXPIRED - CONSTRUCTION NOT COMPLETE.

Notice:

Owner: THOMAS CURTIS L & JOYCE Tel:
 Address: 810 LISBON AV OAKLAND CA Zip: 94601
 Agent:

Complainant: STAFF-K. GUNARI Tel: (510)238-620
 Complainant Response Requested? (Y/N): N Response: Ltr/Tel/Oth:

| * Violation Types* | Current Station* | Dist | Last Action | Date | By | Disposition |
|--------------------|------------------|------|-------------|------|----|-------------|
| OMC 20 | CD-INSP | KG | | | | C 05/23/9 |

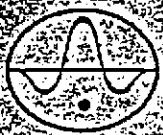
F2=Bookmark F3=Ext F24=Com ENTER=Next Selection

Bottom

APPENDIX C

Geophysical Survey Report

S
P
E
C
T
R
U
M



GASCH

• GEOPHYSICS •

Results of Geophysical Investigation

Parking Lot
1450 Fruitvale Ave.
Oakland, California

Prepared for: Glenfos
Chatsworth, California

Date of Investigation: June 26, 1998

Prepared by:

Chuck Carter

Chuck Carter
Project Manager
Spectrum-Gasch Geophysics.
3174 Iuyung Drive, Bldg. 2
Rancho Cordova, CA 95742

Warranty:

Spectrum Geophysics was retained to conduct a geophysical investigation of the above facility to characterize the shallow subsurface. Our findings are subject to certain limitations due to site conditions and the instruments employed. We conducted this investigation in a manner consistent with our profession using similar methods. No other warranty as to the performance or deliverables is expressed or implied.

San Diego •

Los Angeles

• Sacramento

www.spectrum-geophysics.com

Contents

Introduction

Methods

Results

Conclusions

Figure 1 Area of geophysical investigation on a portion of a parking lot, 1450 Fruitvale Avenue, Oakland, California

Figure 2 Total field magnetics intensity contour map

Results of Geophysical Investigation
Parking Lot
1450 Fruitvale Avenue
Oakland, California

Introduction

On June 26, 1998 Spectrum-Gasch Geophysics conducted a geophysical investigation on a portion of a parking lot located at 1450 Fruitvale Avenue Oakland, California. The purpose was to identify the location of detectable underground storage tanks (USTs) and investigate twelve proposed exploratory boring sites (PEBS) for detectable subsurface interferences.

Methods

UST Investigation

The instruments selected for this investigation included an EG&G Geometrics 856 AX proton-precession magnetometer, electromagnetic utility-locators, and ground penetrating radar (GPR).

The total field magnetics method was employed in the effort to delineate areas where large ferromagnetic objects, such as USTs, may be buried. A grid of north/south traverses (Lines) spaced 10 feet apart was established with the sampling nodes demarcated with spray chalk at 10-foot intervals (Stations).

All data were stored internally within the instrument and transferred to a lap-top computer for processing. A total field magnetics contour map was generated in the field using Golden's Windsurf software. This map was used to identify anomalous areas of interest.

The geomagnetic activity for June 26, 1998 was reported by NOAA (National Oceanic and Atmospheric Association) as quiet to major storm. The background magnetics field strength was measured at approximately 48,000 gammas.

PEBS Investigation

- 1) We visually inspected the area surrounding each proposed exploratory boring site (PEBS) for evidence of subsurface utilities or other buried features and review available subsurface utility drawings.
- 2) Each identified utility within a radius of 5 feet was investigated using active electromagnetic utility-locating instruments and its surface trace demarcated on the ground using a color code established by the American Public Works Association (red for electric, blue for water, and etc.).
- 3) Each PEBS was investigated with a passive electromagnetic receiver tuned to 50/60 cycle electrical current to detect possible electrical lines (with voltages up to 30,000 volts) which may be nearby. The surface trace of detected electrical lines was demarcated on the ground using red spray paint.
- 4) Each PEBS was investigated with one operator holding an electromagnetic transmitter over the site while the other operator walked in a circle (with a radius of approximately 10 feet when practical) to detect increases in signal strength which would suggest possible subsurface utilities. Each suspect signal increase was further investigated to discern a signal propagating utility.
- 5) Each PEBS was investigated using a shallow focus terrain conductivity meter to identify possible buried and abandoned conduits as well as piping which may have no surface expression or which may be less than 20 feet in length.
- 6) Detected subsurface features were marked on the ground with spray paint in a color code established by the American Public Works Association. The PEBS were marked with 12-inch white spray-painted circles.

Results

Several high magnitude magnetics anomalies were identified in the magnetics data, all of which could be attributed to above ground cultural features, such as the building or street light and phones, or to buried conduits (see Figure 2).

The 3,000 gamma monopole centered on Line 20 at Station 40 can be attributed to the detected and abandoned product conduit. The 1,200 gamma low centered on Line 10 at Station 10 can be attributed to an overhanging light.

In the southeastern corner of the area investigated we identified an 10 by 20-foot area that contains buried metal debris however, the magnetics signature of this area is not consistent with that of a UST. It is important to note that the source of the anomalous area cannot be known without excavation.

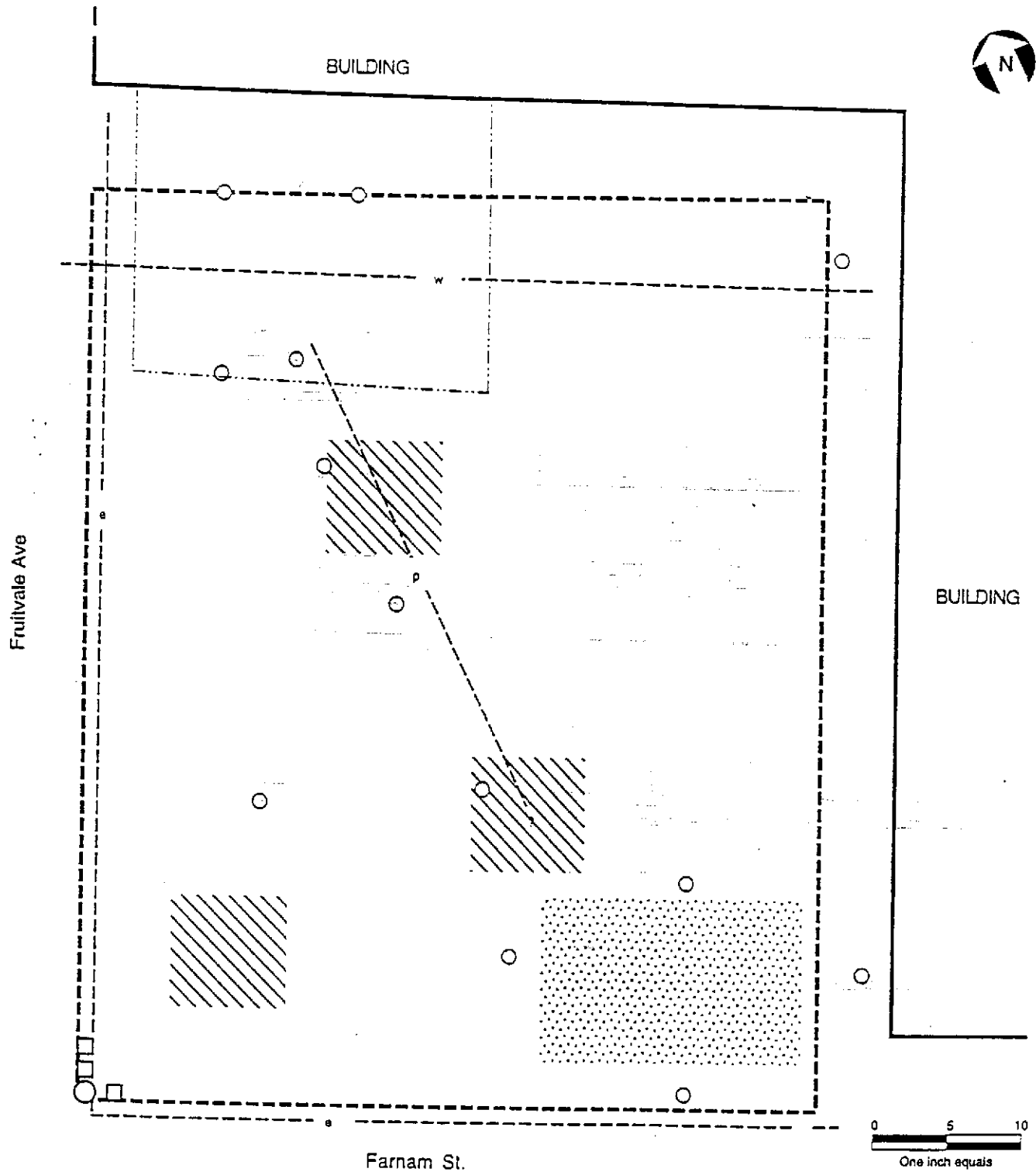
FIGURE 1
AREA OF SUBSURFACE INVESTIGATION
ON A PORTION OF A PARKING LOT
1450 FRUITVALE AVENUE
OAKLAND, CALIFORNIA

SPECTRUM
GASCH



GEOPHYSICS

3174 Luyang Drive Bldg. 2
 Rancho Cordova, CA 95742



EXPLANATION

- | | | | | | |
|--|---------------------------------|--|--------------------------------|--|---------------------|
| | Area of magnetics investigation | | Water | | Telephone |
| | Magnetics anomaly | | Electric | | Light post |
| | Proposed boring site | | UST product | | Buried metal debris |
| | | | Continued trend not determined | | |

Project Number: B9806261M
 Date of Investigation:
 June 26, 1998
 Map by C. Carter

Not all below ground facilities may
 be represented on this map

FIGURE 2

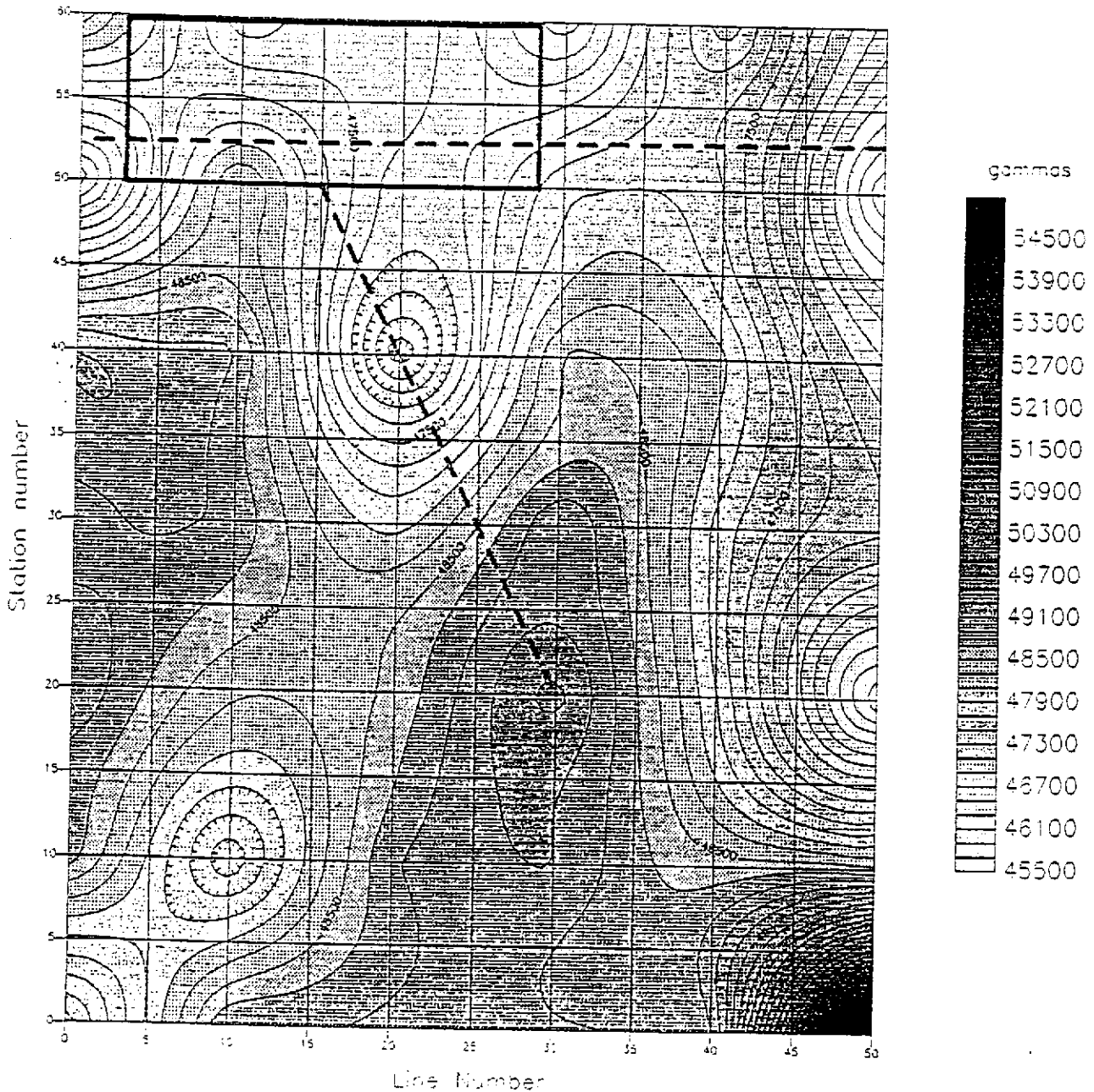
TOTAL FIELD MAGNETICS INTENSITY CONTOUR MAP

SPECTRUM
GASCH



GEOPHYSICS

3174 Luyung Drive Bldg. 2
Rancho Cordova, CA 95742



- Water conduit
- Abandoned product conduit
- Extent of overhang

Project Number: 89806261M
Date of Investigation:
June 26, 1998
Map by C. Carter




0 5 10
One inch equals
approximately ten feet

APPENDIX D

Boring Logs

SOIL BORING LOG

| | | |
|---|----------------------------------|-----------------------------------|
| Drilling Company: Gregg Drilling | Station Name: | Boring Number: GP-1 |
| Drillers: | Address: 1450 Fruitvale | Date Drilled: July 9, 1998 |
| Rig Type: Geoprobe GII-40 | City: Oakland | Depth Drilled: 12 feet |
| Rig Number: | State, Zip: CA, 94601 | Boring Diameter: 2 inches |
| Sampling Tech: Hydraulic Push | Nearest X-Street: Ferriss | Casing Diameter: NA |
| Logged By: Bill Mitchell | | |

| DEPTH BELOW SURFACE (ft) | SAMPLE INTERVAL | QVA READING (psf) | BLOW COUNTS | GRAPHIC LOG | SOIL CLASSIFICATION | SOIL DESCRIPTION <small>Color, Texture, Moisture</small> |
|--------------------------|-----------------|-------------------|-------------|---|---------------------|--|
| 5 | X | 0 | |  | GC | 1-inch asphalt, no base Fill-Clayey Gravel, some fine to coarse sand, light brown, moist, no odors |
| 10 | X | 0 | | | TO = 12 feet | Same, no odor |
| 15 | | | | | | Same, soil saturated, no Hydrocarbon odor |
| 20 | | | | | | |
| 25 | | | | | | |
| 30 | | | | | | |
| 35 | | | | | | |
| 40 | | | | | | |
| 45 | | | | | | |
| 50 | | | | | | |
| 55 | | | | | | |

Note: Collected groundwater sample GP-1. Groundwater appears clean, and perched in the UST tank pit.

| | |
|---|---|
| CLIENT NAME: Glendale Federal Bank | GLENFOS, INC. |
| PROJECT NAME: 1450 Fruitvale | Global Environmental Focus |
| PROJECT NUMBER: P1/P2-94601-061798 | 9620 Topanga Canyon Place Chatsworth, CA 91311 |

SOIL BORING LOG

| | | |
|---|---|-----------------------------------|
| Drilling Company: <u>Greez Drilling</u> | Station Name: | Boring Number: <u>GP-1</u> |
| Drillers: | Address: <u>1450 Fruitvale Avenue</u> | Date Drilled: <u>July 9, 1998</u> |
| Rig Type: <u>Geosrobe GH-40</u> | City: <u>Oakland</u> | Depth Drilled: <u>30 feet</u> |
| Rig Number: | State, Zip: <u>CA 94601</u> | Boring Diameter: <u>1 inches</u> |
| Sampling Tech.: <u>Hydraulic Push</u> | Nearest X-Street: <u>Fruitvale Street</u> | Casing Diameter: <u>NA</u> |
| Logged By: <u>Bill Mitchell</u> | | |

| DEPTH BELOW SURFACE (ft.) | SAMPLE INTERVAL | OVA READING (ppm) | BLOW COUNTS | GRAPHIC LOG | SOIL CLASSIFICATION | SOIL DESCRIPTION <small>Color, Texture, Moisture</small> |
|---------------------------|-----------------|-------------------|-------------|--|---------------------|---|
| | | | | 1- inch asphalt, no base. | ML | Clayey silt, grayish brown, moist, no Hydrocarbon odor |
| 5 | X | 0 | | Same as above, moist, no Hydrocarbon odor | | |
| 10 | X | 0 | | Same, except streaks of dark grey, and a slight odor. | | |
| 15 | X | | | Silty clay, dark brown to grey, moist, slight to moderate Hydrocarbon odor | | |
| 20 | | | | CL | | |
| 25 | | | | | | |
| 30 | X | 0 | | TD = 30 feet | | Same - no Hydrocarbon odor |
| 35 | | | | | | |
| 40 | | | | | | |
| 45 | | | | | | |
| 50 | | | | | | |
| 55 | | | | | | |

Notes: Groundwater not encountered.

| | |
|---|----------------------------|
| CLIENT NAME: <u>Glendale Federal Bank</u> | GLENFOS, INC. |
| PROJECT NAME: <u>1450 Fruitvale</u> | Global Environmental Focus |
| PROJECT NUMBER: <u>P1/P2-94601-061798</u> | 5620 Topanga Canyon Place |
| | Chatsworth, CA 91311 |

SOIL BORING LOG

| | | |
|---|--|-----------------------------------|
| Drilling Company: <u>Gregg Drilling</u> | Station Name: _____ | Boring Number: <u>GP-1</u> |
| Drillers: _____ | Address: <u>1450 Fruitvale</u> | Date Drilled: <u>July 9, 1998</u> |
| Rig Type: <u>Geoprobe CH-40</u> | City: <u>Oakland</u> | Depth Drilled: <u>30 feet</u> |
| Rig Number _____ | State, Zip: <u>CA 94601</u> | Boring Diameter: <u>3 inches</u> |
| Sampling Tech: <u>Hydraulic Push</u> | Nearest X-Street: <u>Canaan Avenue</u> | Casing Diameter: <u>NA</u> |
| Logged By: <u>Bill Mitchell</u> | | |


| DEPTH BELOW SURFACE (ft) | SAMPLE INTERVAL | OVA READING (ppm) | BLOW COUNTS | GRAPHIC LOG | SOIL CLASSIFICATION | SOIL DESCRIPTION <small>Color, Texture, Moisture</small> |
|--------------------------------|--------------------|-------------------------|----------------|----------------|------------------------|---|
| 0 | | | | | | 1+ inch asphalt no base |
| 5 | X | 0 | | | ML | Clayey silt, greenish brown, moist, no Hydrocarbon odor |
| 10 | X | 210 | | | | Same, moist no Hydrocarbon odor. |
| 15 | X | 2 | | | | Same, moist, slight to moderate Hydrocarbon odor |
| 20 | X | 39 | | | | Same, moderate Hydrocarbon odor |
| 25 | X | 1 | | | GP TD = 28 feet | Sandy Gravel, some clay, light brown, moist, no Hydrocarbon odor. |
| 30 | | | | | | |
| 35 | | | | | | |
| 40 | | | | | | |
| 45 | | | | | | |
| 50 | | | | | | |
| 55 | | | | | | |

Note: Groundwater not encountered

| | |
|---|----------------------------|
| CLIENT NAME: <u>Glendale Federal Bank</u> | GLENFOS, INC. |
| PROJECT NAME: <u>1450 Fruitvale</u> | Global Environmental Focus |
| PROJECT NUMBER: <u>P1/P2-94601-061758</u> | 9620 Topanga Canyon Place |
| | Chatsworth, CA 91311 |

SOIL BORING LOG

| | | |
|---|---------------------------------------|-----------------------------------|
| Drilling Company: <u>Gregg Drilling</u> | Station Name: _____ | Boring Number: <u>GP-4</u> |
| Drillers: _____ | Address: <u>1450 Fruitvale Avenue</u> | Date Drilled: <u>July 9, 1998</u> |
| Rig Type: <u>Geoprobe GJK-40</u> | City: <u>Oakland</u> | Depth Drilled: <u>28 feet</u> |
| Rig Number: _____ | State, Zip: <u>CA, 94601</u> | Boring Diameter: <u>2 inches</u> |
| Sampling Tech: <u>Hydraulic PAM</u> | Nearest X-Sheet: <u>Farnam</u> | Casing Diameter: <u>NA</u> |
| Logged By: <u>Bill Mitchell</u> | | |

| DEPTH BELOW SURFACE (ft) | SAMPLE INTERVAL | DVA READING (psi) | BLOW COUNTS | GRAPHIC LOG | SOIL CLASSIFICATION | SOIL DESCRIPTION <small>Color, Texture, Moisture</small> |
|--------------------------|-----------------|-------------------|-------------|---|---------------------|--|
| 5 | X | 0 | |  | GC | 1- inch asphalt, no base. Fill- Clayey Gravel, some fine to coarse sand, light brown, moist, no Hydrocarbon odor Same, moist, no Hydrocarbon odor. |
| 10 | X | 468 | | | ML TD = 12 feet | Sandy Silt, some gravel, light brown with streaks of greenish grey, strong Hydrocarbon odor |
| 15 | | | | | | |
| 20 | | | | | | |
| 25 | | | | | | |
| 30 | | | | | | |
| 35 | | | | | | |
| 40 | | | | | | |
| 45 | | | | | | |
| 50 | | | | | | |
| 55 | | | | | | |

Note: Groundwater collected at a depth of 10 feet. Obtained sample GP-4 Groundwater had no Hydrocarbon odor and appears to have been perched UST pit.

| | |
|---|---|
| CLIENT NAME: <u>Glendale Federal Bank</u> | GLENFOS, INC. |
| PROJECT NAME: <u>1450 Fruitvale</u> | Global Environmental Focus |
| PROJECT NUMBER: <u>P1/P2-94601-061798</u> | 9620 Topanga Canyon Place Chatsworth, CA 91311 |

SOIL BORING LOG

| | | |
|---|---------------------------------|-----------------------------------|
| Drilling Company: Greig Drilling | Station Name: | Boring Number: G7-3 |
| Drillers: | Address: 1450 Fruitvale | Date Drilled: July 9, 1998 |
| Rig Type: Geoprobe G11-40 | City: Oakland | Depth Drilled: 11 feet |
| Rig Number: | State, Zip: CA 94601 | Boring Diameter: 3 inches |
| Sampling Tech.: Hydraulic Push | Nearest X-Street: Farson | Casing Diameter: NA |
| Logged By: Bill Mitchell | | |

| DEPTH BELOW SURFACE (ft) | SAMPLE INTERVAL | GYA READING (psf) | BLOW COUNTS | GRAPHIC LOG | SOIL CLASSIFICATION | SOIL DESCRIPTION <small>Color, Texture, Moisture</small> |
|--------------------------|-----------------|-------------------|-------------|-------------------------|---------------------|---|
| 0 | | | | 1-inch asphalt, no base | | 1-inch asphalt, no base |
| 5 | X | | | | ML | Clayey silt, greyish brown, moist, no Hydrocarbon odor. |
| 10 | X | | | | ML | Same, moist, no Hydrocarbon odor. |
| 15 | X | | | | CL | Clayey silt, greyish brown to grey, with black streaks, moist moderate Hydrocarbon odor. |
| 20 | X | | | | ML | Silty clay, dark brown to grey, moist moderate Hydrocarbon odor. |
| 25 | | | | | TD = 22 feet | Clayey silt, some fine gravel, greyish brown with black streaks, moist slight Hydrocarbon odor. |
| 30 | | | | | | |
| 35 | | | | | | |
| 40 | | | | | | |
| 45 | | | | | | |
| 50 | | | | | | |
| 55 | | | | | | |

| | |
|---|---|
| CLIENT NAME: Glendale Federal Bank | GLENFOS, INC. |
| PROJECT NAME: 1450 Fruitvale | Global Environmental Focus |
| PROJECT NUMBER: P1/P2-94601 | 9620 Topanga Canyon Place Chatsworth, CA 91311 |

SOIL BORING LOG

| | | |
|---|------------------------------------|-----------------------------------|
| Drilling Company: Gregg Drilling | Station Name: | Boring Number: GP-4 |
| Drillers: | Address: 1450 Fruitvale | Date Drilled: July 9, 1998 |
| Rig Type: Geoprobe GH-40 | City: Oakland | Depth Drilled: 22 feet |
| Rig Number | State, Zip: CA 94601 | Boring Diameter: 1 inches |
| Sampling Tech.: Hydroselle Pass | Nearest X-Street: Fruitvale | Casing Diameter: NA |
| Logged By: Bill Mitchell | | |

| DEPTH BELOW SURFACE (ft.) | SAMPLE INTERVAL | OYA READING (ft.) | BLOW COUNTS | GRAPHIC LOG | SOIL CLASSIFICATION | SOIL DESCRIPTION <small>Color, Texture, Moisture</small> |
|---------------------------|-----------------|-------------------|-------------|-------------|---------------------|---|
| 0 | | | | | | 1-inch asphalt, no base |
| 5 | X | 0 | | | ML | Clayey silt- greyish brown, moist, no Hydrocarbon odor |
| 10 | X | 15 | | | | Same, moist, no Hydrocarbon odor |
| 15 | X | 14 | | | CL | Clayey silt, greyish brown with black streaks, moist, moderate Hydrocarbon |
| 20 | X | 1 | | | GP | Silty Clay, dark brown to grey, moist, moderate Hydrocarbon odor |
| 25 | | | | | TO = 22 feet | Clayey silt, some fine gravel, greyish brown with black streaks, moist, slight Hydrocarbon odor |
| 30 | | | | | | |
| 35 | | | | | | |
| 40 | | | | | | |
| 45 | | | | | | |
| 50 | | | | | | |
| 55 | | | | | | |

Notes: Groundwater encountered at 20 feet, rose to 9 feet in 10 minutes. Collected sample GP-4. Strong Hydrocarbon odor, and a petroleum sheen observed.

| | | |
|-----------------|-----------------------|---|
| CLIENT NAME: | Glendale Federal Bank | GLENFOS, INC. |
| PROJECT NAME: | 1450 Fruitvale | Global Environmental Focus |
| PROJECT NUMBER: | P1/P2-94601-061798 | 9620 Topanga Canyon Place Chatsworth, CA 91311 |

SOIL BORING LOG

| | | |
|---|------------------------------------|-----------------------------------|
| Drilling Company: Greig Drilling | Station Name: | Boring Number: CP-7 |
| Drillers: | Address: 1450 Fruitvale | Date Drilled: July 9, 1998 |
| Rig Type: Geoprobe GW-40 | City: Oakland | Depth Drilled: 22 feet |
| Rig Number: | State, Zip: CA 94601 | Boring Diameter: 2 inches |
| Sampling Tech: Hydraulic Piston | Nearest X-Street: Fruitvale | Casing Diameter: NA |
| Logged By: Bill Mitchell | | |

| DEPTH BELOW SURFACE (ft.) | SAMPLE INTERVAL | OVA READING (ppm) | FLOW COUNTS | GRAPHIC LOG | SOIL CLASSIFICATION | SOIL DESCRIPTION <small>Color, Texture, Moisture</small> |
|---------------------------|-----------------|-------------------|-------------|-------------|---------------------|--|
| 0 | | | | | ML | 1-inch asphalt, no base Clayey silt, greyish brown, moist, no Hydrocarbon odor |
| 5 | X | 100 | | | | Same, moist, strong Hydrocarbon odor |
| 10 | X | 323 | | | ML | Sandy silt, some gravel, light brown with streaks of greenish grey, moist, strong Hydrocarbon odor |
| 15 | X | 25 | | | | Silty Clay, dark brown to grey, moist, moderate Hydrocarbon odor |
| 20 | | 136 | | | | Sandy gravel, some clay, light brown, moist, moderate Hydrocarbon odor |
| 25 | | | | | | |
| 30 | | | | | | |
| 35 | | | | | | |
| 40 | | | | | | |
| 45 | | | | | | |
| 50 | | | | | | |
| 55 | | | | | | |

TD = 16 feet

note: Groundwater not encountered

| | |
|---|---|
| CLIENT NAME: Glendale Federal Bank | GLENFOS, INC. |
| PROJECT NAME: 1450 Fruitvale | Global Environmental Focus |
| PROJECT NUMBER: P1/P2-94601-061798 | 9520 Topanga Canyon Place Chatsworth, CA 91311 |

SOIL BORING LOG

| | | |
|---|----------------------------------|-----------------------------------|
| Drilling Company: <u>Gregg Drilling</u> | Station Name: | Boring Number: <u>GP-4</u> |
| Drillers: | Address: <u>1450 Fruitvale</u> | Date Drilled: <u>July 9, 1998</u> |
| Rig Type: <u>Geoprobe GH-40</u> | City: <u>Oakland</u> | Depth Drilled: <u>16 feet</u> |
| Rig Number: | State, Zip: <u>CA 94601</u> | Boring Diameter: <u>3 inches</u> |
| Sampling Tech.: <u>Hydraulic Push</u> | Nearest X-Street: <u>Parsons</u> | Casing Diameter: <u>NA</u> |
| Logged By: <u>Bill Mitchell</u> | | |

| DEPTH BELOW SURFACE (ft.) | SAMPLE INTERVAL | OVA READING (ppm) | BLOW COUNTS | GRAPHIC LOG | SOIL CLASSIFICATION | SOIL DESCRIPTION <small>Color, Texture, Moisture</small> |
|---------------------------|-----------------|-------------------|-------------|-------------|---------------------|--|
| 0 | | | | | ML | 0.5 inch concrete, no base Clayey silt, greyish brown, moist, no Hydrocarbon odor |
| 5 | X | 5 | | | | Same, moist, slight Hydrocarbon odor |
| 10 | X | 85 | | | ML | Sandy silt, some gravel, light brown with streaks of grey, strong Hydrocarbon odor |
| 15 | X | 36 | | | | Same, moist, slight to moderate Hydrocarbon odor |
| 20 | X | | | | GP | |
| 25 | | | | | | |
| 30 | | | | | | |
| 35 | | | | | | |
| 40 | | | | | | |
| 45 | | | | | | |
| 50 | | | | | | |
| 55 | | | | | | |

TD = 22 feet

Note: Groundwater not encountered

| | |
|--|-----------------------------------|
| CLIENT NAME: <u>Glendale Federal Bank</u> | <u>GLENFOS, INC.</u> |
| PROJECT NAME: <u>1450 Fruitvale Avenue</u> | <u>Global Environmental Focus</u> |
| PROJECT NUMBER: <u>P1/P2-94601-061798</u> | <u>9620 Topanga Canyon Place</u> |
| | <u>Chatsworth, CA 91311</u> |

APPENDIX E

Chain of Custody and Analytical Report



LABORATORY ANALYSIS RESULTS

Client: Glenfos, Inc.
Project No.: P1/12 94601-061798
Project Name: Oakland, CA
Sample Matrix: Soil
Method: EPA 7420 (Total Lead)

AA Project No.: A179135
Date Received: 07/10/98
Date Reported: 07/20/98
Units: mg/Kg

| AA I.D. No. | Client I.D. No. | Date Sampled | Date Analyzed | Results | MRL |
|-------------|-----------------|--------------|---------------|---------|-----|
| 73367 | GP3@10 | 07/08/98 | 07/14/98 | 7.3 | 3 |
| 73372 | GP4@10 | 07/08/98 | 07/14/98 | 4.1 | 3 |
| 73378 | GP6@10 | 07/08/98 | 07/14/98 | 6.2 | 3 |

MRL: Method Reporting Limit


George Havalias
Laboratory Director



LABORATORY QA/QC REPORT

Page 1

Client: Glenfos, Inc.
 Project Name: Oakland, CA
 Method: EPA 7420 (Total Lead)
 Sample ID: Matrix Spike
 Concentration: 50 mg/Kg

AA ID No.: 73404
 Project No.: P1/12 94601-061798
 AA Project No.: A179135
 Date Analyzed: 07/14/98
 Date Reported: 07/20/98

| Compounds | Result (mg/Kg) | Spike Recovery (%) | Dup. Result (mg/Kg) | Spike/Dup. Recovery (%) | RPD (%) | Accept. Rec. Range (%) |
|-----------|----------------|--------------------|---------------------|-------------------------|---------|------------------------|
| Lead | 56.2 | 112 | 50.1 | 100 | 11 | 50 - 150 |


 George Havalias
 Laboratory Director



LABORATORY ANALYSIS RESULTS

Client: Glenfos, Inc.
Project No.: P1/12.94601-061798
Project Name: Oakland, CA
Sample Matrix: Water
Method: EPA 7421 (Total Lead)

AA Project No.: A179135
Date Received: 07/10/98
Date Reported: 07/20/98
Units: mg/L

| AA I.D. No. | Client I.D. No. | Date Sampled | Date Analyzed | Results | MRL |
|-------------|-----------------|--------------|---------------|---------|-------|
| 73389 | GP4 | 07/08/98 | 07/15/98 | 0.011 | 0.005 |
| 73391 | GP8 | 07/08/98 | 07/15/98 | 0.0055 | 0.005 |

MRL: Method Reporting Limit


George Havalias
Laboratory Director



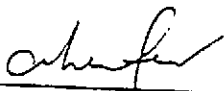
LABORATORY QA/QC REPORT

Page 1

Client: Glenfos, Inc.
 Project Name: Oakland, CA
 Method: EPA 7421 (Total Lead)
 Sample ID: Matrix Spike
 Concentration: 1 mg/L

AA ID No.: 73145
 Project No.: P1/12 94601-061798
 AA Project No.: A179135
 Date Analyzed: 07/15/98
 Date Reported: 07/20/98

| Compounds | Result (mg/L) | Spike Recovery (%) | Dup. Result (mg/L) | Spike/Dup. Recovery (%) | RPD (%) | Accept.Rec. Range (%) |
|-----------|---------------|--------------------|--------------------|-------------------------|---------|-----------------------|
| Lead | 0.966 | 97 | 0.98 | 98 | 1 | 50 - 150 |


 George Havalias
 Laboratory Director



LABORATORY ANALYSIS RESULTS

Page 1

Client: Glenfos, Inc.
 Project No.: P1/12-94601-061798
 Project Name: Oakland, CA
 Sample Matrix: Water
 Method: EPA 8015M (Gasoline)

AA Project No.: A179135
 Date Received: 07/10/98
 Date Reported: 07/20/98
 Units: mg/L

| AA I.D. No. | Client I.D. No. | Date Sampled | Date Analyzed | Results | MRL |
|-------------|-----------------|--------------|---------------|---------|-----|
| 73388 | GP1 | 07/08/98 | 07/13/98 | 0.17 | 0.1 |
| 73389 | GP4 | 07/08/98 | 07/13/98 | 0.21 | 0.1 |
| 73390 | GP5 | 07/08/98 | 07/13/98 | 17 | 0.1 |
| 73391 | GP8 | 07/08/98 | 07/13/98 | 20 | 0.1 |

MRL: Method Reporting Limit

George Havallas
 Laboratory Director

LABORATORY QA/QC REPORT

Page 1

Client: Glentos, Inc.
 Project Name: Oakland, CA
 Method: EPA 8015M (Gasoline)
 Sample ID: Matrix Spike
 Concentration: 0.5 mg/L

AA ID No.: 73388
 Project No.: P1/12 94601-061798
 AA Project No.: A179135
 Date Analyzed: 07/13/98
 Date Reported: 07/20/98

| Compounds | Result (mg/L) | Spike Recovery (%) | Dup. Result (mg/L) | Spike/Dup. Recovery (%) | RPD (%) | Accept.Rec. Range (%) |
|-------------------------|------------------|--------------------------|--------------------------|-------------------------------|------------|--------------------------|
| Gasoline Range Organics | 0.53 | 106.0 | 0.49 | 98.0 | 7.8 | 51 - 149 |

George Havallas
 Laboratory Director



LABORATORY ANALYSIS RESULTS

Page 1

Client: Glenfos, Inc.
 Project No.: P1/12:94601-061798
 Project Name: Oakland, CA
 Sample Matrix: Soil
 Method: EPA 8015M (Gasoline)

AA Project No.: A179135
 Date Received: 07/10/98
 Date Reported: 07/20/98
 Units: mg/Kg

| AA I.D. No. | Client I.D. No. | Date Sampled | Date Analyzed | Results | MRL |
|-------------|-----------------|--------------|---------------|---------|-----|
| 73361 | GP1@10 | 07/08/98 | 07/13/98 | 10 | 1 |
| 73363 | GP2@10 | 07/08/98 | 07/13/98 | 1.5 | 1 |
| 73364 | GP2@15 | 07/08/98 | 07/13/98 | 27 | 1 |
| 73365 | GP2@30 | 07/08/98 | 07/13/98 | 2.5 | 1 |
| 73367 | GP3@10 | 07/08/98 | 07/13/98 | 95 | 1 |
| 73368 | GP3@15 | 07/08/98 | 07/13/98 | 2.5 | 1 |
| 73369 | GP3@20 | 07/08/98 | 07/13/98 | 16 | 1 |
| 73370 | GP3@25 | 07/08/98 | 07/13/98 | <1 | 1 |
| 73372 | GP4@10 | 07/08/98 | 07/13/98 | 2.5 | 1 |
| 73374 | GP5@10 | 07/08/98 | 07/13/98 | 6.5 | 1 |
| 73375 | GP5@15 | 07/08/98 | 07/13/98 | 19 | 1 |
| 73376 | GP5@20 | 07/08/98 | 07/13/98 | <1 | 1 |
| 73377 | GP6@5 | 07/08/98 | 07/13/98 | <1 | 1 |
| 73378 | GP6@10 | 07/08/98 | 07/13/98 | 7.7 | 1 |
| 73379 | GP6@15 | 07/08/98 | 07/13/98 | 190 | 1 |
| 73380 | GP6@20 | 07/08/98 | 07/13/98 | 28 | 1 |
| 73382 | GP7@10 | 07/08/98 | 07/14/98 | 86 | 1 |
| 73383 | GP7@15 | 07/08/98 | 07/14/98 | 2.7 | 1 |
| 73385 | GP8@10 | 07/08/98 | 07/14/98 | 24 | 1 |
| 73386 | GP8@15 | 07/08/98 | 07/14/98 | 5.8 | 1 |
| 73387 | GP8@20 | 07/08/98 | 07/14/98 | <1 | 1 |

MRL: Method Reporting Limit


 George Havalias
 Laboratory Director



LABORATORY QA/QC REPORT

Page 1

Client: Glenfos, Inc.
 Project Name: Oakland, CA
 Method: EPA 8015M (Gasoline)
 Sample ID: Matrix Spike
 Concentration: 1 mg/Kg

AA ID No.: 73376
 Project No.: P1/12 94601-061798
 AA Project No.: A179135
 Date Analyzed: 07/13/98
 Date Reported: 07/20/98

| Compounds | Result (mg/Kg) | Spike Recovery (%) | Dup. Result (mg/Kg) | Spike/Dup. Recovery (%) | RPD (%) | Accept.Rec. Range (%) |
|-------------------------|-------------------|--------------------------|---------------------------|-------------------------------|------------|--------------------------|
| Gasoline Range Organics | 1.12 | 112 | 1.2 | 120 | 7 | 51 - 149 |

George Havalias
 Laboratory Director




LABORATORY QA/QC REPORT

Page 1

Client: Glenfos, Inc.
 Project Name: Oakland, CA
 Method: EPA 8015M (Gasoline)
 Sample ID: Matrix Spike
 Concentration: 1 mg/Kg

AA ID No.: 73387
 Project No.: P1/12 94601-061798
 AA Project No.: A179135
 Date Analyzed: 07/14/98
 Date Reported: 07/20/98

| Compounds | Result (mg/Kg) | Spike Recovery (%) | Dup. Result (mg/Kg) | Spike/Dup. Recovery (%) | RPD (%) | Accept. Rec. Range (%) |
|-------------------------|----------------|--------------------|---------------------|-------------------------|---------|------------------------|
| Gasoline Range Organics | 1.08 | 108 | 1.1 | 110 | 2 | 51 - 149 |


 George Havalias
 Laboratory Director



LABORATORY ANALYSIS RESULTS

Client: Gienfos, Inc.
Project No.: P1/12:94601-061798
Project Name: Oakland, CA
Sample Matrix: Water
Method: EPA 8020. (BTEX)

AA Project No.: A 79135
Date Received: 07/10/98
Date Reported: 07/20/98
Units: ug/L

| Date Sampled: | 07/08/98 | 07/08/98 | 07/08/98 | 07/08/98 | |
|-------------------|----------|----------|----------|----------|-----|
| Date Analyzed: | 07/13/98 | 07/13/98 | 07/13/98 | 07/13/98 | |
| AA ID No.: | 73388 | 73389 | 73390 | 73391 | |
| Client ID No.: | GP1 | GP4 | GP5 | GP11 | MRL |
| <u>Compounds:</u> | | | | | |
| Benzene | 0.53 | <0.5 | 42 | 1000 | 0.5 |
| Ethylbenzene | 1.2 | 0.58 | 820 | 420 | 0.5 |
| Toluene | <0.5 | <0.5 | 24 | 19 | 0.5 |
| Xylenes | 2.0 | <1 | 110 | 290 | 1 |

MRL: Method Reporting Limit

George Havalias
Laboratory Director



LABORATORY QA/QC REPORT

Page 1

Client: Glenfos, Inc.
 Project Name: Oakland, CA
 Method: EPA 8020 (BTEX)
 Sample ID: Matrix Spike
 Concentration: 20 ug/L

AA ID No.: 73388
 Project No.: P1/12 94601-061798
 AA Project No.: A179135
 Date Analyzed: 07/13/98
 Date Reported: 07/20/98

| Compounds | Result (ug/L) | Spike Recovery (%) | Dup. Result (ug/L) | Spike/Dup. Recovery (%) | RPD (%) | Accept. Rec. Range (%) |
|--------------|---------------|--------------------|--------------------|-------------------------|---------|------------------------|
| Benzene | 19.64 | 98 | 19.90 | 100 | 2 | 65 - 135 |
| Ethylbenzene | 19.94 | 100 | 20.92 | 105 | 5 | 77 - 123 |
| Toluene | 19.97 | 100 | 19.87 | 99 | 1 | 66 - 134 |
| Xylenes | 17.71 | 89 | 18.03 | 90 | 1 | 73 - 127 |


 George Havallas
 Laboratory Director



LABORATORY ANALYSIS RESULTS

Client: Glenfos, Inc.
Project No.: P1/12:94601-061798
Project Name: Oakland, CA
Sample Matrix: Soil
Method: EPA 8020:(BTEX)

AA Project No.: A179135
Date Received: 07/10/98
Date Reported: 07/20/98
Units: mg/Kg

| Date Sampled: | 07/08/98 | 07/08/98 | 07/08/98 | 07/08/98 | |
|----------------|----------|----------|----------|----------|-------|
| Date Analyzed: | 07/13/98 | 07/13/98 | 07/13/98 | 07/13/98 | |
| AA ID No.: | 73361 | 73363 | 73364 | 73355 | |
| Client ID No.: | GP1@10 | GP2@10 | GP2@15 | GP2@30 | MRL |
| Compounds: | | | | | |
| Benzene | <0.005 | 0.017 | 0.017 | <0.005 | 0.005 |
| Ethybenzene | 0.015 | <0.005 | 0.52 | <0.005 | 0.005 |
| Toluene | 0.022 | <0.005 | 0.056 | <0.005 | 0.005 |
| Xylenes | <0.01 | <0.01 | 0.51 | <0.01 | 0.01 |

George Havallas
Laboratory Director

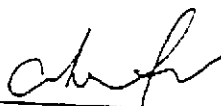


LABORATORY ANALYSIS RESULTS

Client: Gienfos, Inc.
Project No.: P1/12 94601-061798
Project Name: Oakland, CA
Sample Matrix: Soil
Method: EPA 8020 (BTEX)

AA Project No.: A: 79135
Date Received: 07/10/98
Date Reported: 07/20/98
Units: mg/Kg

| | 07/08/98 | 07/08/98 | 07/08/98 | 07/08/98 | |
|-------------------|----------|----------|----------|----------|-------|
| Date Sampled: | 07/08/98 | 07/08/98 | 07/08/98 | 07/08/98 | |
| Date Analyzed: | 07/13/98 | 07/13/98 | 07/13/98 | 07/13/98 | |
| AA ID No.: | 73367 | 73368 | 73369 | 73370 | |
| Client ID No.: | GP3@10 | GP3@15 | GP3@20 | GP3@25 | MRL |
| <u>Compounds:</u> | | | | | |
| Benzene | 0.59 | 0.055 | 0.047 | <0.005 | 0.005 |
| Ethylbenzene | 1.1 | 0.055 | 0.020 | <0.005 | 0.005 |
| Toluene | 0.42 | 0.018 | <0.005 | <0.005 | 0.005 |
| Xylenes | 1.5 | 0.26 | 0.032 | <0.01 | 0.01 |


George Havalias
Laboratory Director



LABORATORY ANALYSIS RESULTS

Client: Glenfos, Inc.
Project No.: P1/12 94601-061798
Project Name: Oakland, CA
Sample Matrix: Soil
Method: EPA 8020 (BTEX)

AA Project No.: A179135
Date Received: 07/10/98
Date Reported: 07/20/98
Units: mg/Kg

| | 07/08/98 | 07/08/98 | 07/08/98 | 07/08/98 | |
|-------------------|----------|----------|----------|----------|-------|
| Date Sampled: | 07/08/98 | 07/08/98 | 07/08/98 | 07/08/98 | |
| Date Analyzed: | 07/13/98 | 07/13/98 | 07/13/98 | 07/13/98 | |
| AA ID No.: | 73372 | 73374 | 73375 | 73376 | |
| Client ID No.: | GP4@10 | GP5@10 | GP5@15 | GP5@20 | MRL |
| <u>Compounds:</u> | | | | | |
| Benzene | 0.017 | <0.005 | 0.077 | <0.005 | 0.005 |
| Ethylbenzene | 0.029 | 0.018 | 0.43 | <0.005 | 0.005 |
| Toluene | <0.005 | 0.022 | 0.016 | <0.005 | 0.005 |
| Xylenes | 0.021 | 0.041 | 0.49 | <0.01 | 0.01 |

George Havallas
Laboratory Director



LABORATORY ANALYSIS RESULTS

Client: Glenfos, Inc.
 Project No.: P1/12 94601-061798
 Project Name: Oakland, CA
 Sample Matrix: Soil
 Method: EPA 8020 (STEX)

AA Project No.: A179135
 Date Received: 07/10/98
 Date Reported: 07/20/98
 Units: mg/Kg

| | 07/08/98 | 07/08/98 | 07/08/98 | 07/08/98 | |
|-------------------|----------|----------|----------|----------|-------|
| Date Sampled: | 07/08/98 | 07/08/98 | 07/08/98 | 07/08/98 | |
| Date Analyzed: | 07/13/98 | 07/13/98 | 07/13/98 | 07/13/98 | |
| AA ID No.: | 73377 | 73378 | 73379 | 73380 | |
| Client ID No.: | GP6@5 | GP6@10 | GP6@15 | GP6@20 | MRL |
| Compounds: | | | | | |
| Benzene | <0.005 | 0.0077 | 0.34 | 0.083 | 0.005 |
| Ethylbenzene | <0.005 | 0.012 | 2.3 | 0.052 | 0.005 |
| Toluene | <0.005 | 0.015 | 0.53 | 0.081 | 0.005 |
| Xylenes | <0.01 | 0.047 | 4.7 | 0.19 | 0.01 |

George Havalias

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 Laboratory Director

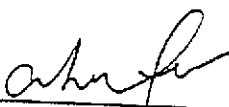
LABORATORY ANALYSIS RESULTS

Page 5

Client: Glenfos, Inc.
 Project No.: P1/12 94601-061798
 Project Name: Oakland, CA
 Sample Matrix: Soil
 Method: EPA 8020 (BTEX)

AA Project No.: A179135
 Date Received: 07/10/98
 Date Reported: 07/20/98
 Units: mg/Kg

| Date Sampled: | 07/08/98 | 07/08/98 | 07/08/98 | 07/08/98 | |
|-------------------|----------|----------|----------|----------|-------|
| Date Analyzed: | 07/14/98 | 07/14/98 | 07/14/98 | 07/14/98 | |
| AA ID No.: | 73382 | 73383 | 73385 | 73386 | |
| Client ID No.: | GP7@10 | GP7@15 | GP8@10 | GP8@15 | MRL |
| <u>Compounds:</u> | | | | | |
| Benzene | <0.005 | 0.0084 | 0.022 | 0.021 | 0.005 |
| Ethylbenzene | 0.090 | <0.005 | 0.071 | 0.022 | 0.005 |
| Toluene | 0.088 | 0.012 | 0.061 | 0.014 | 0.005 |
| Xylenes | 0.50 | 0.031 | 0.45 | 0.063 | 0.01 |


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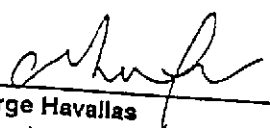
LABORATORY ANALYSIS RESULTS

Client: Glenfos, Inc.
Project No.: P1/12 94601-061798
Project Name: Oakland, CA
Sample Matrix: Water
Method: MTBE (EPA 8260)

AA Project No.: A173135
Date Received: 07/10/98
Date Reported: 07/23/98
Units: ug/L

| AA I.D. No. | Client I.D. No. | Date Sampled | Date Analyzed | Results | MRL |
|-------------|-----------------|--------------|---------------|---------|-----|
| 73391 | GP8 | 07/08/98 | 07/24/98 | <10 | 5 |

MRL: Method Reporting Limit


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LABORATORY ANALYSIS RESULTS

Client: Glenfos, Inc.
Project No.: P1/12-94601-061798
Project Name: Oakland, CA
Sample Matrix: Soil
Method: EPA 8020 (BTEX)

AA Project No.: A179135
Date Received: 07/10/98
Date Reported: 07/20/98
Units: mg/Kg

| | | |
|-------------------|----------|------------|
| Date Sampled: | 07/08/98 | |
| Date Analyzed: | 07/14/98 | |
| AA ID No.: | 73387 | |
| Client ID No.: | GP8@20 | |
| <u>Compounds:</u> | | <u>MRL</u> |
| Benzene | <0.005 | 0.005 |
| Ethylbenzene | <0.005 | 0.005 |
| Toluene | <0.005 | 0.005 |
| Xylenes | <0.01 | 0.01 |

MRL: Method Reporting Limit

George Havalias
Laboratory Director



LABORATORY QA/QC REPORT

Client: Gienfos, Inc.
 Project Name: Oakland, CA
 Method: EPA 8020 (BTEX)
 Sample ID: Matrix Spike
 Concentration: 0.04 mg/Kg

AA ID No.: 73376
 Project No.: P1/12 94601-061798
 AA Project No.: A179135
 Date Analyzed: 07/13/98
 Date Reported: 07/20/98

| Compounds | Result (mg/Kg) | Spike Recovery (%) | Dup. Result (mg/Kg) | Spike/Dup. Recovery (%) | RPD (%) | Accept. Rec. Range (%) |
|--------------|----------------|--------------------|---------------------|-------------------------|---------|------------------------|
| Benzene | 0.0283 | 71.00 | 0.0313 | 78.00 | 9.40 | 65 - 135 |
| Ethylbenzene | 0.0364 | 91.00 | 0.0402 | 101.00 | 10.42 | 77 - 123 |
| Toluene | 0.0437 | 109.00 | 0.0478 | 120.00 | 9.61 | 66 - 134 |
| Xylenes | 0.0374 | 94.00 | 0.0410 | 103.00 | 9.14 | 73 - 126 |

George Havallas
 Laboratory Director




LABORATORY QA/QC REPORT

Page 1

Client: Glenfos, Inc.
 Project Name: Oakland, CA
 Method: EPA 8020 (BTEX)
 Sample ID: Matrix Spike
 Concentration: 0.04 mg/Kg

AA ID No.: 73387
 Project No.: P1/12 94601-061798
 AA Project No.: A179135
 Date Analyzed: 07/14/98
 Date Reported: 07/20/98

| Compounds | Result (mg/Kg) | Spike Recovery (%) | Dup. Result (mg/Kg) | Spike/Dup. Recovery (%) | RPD (%) | Accept. Rec. Range (%) |
|--------------|----------------|--------------------|---------------------|-------------------------|---------|------------------------|
| Benzene | 0.0377 | 94.00 | 0.0396 | 99.00 | 5.18 | 65 - 135 |
| Ethylbenzene | 0.0389 | 97.00 | 0.0389 | 97.00 | 0.00 | 77 - 123 |
| Toluene | 0.0377 | 94.00 | 0.0392 | 98.00 | 4.17 | 66 - 134 |
| Xylenes | 0.0373 | 93.00 | 0.0378 | 95.00 | 2.13 | 73 - 126 |


 George Havallas
 Laboratory Director



AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311

(818) 998-5547

(818) 998-5548

1-800-533-TEST

1-800-533-8378

FAX (818) 998-7258

DATE: 7/8/98

PAGE 1 OF 3

| AA Client <i>Wharfedale Inc</i> | | | | | | Phone <i>(818) 201-1207</i> | | Sampler's Name <i>Bill Mitchell</i> | | |
|--|-----------|--------|------|-------------|----------------------|---|---|---|---|--------------------------------------|
| Project Manager <i>Bill Mitchell</i> | | | | | | F.O. No. | | Sampler's Signature <i>Bill Mitchell</i> | | |
| Project Name <i>Oakland, CA</i> | | | | | | Project No. <i>P112 94601-06198</i> | | Project Manager's Signature <i>Bill Mitchell</i> | | |
| Job Name and Address <i>1450 Fruitvale Oakland CA</i> | | | | | | ANALYSIS REQUIRED | | | | |
| | | | | | | Detection Limits | | Test Requirements | | |
| | | | | | | <i>00288020 Total Lab</i> | | | | |
| AA ID# | Client ID | Date | Time | Sample Type | Number of Containers | Test Name | | | | |
| 73360 | GP125 | 7/8/98 | | So | 1 | | | | | |
| 73361 | GP1210 | | | | | X | | | hold samples - as I call lab to place order | |
| 73362 | GP225 | | | | | X | | | | |
| 73363 | GP210 | | | | | X | | | | |
| 73364 | GP2215 | | | | | X | | | | |
| 73365 | GP2230 | | | | | X | | | | |
| 73366 | GP325 | | | | | X | X | | | |
| 73367 | GP3210 | | | | | X | X | | | |
| 73368 | GP3215 | | | | | X | | | | |
| 73369 | GP3220 | | | | | X | | | | |
| 73370 | GP3225 | | | | | X | | | | |
| 73371 | GP405 | | | | | | | | | |
| 73372 | GP4210 | | | | | X | X | | | |
| 73373 | GP525 | | | | | | | | | |
| 73374 | GP5210 | | | | | X | | | | |
| 73375 | GP5215 | | | | | X | | | | |
| SAMPLE INTEGRITY TO BE FILLED IN BY RECEIVING LAB | | | | | | Requisitioned by: <i>Bill Mitchell</i> | | Date <i>7/8/98</i> | Time <i>5 pm</i> | Received by: |
| Samples Intact Yes _____ No _____ | | | | | | Requisitioned by: | | Date <i>7-10-98</i> | Time <i>14:00</i> | Received by: <i>Tracy Garland</i> |
| Samples Properly Cooled Yes _____ No _____ | | | | | | Requisitioned by: | | Date | Time | Received by: |
| Samples Accepted Yes _____ No _____ | | | | | | Requisitioned by: | | Date | Time | Received by: |
| If Not Why: _____ | | | | | | Requisitioned by: | | Date | Time | Received by: |
| AA Project No. <i>A179135</i> | | | | | | Requisitioned by: | | Date | Time | Received by: |

DISTRIBUTION: White - Laboratory, Canary - Laboratory, Pink - Account Executive, Gold - Client

221010



AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

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DATE: 7/8/98

PAGE 2 OF 3

| AA Client <u>Glentis Inc</u> | | | Phone <u>(818) 701-1207</u> | | | Sampler's Name <u>Bill Mitchell</u> | | | | | | | | | | | | | | |
|--|-------------|--------|--|-------------|----------------------|--|----------------|--------------|---------------------|-----------|--|--|--|--|--|---|---|---|---|---|
| Project Manager <u>Bill Mitchell</u> | | | P.O. No. | | | Sampler's Signature <u>Bill Mitchell</u> | | | | | | | | | | | | | | |
| Project Name <u>Oakland CA</u> | | | Project No. <u>21/02 94601-007</u> | | | Project Manager's Signature | | | | | | | | | | | | | | |
| Job Name and Address <u>1450 Fruitvale</u> <u>Oakland CA</u> | | | ANALYSIS REQUIRED | | | | | | | | | | | | | | | | | |
| | | | <table border="1" style="width:100%; height: 100px;"> <tr> <th>Detection Limits</th> <th>Test Name</th> <th colspan="5"></th> </tr> <tr> <td style="text-align: center;">/</td> <td style="text-align: center;">/</td> <td style="text-align: center;">/</td> <td style="text-align: center;">/</td> <td style="text-align: center;">/</td> <td style="text-align: center;">/</td> <td style="text-align: center;">/</td> </tr> </table> | | | | | | Detection Limits | Test Name | | | | | | / | / | / | / | / |
| Detection Limits | Test Name | | | | | | | | | | | | | | | | | | | |
| / | / | / | / | / | / | / | | | | | | | | | | | | | | |
| AA ID# | Client's ID | Date | Time | Sample Type | Number of Containers | | | | | | | | | | | | | | | |
| 73376 | GPC20 | 7/8/98 | | So | 1 | X | | | | | | | | | | | | | | |
| 73377 | GPC25 | | X | | | | | | | | | | | | | | | | | |
| 73378 | GPC210 | | X | X | | | | | | | | | | | | | | | | |
| 73379 | GPC15 | | X | | | | | | | | | | | | | | | | | |
| 73380 | GPC20 | | X | | | | | | | | | | | | | | | | | |
| 73381 | GPC25 | | X | | | | | | | | | | | | | | | | | |
| 73382 | GPC210 | | X | | | | | | | | | | | | | | | | | |
| 73383 | GPC215 | | X | | | | | | | | | | | | | | | | | |
| 73384 | GPC25 | | X | | | | | | | | | | | | | | | | | |
| 73385 | GPC210 | | X | | | | | | | | | | | | | | | | | |
| 73386 | GPC215 | | X | | | | | | | | | | | | | | | | | |
| 73387 | GPC220 | | X | | | | | | | | | | | | | | | | | |
| 73388 | GP1 | | | | GW | 2 | X | | | | | | | | | | | | | |
| 73389 | GP4 | | | | " | " | X | X | | | | | | | | | | | | |
| 73390 | GP5 | | | | " | " | X | | | | | | | | | | | | | |
| 73391 | GP8 | | | " | " | X | X | | | | | | | | | | | | | |
| SAMPLE INTEGRITY-TO BE FILLED IN BY RECEIVING LAB | | | | | | Relinquished by: | Date | Time | Received by: | | | | | | | | | | | |
| Sample Intact Yes _____ No _____ | | | | | | <u>Bill Mitchell</u> | <u>7/8/98</u> | <u>5 PM</u> | | | | | | | | | | | | |
| Samples Properly Cooled Yes _____ No _____ | | | | | | Relinquished by: | Date | Time | Received by: | | | | | | | | | | | |
| Samples Accepted Yes _____ No _____ | | | | | | | <u>7-10-98</u> | <u>14:00</u> | <u>Indy Oakland</u> | | | | | | | | | | | |
| If Not Why: _____ | | | | | | Relinquished by: | Date | Time | Received by: | | | | | | | | | | | |
| AA Project No. <u>A179135</u> | | | | | | Relinquished by: | Date | Time | Received by: | | | | | | | | | | | |



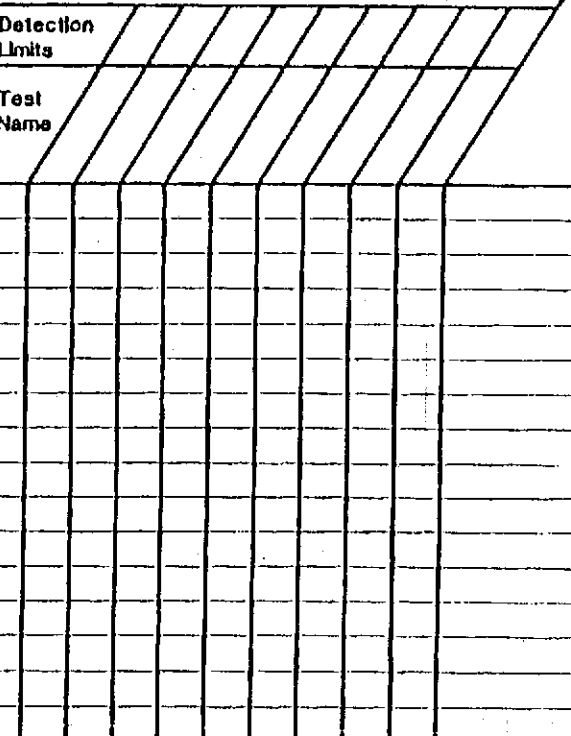
AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

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DATE: 7-8-98

PAGE 3 OF 3

| AA Client GLENFOS | | | | | | Phone | | | Sampler's Name | | | |
|--|------------|--------|------|-------------|----------------------|---|--|--|-----------------------------|-------|---------------|-------------------|
| Project Manager BILL MITCHELL | | | | | | P.G. No. | | | Sampler's Signature | | | |
| Project Name | | | | | | Project No. | | | Project Manager's Signature | | | |
| Job Name and Address | | | | | | ANALYSIS REQUIRED | | | | | | Test Requirements |
| | | | | | | Detection Limits | | | | | | |
| | | | | | | Test Name | | | | | | |
| AA ID.# | Client ID. | Date | Time | Sample Type | Number of Containers |  | | | | | | |
| 73392 | TRIPBLANK | 7-8-98 | | WATER | 2 | | | | | | | |
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| | | | | | | | | | | | | |
| SAMPLE INTEGRITY TO BE FILLED IN BY RECEIVING LAB | | | | | | Relinquished by: | | | Date | Time | Received by: | |
| Samples Intact Yes _____ No _____ | | | | | | Relinquished by: _____ | | | Date | Time | Received by: | |
| Samples Properly Cooled Yes _____ No _____ | | | | | | Relinquished by: _____ | | | 7/8/98 | 14:00 | Tracy Garland | |
| Samples Accepted Yes _____ No _____ | | | | | | Relinquished by: _____ | | | Date | Time | Received by: | |
| If Not Why: _____ | | | | | | Relinquished by: _____ | | | Date | Time | Received by: | |
| AA Project No. A179135 | | | | | | Relinquished by: _____ | | | Date | Time | Received by: | |