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May 31, 2006

Mr. Barney Chan Division of Environmental Protection Department of Environmental Health Alameda County Health Agency 11131 Harbor Bay Parkway, 2<sup>nd</sup> Floor Alameda, CA 94502

# Re: Additional Investigation at Former Celis' Alliance Fuel Station Site 4000 San Pablo Avenue, Emeryville, California

Dear Mr. Chan,

On behalf of the City of Emeryville Redevelopment Agency (the City), URS Corporation (URS) is pleased to submit this *Additional Investigation Report* for the evaluation of petroleum hydrocarbon contamination from the former Celis' Alliance Fuel Station. The former Celis Alliance Fuel Station is located at the 40<sup>th</sup> Street Right-of-Way between San Pablo Avenue and Adeline Street. The work was performed in general accordance with the *Review of Investigation and Remediation Results and Work Plan for Additional Investigation at Former Celis' Alliance Service Station Site* submitted by URS in April 2005, and the subsequent *Work Plan Addendum* submitted by OTG EnviroEngineering Solutions, Inc. (OTG) on July 14, 2005.

Please feel free to contact us at (510) 874-3080 if you have any questions or comments.

**URS** Corporation

- Fon

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# ADDITIONAL INVESTIGATION AT FORMER CELIS' ALLIANCE SERVICE STATION

# 4000 SAN PABLO AVENUE EMERYVILLE, CALIFORNIA

Prepared for

City of Emeryville Redevelopment Agency 1333 Park Avenue Emeryville, CA 94608

May 31, 2006



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## 1.1 SITE DESCRIPTION

The former Celis Alliance service station site (Site) is located at 4000 San Pablo Avenue, at the intersection of 40th Street, in Emeryville, California (Figure 1). The Site covers an area of less than 1 acre. The service station was demolished in 1994 when 40th Street was constructed. The Site is now within the 40th Street right-of-way east of and adjacent to the San Pablo Avenue intersection. The Site is publicly accessible via the street and sidewalks. The Site is relatively flat, sloping gently towards the west, with an average ground surface elevation of approximately 38 feet above mean sea level (msl). The Site lies approximately 1.15 miles to the east of San Francisco Bay in a mixed commercial and residential area. The area north of 40th Street (including the northern portion of the Site) is currently planned for mixed commercial and residential use redevelopment as part of the Oak Walk Redevelopment Area (Oak Walk site). The SNK Andante Redevelopment Area (SNK site) is located next to and south of the 40th Street right-of-way, and was redeveloped in 2004 for mixed commercial and residential use. The entire Site is paved with asphalt or concrete. Storm water runoff from the Site enters the City of Emeryville below-grade storm drainage system via drains located at the San Pablo Avenue and 40th Street intersection.

## 1.2 SITE USE AND INVESTIGATION HISTORY

Prior to 1995, 40th Street did not exist to the west of Adeline Street. As reported by Levine-Fricke in its "Phase I Environmental Site Assessment, 40th Street right-of-way, Emeryville, California" (Levine-Fricke 1993a), the right-of-way section between Adeline Street and San Pablo Avenue, was occupied by a gas station (fronting San Pablo Avenue), a carpet warehouse, and railroad tracks (see Figure 2). The gas station (the Site) was owned and operated by a succession of petroleum companies and independent owners from approximately 1936 until 1995 (ending with construction of the 40th Street right-of-way) when it had the name of Celis' Alliance Service Station. Petroleum hydrocarbons have been found in soil and groundwater at the Site and three other nearby sites (the carpet warehouse [once occupied by the San Francisco Bread Company (SFBC)], the SNK site and the Oak Walk site). The history of the Celis Site, the SFBC site, the SNK site and the Oak Walk site and their relationship to each other are summarized below (more detailed site summaries are included in URS, April 2005):

#### Celis Site

Levine-Fricke's Phase I assessment (Levine-Fricke 1993a) reported the presence of six underground storage tanks (USTs) at the Site:

- One 7,000-gallon diesel;
- One 6,000-gallon regular gasoline;
- One 4,000-gallon unleaded gasoline;
- One 2,000-gallon unleaded gasoline;
- One 3,500-gallon super unleaded gasoline; and
- One 550-gallon waste oil.

The service station building, fuel dispenser island, USTs and associated piping were removed in May 1994 (Levine-Fricke 1994b). All six USTs were of single-walled welded steel construction. Holes were noted in the 2,000-gallon unleaded gasoline tank and the 550-gallon waste oil tank, but not in the other four tanks. Holes were also noted in previously abandoned product piping that appeared to have been connected to the 6,000-gallon regular gasoline tank.

Through several phases of investigation, five monitoring wells were installed, LF-MW-1 through LF-MW-3 in August 1993, LF-MW-4 in January 1994, and WCEW-1 in March 1997 (Levine-Fricke 1993b & 1994a, Woodward-Clyde 1997). Wells LF-MW-1 through -3 were only sampled once in August 1993 before being destroyed in May 1994 in preparation for UST removals. LF-MW-4 and WCEW-1 still exist as of this date. Free-phase petroleum product was once identified in LF-MW-1 and WCEW-1.

Soil and groundwater samples collected throughout the 40th Street Right-of-Way between Adeline Street and San Pablo Avenue indicated high concentrations of petroleum hydrocarbons within and at many areas outside the Site. At the direction of the Alameda County Department of Environmental Health (ACDEH) and the Emeryville Redevelopment Agency (ERDA), Woodward-Clyde removed approximately 2,318 cubic yards of soil from surface to just above the shallow groundwater table (approximately 9.5 feet below surface [bgs]) over the entire Site (Woodward-Clyde 1995). Confirmation soil samples collected from sidewalls and the floor of the excavation indicated that significant petroleum hydrocarbon concentrations still remained onsite with the potential for offsite migration. As a follow-up, Levine-Fricke removed affected soil from isolated areas outside the Site (Levine-Fricke 1994a,c). Excavated soils were transported to offsite waste management facilities and clean fill was imported to backfill the area. The 40th Street Right-of-Way was constructed in 1995 following completion of affected soil removal activities.

To remove floating product that had been observed on the water table, a recovery well (WCEW-1) was installed in March 1997 in the northwestern corner of the Site. Floating product/groundwater extraction from the WCEW-1 continued from June 1997 until December 1997 when the floating product was reduced to sheen only. The extracted liquid was transported to an offsite facility for treatment and disposal.

Quarterly groundwater monitoring of LF-MW-4 and WCEW-1 was discontinued after the June 1998 event. At that time, samples from LF-MW-4 contained 400 micrograms per liter ( $\mu$ g/L) total petroleum hydrocarbons as gasoline (TPH-g), 7.9  $\mu$ g/L benzene, 0.52  $\mu$ g/L toluene, 9.5  $\mu$ g/L ethylbenzene, 36  $\mu$ g/L total xylenes, and 14  $\mu$ g/L methyl tertiary butyl ether (MTBE). Samples from WCEW-1 contained 18,000  $\mu$ g/L TPH-g, 3,400  $\mu$ g/L total petroleum hydrocarbons as diesel (TPH-d), 550  $\mu$ g/L total petroleum hydrocarbons as motor oil (TPH-mo), 2,100  $\mu$ g/L benzene, 460  $\mu$ g/L toluene, 910  $\mu$ g/L ethylbenzene, 2,990  $\mu$ g/L total xylenes, 350  $\mu$ g/L MTBE, and 120  $\mu$ g/L naphthalene. A May 19, 2004 WCEW-1 follow-up sample was found to contain 3,700  $\mu$ g/L TPH-g, 600  $\mu$ g/L total petroleum hydrocarbons as mineral spirits (TPH-ms), 90  $\mu$ g/L benzene, 0.66  $\mu$ g/L toluene, 48  $\mu$ g/L ethylbenzene, 56  $\mu$ g/L total xylenes, 170  $\mu$ g/L MTBE, and 120  $\mu$ g/L naphthalene.

#### SFBC Site

The carpet warehouse site, located east of and adjacent to the Celis Site within the 40th Street right-of-way, was once occupied by the SFBC, which maintained a truck maintenance facility with two USTs:

- One 10,000-gallon gasoline
- One 10,000-gallon diesel

These USTs were removed in May 1989 when SFBC still owned the property. They were found to have leaked and a limited amount of soil was excavated and disposed of offsite as part of the tank removal activities. The south half of the two USTs were located under what is now the 40th Street right-of-way and the north half were located under what is now the Oak Walk Redevelopment Area. At the direction of ACDEH, monitoring well (SMW-1) was installed in September 1992, a short distance downgradient (with respect to shallow groundwater flow direction) of the former USTs. It was sampled quarterly from September 1992 through March 1994 before being destroyed in late 1994 in preparation for 40<sup>th</sup> Street right-of-way construction. TPH related chemicals found in groundwater samples from SMW-1 were as follows: TPHg ranged from 700 and 5,800 µg/L, benzene ranged from non-detect (ND) to 1,700 µg/L, toluene ranged from ND to 230 µg/L, ethylbenzene ranged from ND to 230 µg/L, and total xylenes ranged from 1.1 to 490 µg/L. Samples were never analyzed for total recoverable petroleum hydrocarbons (TRPH), TPHd, TPHmo or MTBE. During road construction activities, soil with high levels of TPH gas, diesel and BTEX were excavated from a 20 x 20 x 10 foot deep area south of and adjacent to the former USTs. No other known documented remediation activities have been directly linked to the former SFBC USTs.

#### SNK Site

Redevelopment of the SNK site, (located next to and south of the 40<sup>th</sup> Street right-of-way - see Figure 2) was completed by the end of 2004. Redevelopment activities included the installation of exploratory borings, trenches and temporary wells to assess potential environmental concerns. Extensive petroleum hydrocarbon contamination was identified in the northwestern portion of the SNK site (The San Joaquin Company 2003). Under ACDEH's supervision, soil was excavated from land surface to depths ranging between 8 to 13 feet bgs in the northwestern portion of the site (downgradient of the SFBC site and adjacent to the southern boundary of the Celis Site). The location of this excavated and disposed of offsite. The excavation was backfilled with clean, imported engineered fill.

The most significant discovery during SNK site investigation and remedial activities was the identification of a paleo-stream channel (reportedly consisting of coarse sand and gravel) within the shallow water-bearing zone. As shown on Figure 2, this channel appears to trend in a southwesterly direction through the SNK site from its northeastern boundary at 40<sup>th</sup> Street to its' southwestern boundary at San Pablo Avenue. Groundwater samples from within the paleo-channel were found to contain benzene up to 2,700  $\mu$ g/L, TPH gas up to 510,000  $\mu$ g/L, and diesel range TPH (but not standard diesel) up to 20,000  $\mu$ g/L. The paleo-channel sediments were removed and backfilled with clean engineered fill. Clay plugs were also installed at the ends of the paleo-channel entering and exiting the SNK redevelopment area to minimize or eliminate its potential as preferential pathway for contaminant migration.

# **SECTION**ONE

Three old USTs (two 1,500-gallon heating oil tanks and one 100-gallon gas tank – see Figure 2) were also found within the SNK site, but outside the excavation area described above. These tanks were removed under permit and oversight of ACDEH and the Emeryville Fire Department. Soil samples collected from the bottom of the UST removal pits indicated they were not a source of site-specific petroleum hydrocarbons.

#### Oak Walk Redevelopment Area

A mixture of single-family houses and commercial buildings and parking lots currently occupy the Oak Walk site, which is located next to and north of the 40<sup>th</sup> Street right-of-way. The commercial and residential buildings are mostly vacant and in poor condition. Since November 2003, the San Joaquin Company (SJC) has been conducting environmental investigations at the site that have included exploratory trenches, soil borings, temporary monitoring wells (MWT-series wells) and permanent monitoring wells (MW-series wells), as shown on Figure 2. Extensive petroleum hydrocarbon contamination was found at the Oak Walk site. Exploratory Trench 3, excavated next to the former SFBC USTs, revealed the presence of paleo-channel deposits (sand and gravel) similar to those found on the SNK site. As shown on Figure 2, this paleo-channel likely continued under the 40<sup>th</sup> Street Right-of-Way, trending southwesterly under the SNK site.

#### Former Dunne Paints and Boysen Paint Sites

Two former paint manufacturing and distribution facilities (Dunne Paints and the Boysen Paint Factory) are located upgradient (with respect to shallow groundwater flow) of the Oak Walk site, the SFBC, the 40<sup>th</sup> Street Extension, the Celis Site and the SNK site, as shown on Figure 2. The two sites are currently under the ACDEH's supervision for investigation and remediation of paint-related petroleum hydrocarbons (paint thinner, Stoddard solvent, mineral spirits, etc.) and other chemicals.

## 1.3 DISTRIBUTION AND SOURCES OF PETROLEUM HYDROCARBONS

The Celis Site is a known source of petroleum hydrocarbon contamination in the area. While the contaminated unsaturated zone soil on the Celis Site was remediated (through excavation and offsite disposal), excavation floor and sidewall confirmation samples indicate site-specific TPH migration to the south impacting the SNK site and to the north impacting the Oak Walk site. The Celis Site, however, is not the only petroleum hydrocarbon source in the area. As summarized in Section 1.2, other local potential petroleum hydrocarbon source areas include the SFBC site and the former Dunne Paints site (Dunne site) and the Boysen Paint Factory site (Boysen site). The distribution and sources of petroleum hydrocarbons in the area are discussed in detail in URS 2005 and are summarized below.

Concentrations of MTBE (M), benzene (B), gasoline (G), diesel (D) and mineral spirits (S) in groundwater at individual sampling points are shown on Figure 3. Groundwater samples for this evaluation were collected from the Oak Walk Site on May 19, 2004 (MW-wells and MWT-1 through MWT-10) and on November 6, 2004 (MWT-11 through MWT-14) and from the SNK site on April 17, 2003 (with the SJC-MW-8 sample collected on March 9, 2005). June 2, 1998 data was used from Celis Site well LFMW-4 (the last time it was sampled). Figure 3 in this report was updated from Figure 3 in the URS April 2005 Workplan with December 1994 through December 1995 sample data from former monitoring well MW-2 (that was located west of 3999

San Pablo Avenue). These monitoring results, while not being as representative as a snap-shot sampling round for all wells, allow approximate interpretation of 100 µg/L (parts per billion [ppb]) MTBE, 50 µg/L benzene, 50 µg/L MTBE, and non-detect (ND) for both benzene and MTBE iso-concentration contours. The north-south elongate shape of the contours along San Pablo Ave. suggests that north-south trending underground utilities may act as a preferential pathway contributing to contaminant migration. An eight-inch diameter sewer main is located approximately 6.5 to 9 feet bgs near the middle of San Pablo Avenue. A storm drain (varying from 12 to 18 inches in diameter) with a trench bottom at 8.5 to 9 feet bgs is located beneath the north-bound lane of San Pablo Avenue. With historic groundwater depths ranging from 5 to 10 feet bgs, it appears that each of these utility trenches have the potential to act as preferential pathways for contaminant migration especially in light of the fact that they are located just downgradient (with respect to shallow groundwater flow direction) of the Site. This is outlined in more detail in Appendix D - Conduit and Well Survey. It appears that MTBE and benzene originating from the Celis site have a slightly pronounced north-south side-gradient component of migration when compared to the east-northeast to west-southwest shallow groundwater flow direction. It is also apparent that Celis site MTBE and benzene impacted the area that was excavated at the SNK site. As summarized above, petroleum hydrocarbons from the Celis Site, however, may not be the only source of contaminants detected in the SNK site paleo-channel. High benzene and TPH as gasoline concentrations, but very low concentrations to ND of MTBE, were found in paleo-channel groundwater samples from SJC-MW-T5A, ET2-G-W, and SJC-MW-2A. Since the gasoline stored in the SFBC UST's did not contain MTBE, and these UST's were located partially within or adjacent to paleo-channel sediments, it is considered a likely contributing source to gasoline on the SNK site. The Celis site is also considered a likely contributor to petroleum hydrocarbons found on the SNK site because it operated before MTBE was in use and it is located relatively close to the mapped paleo-channel. It may never be possible to separate source-specific contribution to the SNK site. Because the paleo-channel is such a small portion of the total remediated area on the SNK site and excavation sidewall and bottom samples from the Celis Site indicated impacts beyond the Site boundary, the Celis Site holds some of the responsibility for SNK site impacts. Historical data from former monitoring well MW-2 (destroyed in March 2004) suggests that TPH related contamination in groundwater extended to at least that location. MW-2 was part of environmental investigations on Yerba Buena / East Bay Bridge Development site located to the west-southwest of the San Pablo Ave. / 40<sup>th</sup> Street intersection. December 1994 to December 1995 sample results from MW-2 are as follows: TPHg ranged from 900 to 7,100 µg/L, TPHd ranged from ND (<50 µg/L) to 300 µg/L, benzene ranged from 11 to 65  $\mu$ g/L, toluene ranged from ND (<0.5  $\mu$ g/L) to 9  $\mu$ g/L, ethylbenzene ranged from 32 to 130 µg/L and total xylenes ranged from 72 to 470 µg/L. TPHmo was never detected in groundwater samples from MW-2. MTBE analysis was never run on an MW-2 sample. TPH related constituents in MW-2 could be either related to the former Celis Site or to the SFBC site (through transport in the paleo-channel identified on the SNK site) or to both sites or to other unknown sources.

Figure 3 also indicates that MTBE and benzene from the Celis Site impacted a narrow strip of the area on the Oak Walk site. The rest of the area on the Oak Walk site has been impacted by petroleum hydrocarbons that do not contain MTBE and benzene. The Celis Site and the SFBC are considered highly unlikely as the source of petroleum hydrocarbons on the Oak Walk site that does not contain MTBE and benzene. If the reported mineral spirits, non-standard gasoline and non-standard diesel are grouped into and plotted as a single parameter (i.e., non-gas non-

diesel TPH as shown on Figure 3), sources such as the former Dunne Paints site and/or the former Boysen Paint Factory site may also be contributing to local contamination. The non-gas non-diesel TPH plots also indicate that shallow groundwater beneath the Oak Walk site has been impacted by possibly one or more of the many varieties of solvents, at concentrations above  $1,000 \mu g/L$ .

The initial scope of the investigation outlined in the Workplan Addendum (OTG, July 2005) proposed advancing eight Geoprobe borings to 20 feet bgs to collect soil and groundwater samples. The boring locations were selected in down-gradient areas (with respect to shallow groundwater flow direction) for additional evaluation of petroleum related constituents of concern in unsaturated and saturated zone soils and shallow groundwater. Additional investigation was only deemed necessary in the down-gradient area because prior investigations have generated adequate data for cross-gradient and upgradient characterization.

Unfortunately, only three of the proposed eight soil borings were completed due to the locationspecific constraints of underground utilities. Areas adjacent to the proposed borings contained either other underground utilities, city streets or buildings that prevented safe drilling in alternate locations. The approximate Geoprobe boring locations are shown in Figure 2.

Additional elements of the work included a conduit study and a receptor survey. The conduit study was implemented to identify underground utilities down-gradient (with respect to historic groundwater flow direction) of the Site and evaluate their potential for preferential contaminant migration. The receptor survey was implemented to identify wells within at least a <sup>1</sup>/<sub>2</sub> mile radius of the Site and evaluate the potential for Site-specific chemicals of concern in groundwater to impact wells, if identified.

# 3.1 PRELIMINARY FIELD ACTIVITIES

Before initiating field activities, URS obtained a boring permit from the Alameda County Public Works Agency, access and encroachment permits from the City of Emeryville and Caltrans, prepared a traffic control plan per Caltrans' requirement, created a Site specific Health and Safety Plan (HASP) describing hazards associated with the proposed work, and conducted subsurface utility clearance. The utility clearance included notifying Underground Service Alert of the pending work a minimum of 48 hours before initiating the field investigation and securing the services of a private utility-locating company to confirm the absence of underground utilities at each boring location. Initial utility clearance activities required re-locating and re-clearing two of the eight proposed soil borings (SB-3 and SB-6) because they were found to be too close to underground utilities. Proposed boring locations SB-2, SB-4, SB-5, SB-7, and SB-8 could not be cleared due to the close proximity of underground utilities, nor could these borings be relocated to nearby areas (within the San Pablo Avenue and 40<sup>th</sup> Street right-of-ways) that would allow safe drilling conditions due to the proximity of other utilities in the sidewalks and streets as well as nearby buildings. As such, only three borings (SB-1, SB-3, and SB-6) were cleared of underground utilities and other hazards where safe drilling could be implemented. Copies of the drilling permit and Caltrans encroachment permit are included in Appendix A.

The HASP addressed safety concerns associated with the proposed Geoprobe borings. A copy of the HASP was available on-site at all times. The subcontractors who performed field activities were provided with a copy of the HASP before initiating work, and the URS Site supervisor held a tailgate meeting covering aspects of the HASP before the start of any work.

# 3.2 GEOPROBE BORINGS AND SAMPLING

On February 6 and 7, 2006, URS geologists supervised ResonantSonic International in advancing three borings (SB-1, SB-3, and SB-6) using a Geoprobe<sup>TM</sup> 5400 direct push rig. Each boring was advanced to depths ranging from 16 to 20 feet bgs by continuous coring direct push methods. The approximate locations of the borings are illustrated on Figure 2.

Groundwater was encountered at depths of 8.62 feet bgs in SB-1 and 9.5 feet bgs in SB-3. Groundwater was not clearly present in SB-6. Upon completion, each boring was grouted with neat cement/bentonite grout from total depth to land surface following borehole sealing requirements.

Soil samples were collected in continuous cores at 4-foot intervals for lithologic description. Selected soil samples were submitted for chemical analysis. Groundwater was sampled from a temporary 2-inch diameter PVC well casing (screened from 15 to 20 feet bgs) in SB-1. Groundwater sampling was also attempted in a similar fashion from SB-3 and SB-6 but insufficient recharge from the low permeability sediments did not yield enough water for sample collection within the timeframe allocated for daily field work under the Cal Trans encroachment permit (i.e., work had to be completed by 5 PM each day without the ability to leave a temporary well in the ground overnight).

Samples that were obtained were placed on ice and picked up by Severn Trent Laboratory (STL) in Pleasanton, California, a State of California certified analytical laboratory for analysis under URS chain-of-custody (COC) procedures. The soil and groundwater samples were analyzed by

STL for Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Mineral Spirit Range Organics (MSRO) by EPA Method 8015B, and for benzene, toluene, ethylbenzene and total xylenes (BTEX), and MTBE by EPA Method 8260B.

Samples were classified by a URS geologist according to the Unified Soil Classification System and examined using visual and manual methods for parameters including odor, staining, color, grain size, and moisture content. Each sample selected for chemical analysis was covered at each end with Teflon<sup>TM</sup> sheeting, capped with plastic end caps, labeled, and placed in an ice-filled cooler for preservation. The soil boring logs are included in Appendix B.

## 3.3 SITE HYDROGEOLOGY

Soils encountered in the borings consisted of interbedded silty clay, clayey to sandy silt, silty to gravelly sand, and sandy gravel to the total explored depth of 20 feet bgs. The zone between approximately 8 and 14 feet bgs in all three borings is composed of silty clay and sandy to clayey silt, with interbedded silt, sand and gravel layers above and below. Groundwater was encountered in borings SB-1 and SB-3 at depths of 8.62 and 9.5 feet bgs, respectively, but it was not apparent in boring SB-6. Groundwater data from previous investigations indicate that the direction of groundwater flow is to the west-southwest.

## 3.4 CONDUIT SURVEY

Appendix D is a summary of a conduit survey that was implemented to identify underground utilities down-gradient (with respect to historic groundwater flow direction) of the Site and evaluate their potential for preferential contaminant migration. Investigations conducted at and nearby the Site since 1993 have shown that the depth to shallow groundwater in the area has varied between 5 and 10 feet bgs. Shallow groundwater has been documented to flow in a southwest direction. San Pablo Avenue is located immediately down-gradient (with respect to shallow groundwater flow) of the Site. As such, any underground utility trench deeper than 5 feet bgs within the San Pablo Avenue Right-of-Way could potentially serve as a preferential pathway for contaminant migration.

A street utility map was obtained from the City of Emeryville Public Works Department for the San Pablo Avenue between 40<sup>th</sup> Street and 43<sup>rd</sup> Street. A copy of the map is included as Appendix D Attachment 1. The following underground utilities were identified:

- A 12- to 18-inch diameter storm drain is located approximately 15 feet from the western boundary of the Site under the north-bound lane of San Pablo Avenue. The bottom of the pipe is reported to be at a depth of 8.5 feet bgs with the bottom of the trench is likely around 9 feet bgs. This storm drain trench may at least partially lie within the shallow groundwater zone and thus has the potential to act as a preferential pathway for contaminant migration.
- An 8-inch diameter sewer main is located approximately 6.5 to 9 feet bgs near the middle of the San Pablo Avenue. The sewer trench may at least partially lie within the shallow groundwater zone and thus has the potential to act as a preferential pathway for contaminant migration.
- A water main and a gas main are located beneath the north-bound lane of San Pablo Avenue. A telephone line, a second water main and a second gas main are located beneath the south-

bound lane of San Pablo Avenue. In addition, a call to Underground Service Alert for the February 2006 field investigation resulted in markings of many underground electrical lines relating to street lighting and traffic signal controls and additional telephone and cable lines. Mr. Maurice Kaufman, Senior Civil Engineer at the City of Emeryville Public Works Department in charge of underground utility construction stated that all these underground utilities (except the storm drain and the sewer main identified above) are typically located within the top three feet and the bottom of their trenches rarely deeper than five feet. As such, these underground utilities do not appear to have the potential to act as preferential pathways for groundwater or contaminant movement.

In summary, the 8-inch diameter sewer main and the 12- to 18-inch diameter storm drain each have the potential to act as preferential pathways for contaminant migration.

## 3.5 WELL SURVEY

A receptor or well survey was implemented to identify wells within at least a ½ mile radius of the Site and evaluate the potential for Site-specific chemicals of concern in groundwater to impact wells, if identified. The well survey is provided in Appendix D and includes search of all wells and boreholes within a ~2 mile radius of the Site from the Water Resources Section (WRS) of ACPWA as well as a water well search within ½ mile radius of the Site by Banks Information Solutions, Inc (BIS) using the State of California well database. These two well surveys are summarized below:

#### WRS Search

- A total of 639 monitoring wells were identified, of which 150 were destroyed with permits.
- Eight (8) wells were labeled as "supply wells" within the ~2 mile radius, of which two were potentially located within a ½ mile radius of the Site: a "supply well" with drilling permit #W00-101A on Sherwin Avenue and another "supply well" with drilling permit #W00-654 on Hollis Street. A focused review of the original drilling permits and well logs for these two wells indicated that permit #W00-101A was erroneous and should be permit #99WR101A for the destruction of a monitoring well. Permit #W00-654 was for the construction of a contamination investigation monitoring well. In summary, the WRS database has no records of domestic wells or supply wells within ½ mile of radius of the Site.
- Eleven cathodic protection wells (CAT), three industrial wells (IND), two irrigation wells (IRR), and five abandoned or not being used wells (ABN) were identified within the ~2 mile radius of the Site. Further review of the well locations indicated that none of them were located within ½ mile radius of the Site.

#### BIS Search

URS had BIS implement a water well search within ½ mile radius of the Site using the State of California well database because area development began in the early 1900 and older water supply wells may not have been completely tracked by the WRS database (which was started in the 1980s). The BIS search identified three water wells in the State database within ½ mile radius of the Site. These included:

• State ID 01-763 water well owned by American Rubber Co. was identified near Park Avenue and Emery Street within approximately 1/8 mile of the Site. With respect to historic shallow

groundwater flow directions this location is cross-gradient of the Site. The well had a reported total depth of 160 feet. A May 18, 2006 field survey performed by OTG revealed that American Rubber Co. is no longer at this location and there were no observable signs of a water supply well within one city block area of the location. This area had been redeveloped extensively in the past 20 years and all businesses and residences have been using East Bay Municipal District (EBMUD) supplied water for years. Although no documentation is available, the well may have been destroyed prior to or during redevelopment.

- State ID 01-738 water well owned by Toscani Bakery was identified near Market Street between 40<sup>th</sup> Street and 41<sup>st</sup> Street within approximately 3/8 mile of the Site. With respect to historic shallow groundwater flow direction this location is upgradient of the Site. The well had a reported total depth of 108 feet. The May 18, 2006 field survey revealed that the bakery is no longer at this location. Single-family houses (which use EBMUD supplied water) now occupy this location. No signs of water wells were observed during the field survey. Due to its upgradient location, this well, if it still exists, is not likely to be impacted by migration of contaminants of concern from the Site.
- State ID 01-745 water well owned by City of Paris Cleaning & Dyeing Works was identified near Adeline Street and 35<sup>th</sup> Street within approximately 3/8 miles of the Site. With respect to historic shallow groundwater flow, this well is located cross-to-down-gradient of the Site. The well had a reported total depth of 97 feet. The May 18, 2006 field survey revealed that the Cleaning & Dyeing Works is no longer at this location. Several commercial buildings exist in the area and one of them has a sign of "City of Paris Studios" with a street address of 3516 Adeline Street. The building was locked and no one answered the door but it appeared to be an art studio. No signs of water wells were observed when walking in publicly accessible places around the area during the field survey. Buildings in the area were generally in poor condition and had either barbed wire or metal bar/fence protection. No attempt was made to enter these buildings during the field survey. Given the fact that this well, if it still exists, is located approximately 3/8 miles away and is not located in a direct down-gradient area of the Site, it is not likely to be impacted by migration of Site-specific contaminants of concern.

In summary, the area within ~2 mile radius of the Site has historically been an industrial, commercial and residential mixed use area that includes numerous contaminated sites under investigation and remediation as evidenced by the sheer number of monitoring wells recorded by the ACPWA-WRS. Within a ½ mile radius of the Site, it appears that no domestic or water supply wells have been installed since WRS started tracking well installation in 1980s. The three older water wells recorded in the state database could not be located in a field verification survey conducted on May 18, 2006. URS considers it highly unlikely that Site-specific contaminants of concern could impact the three closest wells identified based on their location with respect to the Site and historic shallow groundwater flow direction, even if they were still in existence.

## 4.1 SOIL ANALYTICAL RESULTS

The analytical results for the soil samples are summarized below. Table 1 includes a summary of the analytical results for all of the compounds analyzed. The complete laboratory reports are included in Appendix C.

### Total Petroleum Hydrocarbons

Gasoline Range Organics (GRO) were not detected above the laboratory-reporting limit in any of the samples analyzed. Diesel Range Organics (DRO) was detected above the laboratory-reporting limit in only one sample (boring SB-1 at 10-10.5 feet bgs, at 5.1 milligrams per kilogram [mg/kg]). Mineral Spirit Range Organics (MSRO) was only detected above the laboratory-reporting limit in one sample (SB-1 at 10-10.5 feet bgs at 6.2 mg/kg). URS notes that this soil sample was collected below first encountered groundwater in SB-1 (8.62 feet bgs) and may be more indicative of groundwater rather than soil quality.

### BTEX and MTBE

BTEX and was not detected above the laboratory reporting limit in any of the soil samples submitted for analysis. MTBE was detected above the laboratory-reporting limit in one sample (SB-3 at 15.5-16 feet bgs at 10 mg/kg). URS notes that this soil sample was collected first encountered groundwater in SB-3 (9.5 feet bgs) and may be more indicative of groundwater rather than soil quality.

## 4.2 GROUNDWATER ANALYTICAL RESULTS

Analytical results for the groundwater sample collected from boring SB-1 at a depth of 15-20 feet bgs are detailed below. Table 2 includes a summary of analytical results for all of the compounds analyzed. The complete laboratory reports are included in Appendix C.

#### Total Petroleum Hydrocarbons

GRO at 220  $\mu$ g/L, DRO at 310  $\mu$ g/L and MSRO at 110  $\mu$ g/L was quantified in the SB-1 groundwater sample.

### BTEX and MTBE

BTEX was not detected above the laboratory reporting limits in the groundwater sample from SB-1 while MTBE was quantified at  $5.2 \mu g/L$ .

The analytical results were subject to a quality assurance (QA) evaluation that included review of sample hold times, trip blanks (TB), method blanks (MB), laboratory control spikes (LCS) and laboratory control spike duplicates (LCSD), spikes (MS) and matrix spike duplicates (MSD), and surrogate spikes.

The trip blank was analyzed for GRO, which was not detected above laboratory reporting limits. All reported MBs, LCS/LCSD recoveries, MS/MSD recoveries, and surrogate spike recoveries were within laboratory quality control limits.

COC documentation was found to be complete and consistent. All samples were analyzed within the method specified holding time.

Based on the data quality evaluation, no systematic problems were detected and the overall data objectives for sample contamination, precision, accuracy, and sample integrity were met. These analytical data are of acceptable quality and may be used for their intended purposes.

Petroleum hydrocarbons GRO (220  $\mu$ g/L), DRO (310  $\mu$ g/L), MSRO (110  $\mu$ g/L), and MTBE (5.2  $\mu$ g/L) were detected in the SB-1 groundwater sample during this investigation. SB-1 is located northwest and side- to down-gradient of the Site. In addition low concentrations of DRO (5.1 mg/kg) and MSRO (6.2 mg/kg) were detected in a 10 to 10.5 foot bgs soil sample from SB-1. MTBE (10 mg/kg) was detected in 15.5 to 16 foot bgs soil sample from SB-3, which is located west-southwest and downgradient of the Site. These soil sample detections were below first encountered groundwater in both borings (8.62 feet bgs in SB-1 and 9.5 feet bgs in SB-3) and are thought to be more indicative of groundwater rather than soil quality.

Although, the analytical data set from this investigation phase is limited with respect to the original number of borings planned (URS April 2005 and OTG July 2005), the results remain roughly consistent with the iso-concentration contours presented in URS April 2005 with the exception of using historical data from former well MW-2 that was located west of 3999 San Pablo Ave. An updated iso-concentration contour map for MTBE (100 µg/L), benzene (50  $\mu$ g/L), benzene (ND) and MTBE (ND) and non-gas, non-diesel (1,000  $\mu$ g/L) is included in Figure 3. The petroleum hydrocarbon detections in the SB-1 groundwater and soil samples (10 to 10.5 feet bgs) generally agree with what would be expected in this area which is cross-gradient of the site and is probably influenced by lateral migration of TPH related constituents from underground utilities serving as secondary conduits. MTBE was detected at 10 mg/kg in the 15.5 to 16 foot bgs soil sample from boring SB-3 (again below first encountered groundwater at 9.5 feet bgs and most likely indicative of groundwater rather than soil quality). SB-3 is located at the southwest corner of the San Pablo Avenue and 40th Street intersection, and downgradient from the Site. Petroleum hydrocarbons were not detected in any SB-6 soil samples above or below what would be expected to be first encountered groundwater (~10 feet bgs). SB-6 is located on the south side of 40th Street, roughly 240 feet downgradient of the Site. This suggests that the downgradient extent of petroleum hydrocarbons is somewhat defined to the west-southwest. The historical presence of petroleum hydrocarbons in well LFMW-4 during the last sampling event in 1998 indicates that petroleum hydrocarbons in groundwater probably extend to the area somewhere between LFMW-4 and SB-6.

Since the four proposed borings SB-4, SB-5, SB-7, and SB-8 could not be advanced south and southwest of the subject site, the extent of petroleum hydrocarbons in groundwater in this direction could not be assessed other than to rely on historical data from former monitoring well MW-2 (destroyed in March 2004). MW-2 was part of the Yerba Buena / East Baybridge Development and was located to the west-southwest of the San Pablo Ave. /  $40^{th}$  Street intersection approximately 220 feet from the Site (see Figures 2 and 3). December 1994 to December 1995 sample results from MW-2 are as follows: TPHg ranged from 900 to 7,100 µg/L, TPHd ranged from ND (<50 µg/L) to 300 µg/L, benzene ranged from 11 to 65 µg/L, toluene ranged from ND (<0.5 µg/L) to 9 µg/L, ethylbenzene ranged from 32 to 130 µg/L and total xylenes ranged from 72 to 470 µg/L. TPHmo was never detected in groundwater samples from MW-2. MTBE analysis was never run on an MW-2 sample. TPH related constituents in MW-2 could be either related to the former Celis Site, the SFBC site (through transport in the paleo-channel identified on the SNK site) or to both sites as well as to other unknown sources.

The results of the conduit survey indicate that an 8-inch diameter sewer main (located approximately 6.5 to 9 feet bgs near the middle of the San Pablo Avenue) and a 12- to 18-inch diameter storm drain (located approximately 8 to 9 feet bgs roughly 15 feet from the western boundary of the Site under the north-bound lane of San Pablo Avenue) each have the potential to

act as preferential pathways for contaminant migration because they are of a depth that is consistent with shallow groundwater (historically 5 to 10 feet bgs).

The results of the well surveys indicate that the area within ~2 mile radius of the Site has historically been an industrial, commercial and residential mixed use area that includes numerous contaminated sites under investigation and remediation as evidenced by the sheer number of monitoring wells recorded by the ACPWA-WRS. Within a ½ mile radius of the Site, it appears that no domestic or water supply wells have been installed since WRS started tracking well installation in 1980s. The three older water wells that were recorded in the state database as being within ½ mile of the Site included: one within ~1/8 mile of the Site but cross-gradient with respect to shallow groundwater flow; a second well located ~3/8 mile from the Site but upgradient with respect to shallow groundwater flow; and a third well located ~3/8 mile from the site, cross-to-down-gradient with respect to shallow groundwater flow. These three wells could not be located in a field verification survey conducted on May 18, 2006. URS considers it highly unlikely that Site-specific contaminants of concern could impact these wells based on their location with respect to the Site and historic shallow groundwater flow direction, even if they were still in existence.

URS notes that soil remediation activities have been completed to the extent practicable at the former Celis Site and the SNK site. Partial soil remediation activities have also been completed at the former SFBC site. Extensive development of the area precludes any additional soil remediation activities with respect to the protection of groundwater quality, with the exception of potential soil remediation that may be conducted as part of Oak Walk Redevelopment activities. As illustrated on Figure 3, a narrow strip of land on the Oak Walk site next to 40<sup>th</sup> Street appears to have been impacted by petroleum hydrocarbons originating from the former Celis Site. It is the City's understanding that the petroleum hydrocarbon impacted soil will be removed for offsite disposal as part of the Oak Walk redevelopment. With this in mind, the remaining TPH related constituents in groundwater are acknowledged, fairly well documented and are undergoing natural attenuation. As natural attenuation occurs, impacted groundwater that could be attributed to the former Celis Site does not appear to pose a threat to any known receptors. No drinking water wells were found within the vicinity of the former Celis Site. According to the East Bay Plain Groundwater Basin Beneficial Use Evaluation Report (RWQCB, 1999), the former Celis Site is located in an area designated as Zone B, which indicates that groundwater is unlikely to be used as a drinking water resource. In this area, the basin is shallow; with depths generally less than 300 feet and well yields are generally not sufficient for municipal supply (RWQCB, 1999). In addition, the former Celis Site and vicinity are located in the Emeryville Brownfields Groundwater Management Zone where groundwater is not used for any municipal, domestic, industrial or agricultural purpose and no extractive beneficial uses are planned in the future.

Considering the above factors no additional soil borings or groundwater monitoring wells are necessary at or down-gradient of the former Celis Site and no additional investigation or remediation work associated with the former Celis Site is recommended, with the exception of the planned soil removal at the Oak Walk site as discussed above. Accordingly, the City requests the closure of the former Celis Site case once soil remediation at the Oak Walk site is completed.

- Levine-Fricke (LF) (1993a), Phase I Environmental Site Assessment, 40<sup>th</sup> Street Right-of-Way, Emeryville, California. Prepared for Catellus Development Corporation. Dated June 1993.
- Levine-Fricke (LF) (1993b), Phase II Investigation Results, Proposed 40<sup>th</sup> Street Right-of-Way, Emeryville, California. Prepared for Catellus Development Corporation. Dated September 1993.
- Levine-Fricke (LF) (1994a), Further Soil and Groundwater Investigation, Fuel Station, 40<sup>th</sup> Street Right-of-Way, Emeryville, California, Prepared for Catellus Development Corporation. Dated March 1994.
- Levine-Fricke (LF) (1994b), Report on Removal of Six Underground Fuel Storage Tanks and Associated Piping, Celis Alliance Fueling Station, 4000 San Pablo Avenue, Emeryville, California, Prepared for Catellus Development Corporation. Dated July 6, 1994.
- Levine-Fricke (LF) (1994c), Summary of Environmental Activities, Proposed 40<sup>th</sup> Street Extension, Emeryville, California. Prepared for Catellus Development Corporation. Dated November 1994.
- OTG EnviroEngineering Solutions, Inc. (OTG) (2005), Work Plan Addendum Review of Investigation and Remediation Results and Work Plan for Additional Investigation at Former Celis' Alliance Service Station Site. July 14, 2005
- Regional Water Quality Control Board San Francisco Bay (RWQCB) (1999) East Bay Plain Groundwater Basin Beneficial Use Evaluation Report. June 1999
- The San Joaquin Company Inc. (SJC) (2003), Corrective Action Report, SNK Andante Project, 3992 San Pablo Avenue, Emeryville, California. Prepared for SNK Captec Andante LLC. August 2003.
- URS Corporation (URS) (2005), Review of Investigation and Remediation Results and Work Plan for Additional Investigation at Former Celis' Alliance Service Station, 4000 San Pablo Avenue Emeryville, California. April 2005
- Woodward-Clyde Consultants (WCC) (1995), Report on Soil Remediation at the Former Celis Alliance Fueling Station, 4000 San Pablo Avenue, Emeryville, California. Prepared for City of Emeryville Redevelopment Agency, Dated January 6, 1995.
- Woodward-Clyde Consultants (1997), 3<sup>rd</sup> Quarter 1997 Groundwater Monitoring Results and Well Construction Report for Extraction Well EW-1, Former Celis Alliance Gas Station Site, Emeryville, California. Dated November 13, 1997.
- Woodward-Clyde Consultants (1998), Quarterly Groundwater Monitoring Results for the 2nd Quarter 1998, The Former Celis Alliance Gas Station at 4000 San Pablo Avenue, Emeryville, California. July 17, 1998.

Table 1
Soil Analytical Results
Former Celis-Alliance Fuel Station, Emeryville, California

		Results (mg/kg)							
Sample ID	Date	GRO	DRO	MSRO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
SB-1-6-6.5	2/6/2006	<0.98	<0.99	<0.99	< 0.005	<0.005	<0.005	<0.01	<0.005
SB-1-10-10.5	2/6/2006	<0.98	5.1	6.2	< 0.005	<0.005	<0.005	<0.0099	<0.005
SB-1-15.5-16	2/6/2006	<0.98	<0.99	<0.99	<0.005	<0.005	<0.005	<0.0099	<0.005
SB-1-18.5-19	2/6/2006	<0.99	<0.99	<0.99	<0.005	<0.005	<0.005	<0.0099	<0.005
SB-3-6-6.5	2/7/2006	<1.0	<1.0	<1.0	<0.0046	<0.0046	<0.0046	<0.0093	<0.0046
SB-3-11-11.5	2/7/2006	<1.0	<0.99	<0.99	<0.0048	<0.0048	<0.0048	<0.0095	<0.0048
SB-3-15.5-16	2/7/2006	<0.98	<1.0	<1.0	<0.0047	<0.0047	<0.0047	<0.0095	10
SB-6-5.5-6	2/7/2006	<0.99	<0.99	<0.99	< 0.005	<0.005	<0.005	<0.0099	<0.005
SB-6-11.5-12	2/7/2006	<1.0	<0.99	<0.99	<0.0047	<0.0047	<0.0047	<0.0093	<0.0047
SB-6-15.5-16	2/7/2006	<1.0	<0.99	<0.99	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049
SB-6-19.5-20	2/7/2006	<0.98	<0.99	<0.99	<0.0049	<0.0049	<0.0049	<0.0099	<0.0049

#### Notes:

GRO: Gasoline Range Organics, range C5-C12 DRO: Diesel Range Organics, range C10-C28 MSRO: Mineral Spirit Range Organics, range C9-C13

# Table 2Groundwater Analytical ResultsFormer Celis-Alliance Fuel Station, Emeryville, California

			Results (μg/L)						
Sample ID	Date	GRO	GRO DRO MSRO Benzene Toluene Ethylbenzene Xylenes MTBE						
SB-1-15-20**	2/6/2006	220	310	110	<0.5	<0.5	<0.5	<1.0	5.2

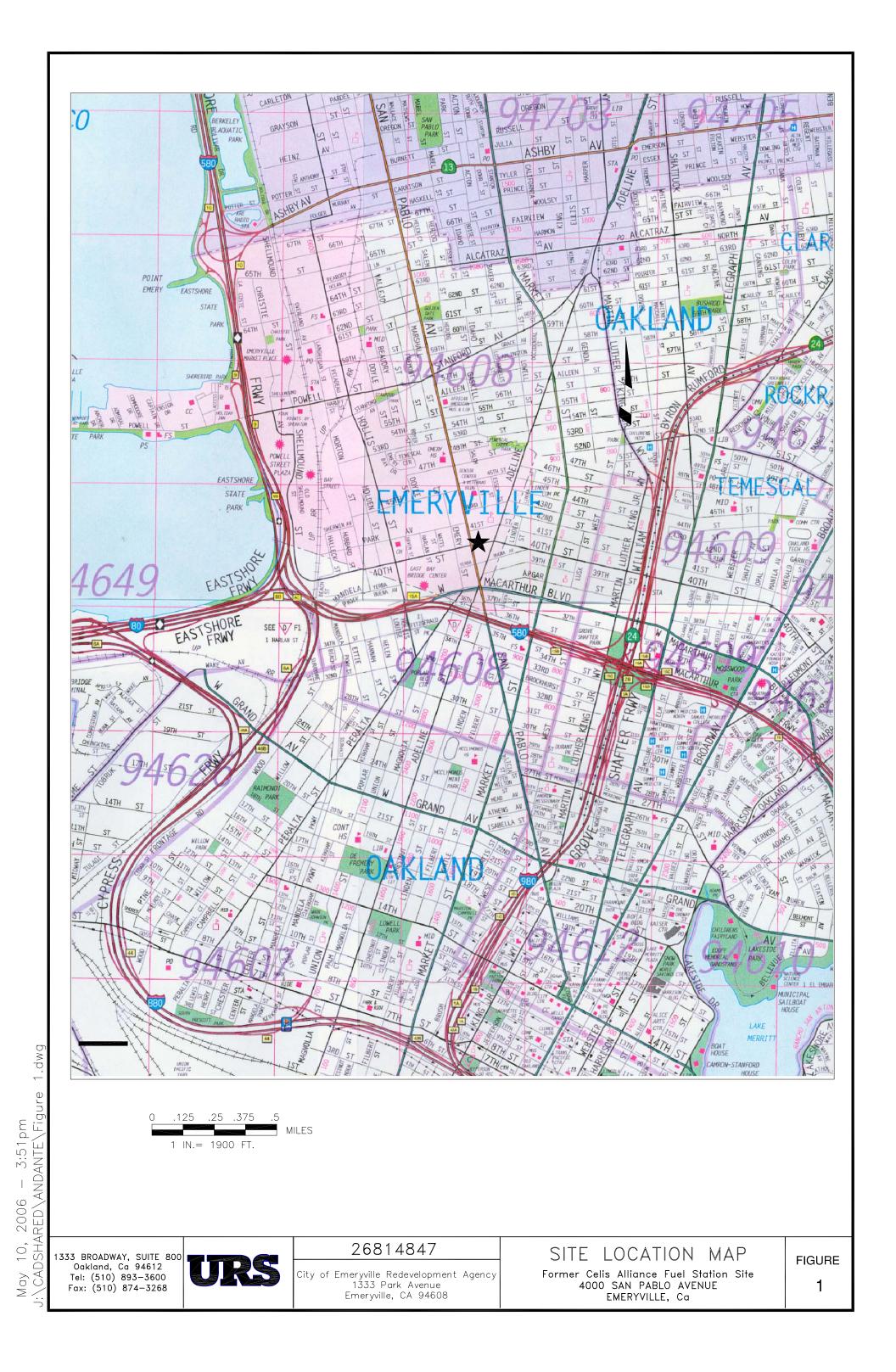
#### Notes:

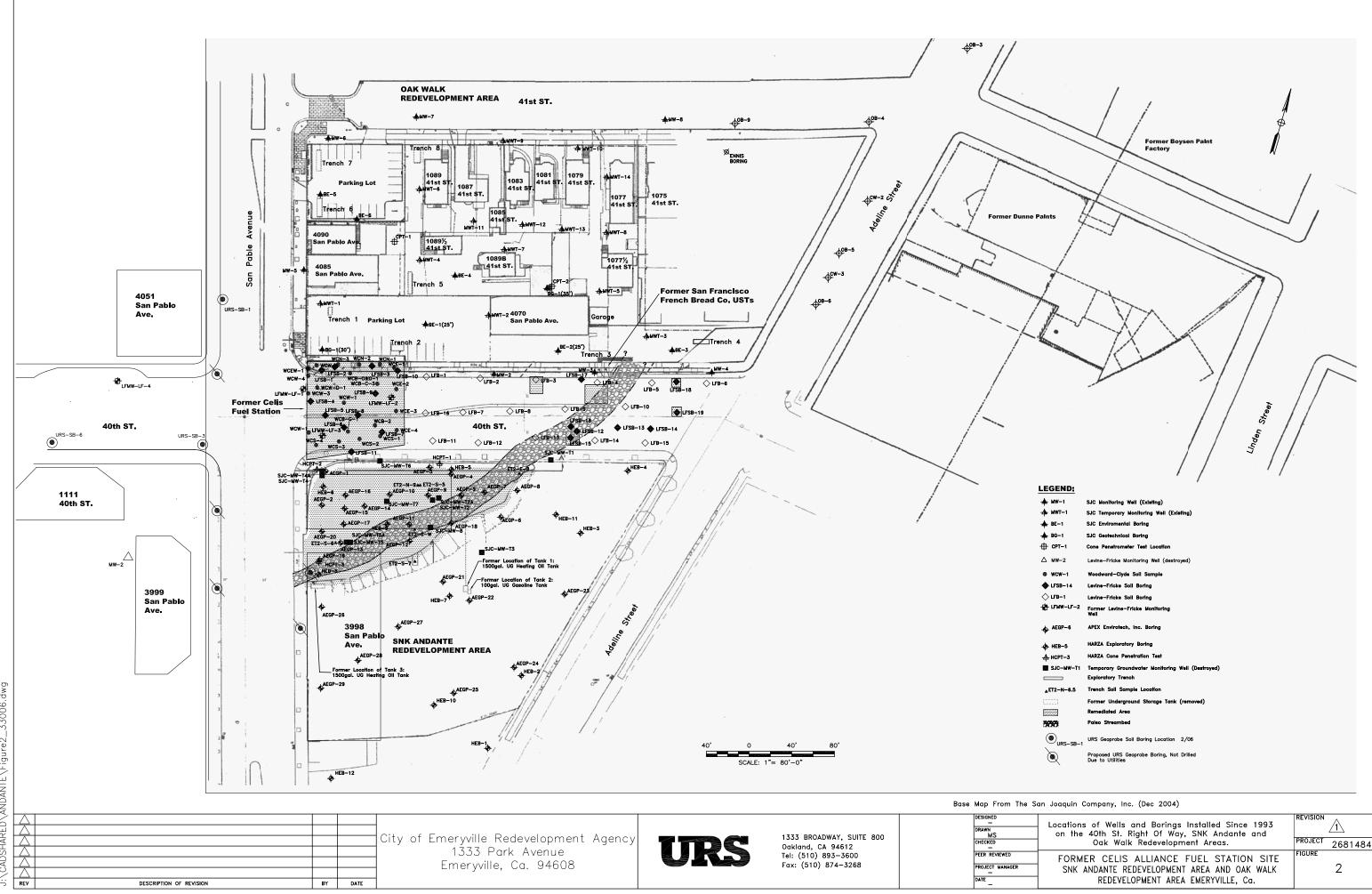
GRO: Gasoline Range Organics, range C5-C12

DRO: Diesel Range Organics, range C10-C28

MSRO: Mineral Spirit Range Organics, range C9-C13

\*\*: 15-20 indicates screened interval of temporary well

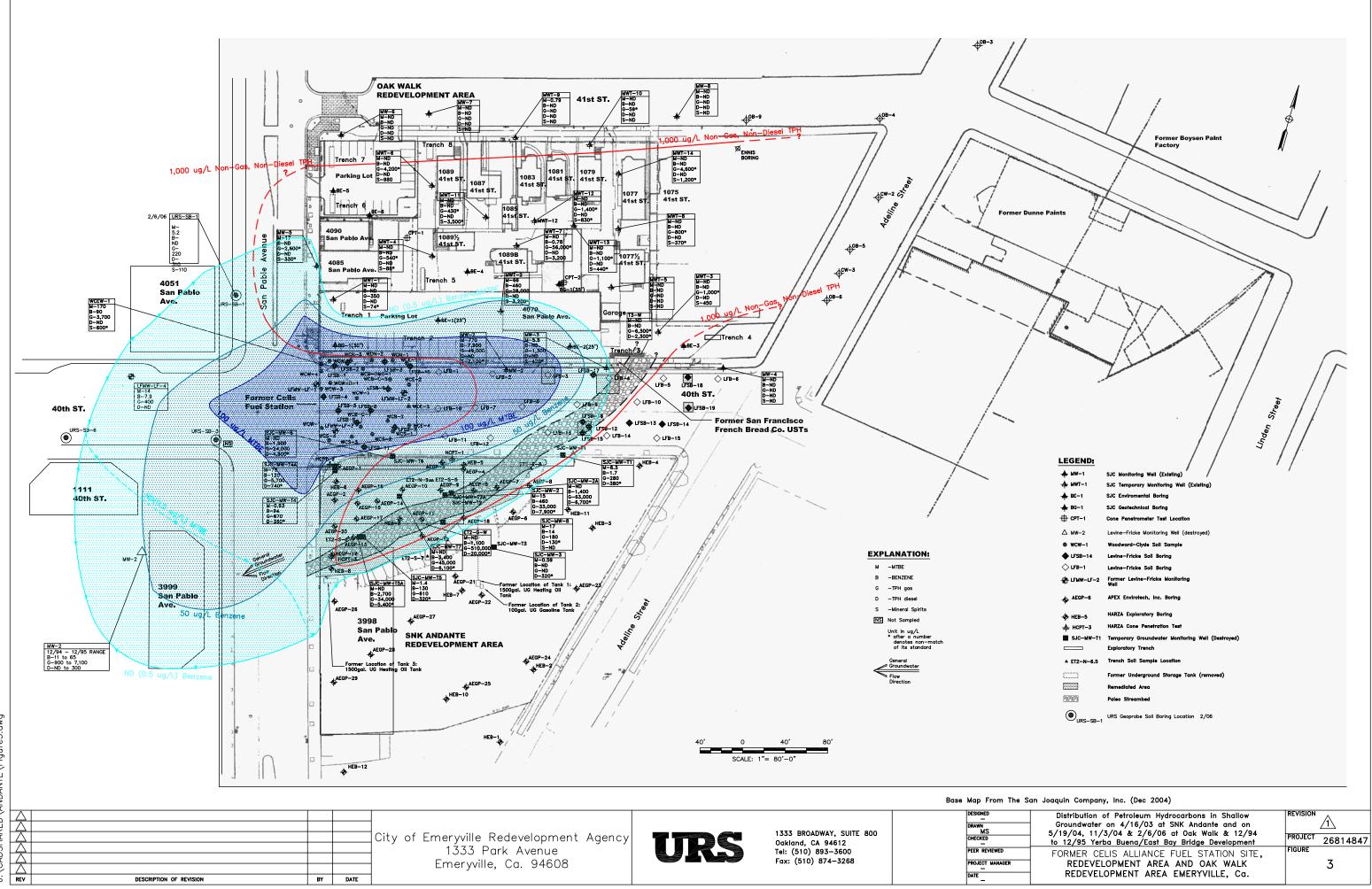




May 24, 2006 - 1:07pm J:\CADSHARED\ANDANTE\Figure2\_33006.dwg

10-0-2	Former Levine—Fricke Monitoring Well
✦ <sup>AEGP-6</sup>	APEX Envirotech, Inc. Boring
+ HEB-5	HARZA Exploratory Boring
<b></b> + НСРТ−3	HARZA Cone Penetration Test
SJC-MW-T1	Temporary Groundwater Monitoring Well (Destroyed
	Exploratory Trench
▲ET2-N-6.5	Trench Soll Sample Location
()	Former Underground Storage Tank (removed)
	Remediated Area
566	Paleo Streambed
URS-SB-1	URS Geoprobe Soil Boring Location 2/06
Ò	Proposed URS Geoprobe Boring, Not Drilled Due to Utilities

	Locations of Wells and Borings Installed Since 1993 on the 40th St. Right Of Way, SNK Andante and Oak Walk Redevelopment Areas.	REVISION PROJECT	<u>_1</u> 26814847
R	FORMER CELIS ALLIANCE FUEL STATION SITE SNK ANDANTE REDEVELOPMENT AREA AND OAK WALK REDEVELOPMENT AREA EMERYVILLE, Ca.	FIGURE	2



May 24, 2006 – 1:13pm J:\CADSHARED\ANDANTE\Figure3.dwg Appendix A Permits

# Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street Hayward, CA 94544-1395 Telephone: (510)670-6633 Fax:(510)782-1939

Application Approve Permits Issued:	d on: 11/22/2005 By jamesy W2005-1123	Receipt Number: WR2005-2208 Permits Valid from 12/01/2005 to 01/31/2006
Application Id: Site Location:	1132257142156 4000 San Pablo Ave	City of Project Site:Emeryville
Project Start Date:	12/01/2005	Completion Date:01/31/2006
Applicant:	OTG Enviroengineering Solutions, Inc - Tong	<b>Phone</b> : 510-465-8982
Property Owner: Client:	Xinggang 464 19th Street, Suite 206, Oakland, CA 94612 City of Emeryville Clty of Emeryville 1333 Park Ave., Emeryville, CA 94608 OTG OTG Enviroengineering Solutions, Inc 464 19th Street. Suite 206, Oakland, CA 94612	Phone: 510-596-4356

	Total Due: Total Amount Paid: Paid By: CHECK	\$200.00 <u>\$200.00</u> PAID IN FULL
Works Requesting Permite:		·

#### Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 8 Boreholes Driller: ResonantSonic-URS-SB-1 to URS-SB-8 - Lic #: 802334 - Method: DP

Work Total: \$200.00

Specificati	ons				
Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2005- 1123	11/22/2005	03/01/2006	-	1.50 in.	20.00 ft

#### **Specific Work Permit Conditions**

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact George Bolton for an inspection time at 510-670-5594 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

6. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

STATE OF CALIFORNIA • DEPARTM		Permit No.			
TR-0120		0406-6DP0049			
In compliance with (Check one):		Dist/Co/Rte/PM 04-Ala-123	0.38		
Your application of Januar	y 11, 2006	Date January 12, 2006			
	y 11, 2000	Fee Paid	Deposit		
Utility Notice No.	of	\$164.00	2 of and		
Agreement No.	of	Performance Bond Amount (1)	Payment Bond Amount (2)		
		Bond Company			
R/W Contract No.	of	Bond Number (1)	Bond Number (2)		
TO: URS Corporation 1333 Broadway, S Oakland, CA 946			<u> </u>		
Attn: Leonard Phone: (510) 87		, PERMITTEE			

And subject to the following, PERMISSION IS HEREBY GRANTED to:

Perform the following work as part of the project for City of Emeryville: Perform ground water sampling, on State Highway 04-Ala-123, Post Miles 0.38, at 4000 San Pablo Avenue, 40<sup>th</sup> Street, 150-feet North to the site, in the City of Emeryville.

A minimum of one week prior to start of work under this permit, notice shall be given to, and approval of construction details, operations, public safety, and traffic control shall be obtained from State Representative N. Freitag, 600 Lewelling Blvd., San Leandro, CA 94579, 510-614-5951, weekdays, between 7:30 AM and 4:00 PM.

All permitted work requires the Permittee to apply for and obtain a work authorization number prior to start of work. See the attached "Encroachment Permit Project Work Scheduling Procedures" and the attached "Permit Project Work Scheduling Request Form". Additional time beyond the minimum seven-day advanced notice required in the above paragraph may be required for obtaining the traffic control approval.

	_	nts are also included as part of this permit (Check	applicable):	In addition to fee, the permittee will be billed actual costs for:		
⊠ Yes □ Yes □ Yes □ Yes	<ul> <li>N₀</li> <li>N₀</li> <li>N₀</li> <li>N₀</li> <li>N₀</li> </ul>	General Provisions Utility Maintenance Provisions Special Previsions A Cal-OSHA permit required prior to beginning #	; work:	<ul> <li>Yes X No Review</li> <li>Yes X No Inspection</li> <li>Yes → Field Work</li> <li>(If any Caltrans effort expended)</li> </ul>		
🗌 Yes	🛛 No	The information in the environmental document	ation has been revie	wed and considered prior to approval of this permit.		
This permi	t is void unle	ss the work is completed before December 3	l, 2006.			
		ctly construed and no other work other than specifi e commenced until all other necessary permits and				
			APPROVED:			
			BIJAN SARTI	PI, District Director		
		Acting for	BY: Buhm- S. S. NOZZARI	, Zue , District Permit Engineer		
	Page 1 of 2					

URS Corporation Permit No. 0406-6DP0049 January 12, 2006

The site of the work shall be enclosed by suitable barricades, signs and lights, as approved by State's representative, to warn and protect traffic effectively.

All of Permittee's personnel shall wear appropriate personal protective equipment, including hard hats and brightcolored vests, shirts or jackets with retro-reflective material while on State highway right-of-way.

No surveying or other work is authorized at locations accessible only from through traffic lanes of freeways or expressways without separate written permission.

Before any work is begun, which will interrupt the normal flow of public traffic, approval shall be obtained from State's representative, and closures will be as shown on the attached copy of Standard Plan Sheets T-10 through T-14.

Traffic control is authorized only between 9:00 AM to 3:00 PM, Monday through Friday, holidays excluded or as directed by State Representative.

Plan Sheet T-10 is for shoulder work only.

Any damage to existing state facilities shall be repaired or replaced in kind by the Permittee immediately.

All boring holes shall be backfilled per Caltrans standard or as directed by State Representative immediately after water sampling is completed.

Certain details of work authorized hereby are shown on the plan submitted for detail No. 0405-NSV2063. All work within State right of way shall conform to current State Standard Plans and Specifications. Changes to the Plans, Specifications, and Permit Provisions are not allowed without prior approval from the State Representative.

Immediately following completion of the work permitted herein, the Permittee shall fill out and mail the "Notice of Completion" attached to this permit.

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION ENCROACHMENT PERMIT	Permit No.				
TR-0120	0405-NSV2063				
In compliance with (Check one):	Dist/Co/Rte/PM 04-Ala-123	0.38			
	Date				
Vour application of November 4, 2005	December 15, 2005 Fee Paid	Deposit			
Utility Notice No. of	ree Palo	Deposit			
Agreement No. of	Performance Bond Amount (1)	Payment Bond Amount (2)			
R/W Contract No.   of	Bond Company	<u>1</u>			
	Bond Number (1)	Bond Number (2)			
TO: City of Emeryville 1333 park Avenue Emeryville, CA 94608					
Attn: Ignacio Dayrit Phone: (510) 596-4356	, PERMITTEE				

And subject to the following, **PERMISSION IS HEREBY GRANTED** to:

Perform ground water sampling, on State Highway 04-Ala-123, Post Miles 0.38, at 4000 San Pablo Avenue, 40<sup>th</sup> Street, 150-feet North to the site, in the City of Emeryville.

A minimum of one week prior to start of work under this permit, notice shall be given to, and approval of construction details, operations, public safety, and traffic control shall be obtained from State Representative N. Freitag, 600 Lewelling Blvd., San Leandro, CA 94579, 510-614-5951, weekdays, between 7:30 AM and 4:00 PM.

All permitted work requires the Permittee to apply for and obtain a work authorization number prior to start of work. See the attached "Encroachment Permit Project Work Scheduling Procedures" and the attached "Permit Project Work Scheduling Request Form". Additional time beyond the minimum seven-day advanced notice required in the above paragraph may be required for obtaining the traffic control approval.

	ving attachme	ents are also included as part of this permit (Check applicable):	In addition to fee, the permittee will be billed actual costs for:						
⊠ Yes □ Yes □ Yes □ Yes	No No No No No	General Provisions Utility Maintenance Provisions Special Previsions A Cal-OSHA permit required prior to beginning work:	□       Yes       ⊠       No       Review         □       Yes       ⊠       No       Inspection         □       Yes        Field Work						
		#	(If any Calirans effort expended)						
🗌 Yes	🛛 No	The information in the environmental documentation has been rev	viewed and considered prior to approval of this permit.						
This permi	t is void unle	ess the work is completed before December 31, 2006							

This permit is to be strictly construed and no other work other than specifically mentioned is hereby authorized. No project work shall be commenced until all other necessary permits and environmental clearances have been obtained.

	APPROVED:	
	BIJAN SARTIPI, District Director	
	BY: Behme Tane (	
ting for	S. S. NOZZARI, District Permit Engineer	

City of Emeryville Permit No. 0405-NSV2063 December 15, 2005

The site of the work shall be enclosed by suitable barricades, signs and lights, as approved by State's representative, to warn and protect traffic effectively.

All of Permittee's personnel shall wear appropriate personal protective equipment, including hard hats and brightcolored vests, shirts or jackets with retro-reflective material while on State highway right-of-way.

No surveying or other work is authorized at locations accessible only from through traffic lanes of freeways or expressways without separate written permission.

Before any work is begun, which will interrupt the normal flow of public traffic, approval shall be obtained from State's representative, and closures will be as shown on the attached copy of Standard Plan Sheets T-10 through T-14.

Traffic control is authorized only between 9:00 AM to 3:00 PM, Monday through Friday, holidays excluded or as directed by State Representative.

Plan Sheet T-10 is for shoulder work only.

Any damage to existing state facilities shall be repaired or replaced in kind by the Permittee immediately.

Notwithstanding General Provisions # 4, your contractor is required to apply for and obtain an encroachment permit prior to starting work. A fee/deposit of \$164.00 is required at the time of application.

All boring holes shall be backfilled per Caltrans standard or as directed by State Representative immediately after water sampling is completed.

Immediately following completion of the work permitted herein, the Permittee shall fill out and mail the "Notice of Completion" attached to this permit.

2002/002

# .. Eacroachment Permit Work Scheduling Request Form

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TRAFFIC MANAGEMENT

210-586-4215 05/01/2000 10:15

contact : Xinggang Encroac at (510) 465-8982	
I	Permit No Wold (1) A Date 1. 24. 01
APPLICANT URS Corporation	Permit Admin. Fee \$1.50
CONTACT PERSON General May / Last	Permit Inspection Deposit (2 hr. min.)
ADDRESS 1333 Bradinary, Suite 800 PHONE (50) 874-3080	Required Security Deposit:  S1.000 cash
PHONE (5/0) 874-2080	□ \$10,000 Bond, Bond #
FAX (510) & 74 - 3268	□100% Perf. Bond,
	Bond ValueBond #
OWNER/DEVELOPER OF FACILITIES	Total Payment Required
<u>City of Emeryville</u>	Received:Date
ADDRESS	Receipt #
PHONE	Failure to obtain approval of a Final Inspection of the work covered by this Encroachment Permit within one
FAX	(1) year of the estimated completion date shall result in
	the loss of the security deposit which shall be retained
CONTRACTOR DOING WORK	by the City of Emeryville.
UPS Carpanation	
URS Corporation	
CONTACT PERSON George Muchleck	
ADDRESS 1333 Broadway, Suite 800	PHONE 5/0-874-3089AX_5/0-874-326
ICENSE NOCLASS	
Yes DNO CURRENT CITY BUSINESS LICEN	VSE ON FILE
Yes DNO PROVIDE PROOF OF INSURANCE	3
EST. START DATE 10/20/05 EST. COMPLETION	N DATE 12/15/05 EST. COST IN CITY R/W 18,00
LOCATION OF WORK 40th st. at Sa	m Podo Ave
CHECK ALL THAT APPLY	
Traffic Control DSurvey D Sidewalk Detour Dumpster D	Temporary No Parking
Private Facilities on Public Right of Way D Construction r	Sidewalk D Driveway Approach SCurb & Cutton - D. J. (
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ULLY DESCRIBE PROPOSED WORK WITHIN	CITY RIGHT-OF-WAY (additional space on reverse if
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Drill 8 soil borings in October os , Install 3 meniforing Wells in De IN sidewalt in areas the Geogradian In and ewalt in areas the Geogradian In and ewalt in areas the Geogradian In areas to protect and indemnify the City of Emery or injury or damage to persons or property as set forth in Il materials to be used are on hand; to perform all work in rovisions to Encroachment Permit, and all applicable Spin in a satisfaction of the City Engineer and if for any reason ay all costs for such work applicant Signature for any reason in the following documents are attached and incorporated in Standard Provisions to Encroachment Permit In Spece In City Standard Details (List Details) In the following documents are attached and incorporated in Standard Provisions to Encroachment Permit In Spece In City Standard Details (List Details) In the following documents are attached and incorporated in Standard Provisions to Encroachment Permit In Spece In City Standard Details (List Details) In the following documents are attached and incorporated in Standard Provisions to Encroachment Permit In Spece In City Standard Details (List Details) In AS-BUILT PLANS REQUIRED In PLEASE CALL FOR INSPECTION AT 510-596-4332 In PLEASE NOTIFY POLICE (510-596-4700) AND FI	f applicable. , $Ma_{X}$ . 2 days of Work prember 05 pum on plan rville and hold it harmless in every way from all claim or suits the Standard Provisions. I agree not to begin construction unt n accordance with the plans submitted (if any), the Standard ecial Conditions of Approval, and to pay all inspection and assuance of this permit. I further agree to complete the work to the City of Emeryville is required to complete this work, I will Date days oLong Term Permit into this permit and have been given to the applicant: fal Conditions of Approval dout, Urban Runoff BMP's  PRIOR TO START OF WORK 33 RE (510-596-3750) 24 HOURS IN ADVANCE
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After final inspection is approved, please contact the Public Works Department at 510-596-4330 to determine final cost, and for final payment or reimbursement of deposit.

Appendix B Boring Logs

Boradway, Suite 800 Oakland, California 94612         Berehole ID: SB-1 Total Depth: 20 feet bgs         PROJECT INFORMATION         DRULLING INFORMATION         Project: Cdis Aliance-Encryville         Offiling Company: Reconstitution:         Site Location: San Pablo Ave. and 40th St., Emeryville, CA         Drilling Method: Direct Pask         Reconstitution:         Boring Diameter: 2*         Coordinate:         Reconstitution:         Reconstitution:         Reconstitution:          Reconstitution:															
PROJECT INFORMATION         Drilling Company: ResonantSonic           Project: Cells Alliance-Emeryville         Drilling Company: ResonantSonic           Site Location: San Pablo Ave. and 40th St., Emeryville, CA         Drilling Company: ResonantSonic           Project Manager: George Mushlack         Type of Drilling Rig: Power Probe 5400           RG: Location: San Pablo Ave. and 40th St., Emeryville, CA         Drilling Method: Direct Push           RG: Location: San Pablo Ave. and 40th St., Emeryville, CA         Drilling Method: Direct Push           RG: Location: San Pablo Ave. and 40th St., Emeryville, CA         Drilling Method: Direct Push           Geologist: Rence MFRIAIN         Sampling Method: Direct Push           Job Number: 26814847.02000         Data(s) Drilled: 2/06/06           BORING INFORMATION         Groundwater Depth: 8.62 feet bgs           Boring Type: Exploratory         Electron of Black & White Liquer Store, 4051 San           Air Kinife or Hand Auger Depth: S.0 feet         Boring Type: Exploratory           Coordinates:         X           Y         Boring Type: Exploratory           Begin         Go           Condenses         X           Y         Boring Type: Exploratory           Begin         Go           Condenses         X           Y         Boring Type: Exploratory      <	1333 Broadway, Suite 800 Borehole I														
PROJECT INFORMATION         DRILLING INFORMATION           Project: Colis Alliance-Emergyille         Drilling Company: RescanatSonic           Site Location: San Pablo Ave. and 40th St., Emeryville, CA         Drilling Company: RescanatSonic           Site Location: San Pablo Ave. and 40th St., Emeryville, CA         Drilling Method: Direct Push           Project Manager: George Mublick         Type of Drilling Rip:Power Prote 5400           RG: Location: San Pablo Ave. and 40th St., Emeryville, CA         Drilling Method: Direct Push           Geologist: Renee McFarlan         Sampling Method: Direct Push           Job Number: 26814847.02000         Date(s) Drilling: 206/06           Boring Location: In front of Black & White Liquer Store, 4051 San Air Konfio or Hand Augor Depth: 5.0 feet         Boring Type: Exploratory           Coordinates: X         Y         Boring Type: Exploratory           Go         Concentre: CLAVEY SULT: Black (2.5V 2.51), fmm, medium plastoly, 20% clay, 75% sill, -5% fine grained sand, dry         ML           10         CRAVELLY SAND: Brown (10YR 4/3), losse, angular to submounded, mediang grained gravel, low plastic fines, dry to midiu grained gravel, low plastic fines, dry to midiu grained gravel, low plastic fines, dry to midiu graving gravel, low plastic fines, dry to midiu graving gravel, dry Rivel, Bown (10YR 8/8), with some blash grave gravel gravel, low plastic fines dry to midiu gravel gravel up to 0.25 in diameter, mold.         SNV         1.1         SB-1 8-1         SB-1 8-1			N	Oakland, California 946	<b>12</b> Total Depth: 20 feet bgs										
Project:       Celling Company:       ResonantSonic         Site Location:       San Pablo Ave. and 40th St., Emeryville, CA       Driller:       Ethal. Jorge, Philipe         Project Manager:       Governments       Type of Drilling Rig: Power Prote 5440         RG:       Lonard Niles       Drilling Method:       Diraction:         Geologist:       Rence McPatain       Sampling Method:       Diraction:         Job Number:       26814847.02080       Date(s) Drilled:       206/06         Groundwater Depth:       8.02 feet bgs       Boring Tupe:       Exploratory         Groundwater Depth:       8.02 feet bgs       Boring Type:       Exploratory         Governates:       X       Y       Boring Type:       Exploratory         Goundwater       Concerter       Concerter       Exploratory         Goundwater	P	ROJE		FORMATION											
Site Location: San Pablo Ave. and 40th St., Emeryville, CA     Driller: Ethaa, Jorge, Phillipe       Project Manager: George Muchicek     Type of Drilling Rig: Power Probe 5400       RG: Loronar Niles     Drilling Method: Direct Push       Geologist: Rence McFarlan     Sampling Method: Duril-Tube acctate sleeve       Job Number: 26814447.02000     Date(s) Drilled: 2006/6       BORING INFORMATION     Boring Location: In front of Black & White Liquor Store, 4051 San       Air Knife or Rand Auger Depth: 5.0 foet     Boring Location: In front of Black & White Liquor Store, 4051 San       Air Knife or Rand Auger Depth: 5.0 foet     Boring Type: Exploratory       Coordinates: X     Y       Boring Type: Exploratory       Go     Lithologic Description       Sig     Go       Go     CONCRETE       CLYVEY SLT: Black (2.5Y 2.51'), firm, medium plasticity, 20% clay,       File     CONCRETE       CLAYEY SLT: Black (2.5Y 2.51'), firm, medium plasticity, 20% clay,       File     CARVELLY SAND: Brown (10YR 4/3), loces, angular to subangular, fine to coarse granted sand, dry       Air Nor Sult: Black (2.5Y 2.51'), firm, medium       File     CONCRETE       CLAYEY SLT: Black (2.5Y 2.51'), firm, medium       File     CONCRETE       CLAYEY SAND: Brown (10YR 4/3), loces, angular to subangular, fire to coarse       File     GRAVELLY SAND: Brown (10YR 4/3), loces, angular to subangular, gravel															
RG: Leonard Niles       Drilling Method: Direct Push         Geologist: Rance McFarlan       Sampling Method: Direct Push         Job Number: 26814847.02000       Date(s) Drilled: 2060/6         BORING INFORMATION         Groundwater Depth: 8.62 feet bgs       Boring Location: In front of Black & White Liquer Store, 4051 San         Air Knife or Hand Auger Depth: 5.0 feet       Boring Type: Exploratory         Coordinates:       X       Y       Boring Type: Exploratory         Geologist: Rance McFarlan       Geologist Rance       Geologist Rance       Geologist Rance         Gord       Geologist Rance       Comments       Geologist Rance       Geologist Rance         Geologist: Rance       Geologist Rance       Geologist Rance       Geologist Rance       Geologist Rance         Geologist: Rance       Geologist Rance       Geologist Rance       Geologist Rance       Geologist Rance         Geologist: Rance       Mitheorit Rance       Geologist Rance       Geologist Rance       Geologist Rance       Geologist Rance         Geologist: Rance       Rance       State       Geologist Rance       Geologist Rance       Geologist Rance         Geologist: Rance       Geologist Rance       Geologist Rance       Geologist Rance       Geologist Rance       Geologist Rance         Geologist: Rance	Site Location	: San P	Pablo Av	e. and 40th St., Emeryville, CA											
Geologist: Rence McFarlan       Sampling Method: Dual-Tube acetate sleeve         Job Number: 26814847.02000       Date(s) Drilled: 2/06/06         BORING INFORMATION         Groundwater Depth: 5.02 feet bgs       Boring Location: In form of Black & White Liquer Store, 4051 San         Air Knife or Hand Augor Depth: 5.0 feet       Boring Diameter: 2*         Coordinates:       X       Y       Boring Type: Exploratory         Ge       Ge <th< td=""><td>Project Mana</td><td>ger: (</td><td>George N</td><td>fuehleck</td><td colspan="10">Type of Drilling Rig: Power Probe 5400</td></th<>	Project Mana	ger: (	George N	fuehleck	Type of Drilling Rig: Power Probe 5400										
Job Number:       268/14847.02000       Date(s) Drilled:       206/06         Boring Location: In front of Black & White Liquor Store, 4051 San         Air Knife or Hand Auger Depth:       8.62 feet bgs       Boring Diameter:       2"         Coordinates:       X       Y       Boring Type:       Exploratory         Image: State of the sta	RG: Leonard N	liles			Drillin	g Method: Direc	t Push								
BORING INFORMATION         Groundwater Depth: 5.02 feet bgs       Boring Location: In front of Black & White Liquer Store, 4051 San         Air Knife or Hand Auger Depth: 5.0 feet       Boring Diameter: 2"         Coordinates: X       Y       Boring Type: Exploratory         Coordinates:       X       Y       Boring Type: Exploratory         Image: State of the state of	Geologist: Re	ence M	lcFarlan		Sampling Method: Dual-Tube acetate sleeve										
Groundwater Depth: 8.62 feet bgs       Boring Location: In front of Black & White Liquor Store, 4051 San         Air Knife or Hand Auger Depth: 50 feet       Boring Diameter: 2"       Boring Type: Exploratory         Coordinates:       X       Y       Boring Type: Exploratory         Image: Concentration of Black & White Liquor Store, 4051 San       Boring Type: Exploratory       Comments         Image: Concentration of Black & White Liquor Store, 4051 San       Boring Type: Exploratory       Comments         Image: Concentration of Black & White Liquor Store, 4051 San       Boring Type: Exploratory       Comments         Image: Concentration of Black & White Liquor Store, 4051 San       Boring Concentration of Black & White Liquor Store, 4051 San         Image: Concentration of Black & White Liquor Store, 4051 San       Boring Concentration of Black & White Liquor Store, 4051 San         Image: Concentration of Black & White Concentration of Black & White Liquor Store, 4051 San       Boring Concentration of Black & White Liquor Store, 4051 San         Image: Concentration of Black & White Concentration of Bl	Job Number:	26814	4847.020	00	Date(s) Drilled: 2/06/06										
Air Knife or Hand Auger Depth: 5.0 fect       Boring Diameter: 2"         Coordinates:       X       Y       Boring Type: Exploratory         Image: State of the state of t				BORING IN											
Coordinates:       X       Y       Boring Type: Exploratory         Image: State of the st	Groundwater	<b>h:</b> 8.62	feet bgs	Location: In fro	front of Black & White Liquor Store, 4051 San Pable										
Image: State of the second state of	Air Knife or H	land A	Auger E	Depth: 5.0 feet	Boring	Diameter: 2"									
0       CONCRETE         2       CLAYEY SILT: Black (2.5Y 2.5/1), frm, medium plasticity, 20% clay, 75% sit, <5% fine grained sand, dry	Coordinates:	Х		Y	Boring	Type: Explorate	жу								
1       CONCRETE       CONCRETE         2       CLAYEY SLIT: Black (2.5Y 2.5/1), frm, medium plasticity, 20% clay, 75% silt, <5% fine grained sand, dry       ML         4       as above, with minor fine to coarse subangular gravel at 4' bgs       0.1       SB-1-         6       C. GRAVELLY SAND: Brown (10YR 4/3), loose, angular to subrounded, fine to coarse grained sand, angular to subangular, fine to coarse grained sand, angular to subangular, fine to coarse grained sand, involved pasticity, 70% silt, 30% fine grained sand, for what is fine grained sand, minor angular to subangular gravel up to 0       0.1       SB-1.         10       SANDY SILT: Very dark brown (10YR 6/8), loose, 30% silt, 60% fine to medium grained sand, most       SMU       1.1       SB-1.         11       SANDY SILT: Vellowish brown (10YR 6/8), loose, 30% silt, 60% fine to medium grained sand, most       SMU       1.8       SB-1.         12       SANDY SILT: Yellowish brown (10YR 6/8), loose, 30% silt, 60% fine to medium grained sand, most       SMU       1.8       SB-1.         14       SANDY SILT: Yellowish brown (10YR 6/8), loose, 30% silt, 60% fine to medium grained sand, 10% angular to subangular gravel up to 1.2       SMU       1.8       SB-1.         16       GRAVELLY SAND: Yellowish red (SYR 4/6), loose to medium grained sand, 10% subgray and to	Depth (ft bgs)	Symbol		Lithologic Description	<b>1</b>		nscs	PID (ppm)	Sample ID	Recovery	Comments				
6       GRAVELLY SAND: Brown (10YR 4/3), loose, angular to suborounded, fine to coarse grained sand, angular to subangular, fine to coarse grained gravel, low plastic fines, dry to moist       0.1       SB-1- 6-5       at 5' bgs.         8       III SANDY SILT: Very dark brown (10YR 3/2), firm, medium to high plasticity, 70% silt, 30% fine grained sand, dry       ML       ML       SB-1- 6-5         10       SANDY SILT: Bluish gray (GLEY2 5/1 5B), soft to firm, medium plasticity, fine to coarse sand, minor angular to subangular gravel up to 0.5" in diameter       323       SB-1- 10-10.5         12       SANDY SILT: Yellowish brown (10YR 6/8), with some bluish gray motting (GLEY2 5/1 5B), firm, low plasticity, 60% silt, 40% fine to medium grained sand, moist       SM       SB-1- 10-10.5         14       SANDY SILT: Yellowish brown (10YR 6/8), loose, 30% silt, 60% fine to medium grained sand, noist       SM       SB-1- 10-10.5         16       GRAVELLY SAND: Yellowish brown (10YR 6/8), loose, 30% silt, 60% fine to medium grained sand, 10% angular to subangular gravel up to 1"       SP       SN         18       GRAVELLY SAND: Yellowish red (5YR 4/6), loose to medium dense, 5% silt, 75% fine to medium grained sand, 10% subangular to subangular to subangular, fine to coarse grained gravel up to 0.25" in diameter, moist       SW       1.1       SB-1- 18.5-19       End of boring at bgs. Set 2" PVC well to collect well to colle			CLAYE 75% si	Y SILT: Black (2.5Y 2.5/1), firm, medium lt, <5% fine grained sand, dry			ML				bgs.				
10       plasticity, 70% silt, 30% fine grained sand, dry       Groundwater         10       SANDY SILT: Bluish gray (GLEY2 5/1 5B), soft to firm, medium plasticity, fine to coarse sand, minor angular to subangular gravel up to 0.5" in diameter       323       SB-1-10-10.5         12       SANDY SILT: Yellowish brown (10YR 6/8), with some bluish gray motting (GLEY2 5/1 5B), firm, low plasticity, 60% silt, 40% fine to medium grained sand, moist       SM/       SB-1-10-10.5         14       SANDY SILT: Yellowish brown (10YR 6/8), loose, 30% silt, 60% fine to medium grained sand, noist       SM/       SB-1-10-10.5         16       SILTY SAND: Yellowish brown (10YR 6/8), loose, 30% silt, 60% fine to medium grained sand, 10% angular to subangular gravel up to 1"       SP       1.8       SB-1-15.5-16         18       GRAVELLY SAND: Fine to medium grained sand with angular to subangular gravel up to 0.25" in diameter       SW       1.1       SB-1-15.5-16         20       GRAVELLY SAND: Yellowish red (5YR 4/6), loose to medium grained sand, 10% subangular to subonunded, fine to coarse grained gravel up to 0.25" in diameter, moist       SW       1.1       SB-1-18.5-19       End of boring at bgs. Set 2" PVC well to collect groundwater bgs. Set 2" PVC well to collect groundwater bgs. Set 2" PVC         20       Fine to coarse grained gravel, moist       1.1       SB-1-18.5-19       End of boring at bgs. Set 2" PVC well to collect groundwater bgs. Set 2" PVC	6		fine to	coarse grained sand, angular to subangu	ngular to s lar, fine to	ubrounded, coars <del>e</del>	sw	0.1			at 5' bgs.				
14       Implies the formation of			plastici SAND plastici	ty, 70% silt, 30% fine grained sand, dry / SILT: Bluish gray (GLEY2 5/1 5B), soft ty, fine to coarse sand, minor angular to s	to firm, me	dium	ML	323			Groundwater encountered at				
20 gravel up to 0.25" in diameter, moist GRAVELLY SAND: Yellowish red (5YR 4/6), loose to medium dense, 5% silt, 75% fine to medium grained sand, 15% angular to subangular, fine to coarse grained gravel, moist SW 1.1 SB-1- 18.5-19 well to collect groundwater	- 16		mottlin mediur SILTY mediur diamet GRAVI subang SAND:	g (GLEY2 5/1 5B), firm, lòw plasticity, 609 n grained sand, moist SAND: Yellowish brown (10YR 6/8), loos n grained sand, 10% angular to subangul er ELLY SAND: Fine to medium grained sar gular gravel up to 1" diameter Yellowish red (5YR 4/6). loose, 10% silt,	% silt, 40% e, 30% silt ar gravel u d with ang 80% fine	, fine tó , 60% fine to up to 1" ular to	SP SW	1.8							
	- 20		GRAVI 5% silt	up to 0.25" in diameter, moist ELLY SAND: Yellowish red (5YR 4/6), loc , 75% fine to medium grained sand, 15%	se to med	ium dense.	sw	1.1							



# **TRS** 1333 Broadway, Suite 800

Borehole ID:	SB-3	16	
Total Depth-	Mitoot bas	1-	

**DOMINO** 

UI		Oakland, California 946 <sup>-</sup>	12	Total Depti			$\overline{}$	//	1 pt
PROJECT INFORMATION		DRILLING INFORMATION							
Project: Celis	Alliar	ace-Emeryville	Drilling	Company: Re	sonant	Sonic	:		
Site Location	San F	ablo Ave. and 40th St., Emeryville, CA	Driller:	Ethan, Jorge, Pl	hillipe				
Project Mana	ger: (	George Muehleck	Туре о	f Drilling Rig: P	ower I	Probe	5400		
RG: Leonard N	iles		Drilling	Method: Direc	t Push				
Seologist: Re	nee M	cFarlan	Sampli	ng Method: Du	al-Tub	e ace	tate sleev	e	
ob Number:	26814	847.02000	Date(s)	Drilled: 2/07/0	6				
		BORING IN	FORMA	TION					
Groundwater	Dept	n: 9.5 feet bgs	Boring	Location: In cro	ss-wal	k on S	SWcorner	r of 40	th St. and San Pable
Air Knife or H	and A	Auger Depth: 5.0 feet	Boring	Diameter: 2"					
Coordinates:	Х	Ŷ	Boring	Type: Explorate	ory				
Depth (ft bgs)	Symbol	Lithologic Descriptior	1		nscs	PID (ppm)	Sample ID	Recovery	Comments
2 4		ASPHALT SANDY GRAVEL: Very hard, 80% angular, med 15% medium grained sands, 5% fines	-		GP				Hand augered and water knifed to 5' bgs.
6 		CLAYEY SILT: Grayish brown (2.5Y 5/2), soft, h 70% silt, 5% fine grained sand, dry, no odor GRAVEL: Angular to subrounded, up to 1" diam gravel lense CLAYEY SILT: Dark grayish brown (2.5Y 4/2), fi clay, 65% silt, 10% fine grained sand, dry, no od	eter, fine to rm, high pl lor	o coarse/ asticity, 25%	ML GW ML	0.0	SB-3- 6-6.5		Began direct push at 5' bgs.
- 10 - 12 - 14		CLAYEY SILT: Brown (10YR 5/3), firm, high plassilt, 5% fine grained sand, dry, some fine grained organics, no odor SANDY SILT: Yellowish brown (10YR 5/4), soft, plasticity, 55% silt, 45% fine to medium grained SANDY SILT: Grayish brown (10YR 5/2), hard, 40% fine to medium grained sand, dry, no odor, CLAYEY SILT: Grayish brown (10YR 5/2) with b (GLEY2 5/1 5B), hard, medium to high plasticity 5% fine grained sand, < 5% angular to subround gravels, dry, organics, no odor	low to mee sand, mois ow plastici roots luish gray , 20% clay,	vels, dium t, no odor ty, 60% silt, mottling 70% silt,		1.0	SB-3- 11-11.5		SZ Groundwater encountered at 9.5 bgs.
- 16 - 18		color change to yellowish brown (10YR 6/8)				0.3	SB-3- 15.5-16		End of boring at 16 bgs. Set 2" PVC well to collect groundwater samples. No water in well, borehole grouted.

1333 Broadway, Suite 800 Borehole ID: SB-6 Oakland, California 94612 Total Depth: 20 feet bgs PROJECT INFORMATION DRILLING INFORMATION Project: Celis Alliance-Emervville Drilling Company: ResonantSonic Site Location: San Pablo Ave. and 40th St., Emervville Driller: Ethan, Jorge, Phillipe Project Manager: George Muehleck Type of Drilling Rig: Power Probe 5400 RG: Leonard Niles Drilling Method: Direct Push Geologist: Renee McFarlan Sampling Method: Dual-Tube acetate sleeve Job Number: 26814847.02000 Date(s) Drilled: 2/07/06 BORING INFORMATION Groundwater Depth: Boring Location: 1111 40th St., in front of Casual Male Big & Tall Air Knife or Hand Auger Depth: 5.0 feet **Boring Diameter: 2"** Coordinates: Y Y Boring Type: Exploratory Depth (ft bgs) ≙ (mqq) Recovery uscs Symbol Sample Lithologic Description Comments П 0 Hand augered and water knifed to 5' ASPHALT GP SANDY GRAVEL: Very hard, 80% angular, medium grained gravel, bgs.  $\Diamond$ 15% medium grained sand, 5% fines, dry 2 4 SANDY SILT: Black (2.5Y 2.5/1), hard, high plasticity, 80% silt, 20% ML Began direct push at 5' bgs. fine to coarse grained sand, minor fine grained gravel, dry, no odor 6 SB-6-5.5-6 0.4 Same as above except soft, 80% silt, 20% very fine to fine grained sand, no gravel, damp, rootlets 8 CLAYEY SILT: Very dark gray (2.5Y 3/1), firm, high plasticity, 15% clay, 75% silt, 10% fine to coarse grained sand and gravels, dry, roots, gravel content increases until approx. 10 bgs 10 Same as above except 30% clay, 65% silt, 5% very fine to fine grained sand Color change to dark greenish gray (GLEY2 3/1 10G) Color change to black (10 YR 2/1) 0.4 SB-6-12 11.5-12 SILTY CLAY: Black (10YR 2/1), very hard to hard, high plasticity, 70% CL clay, 30% silt, dry, no odor 14 Color change to very dark grayish brown (10YR 3/2), increase angular to subangular grains of coarse sand and fine gravel, some chert gravel 0.2 SB-6-16 SANDY SILT: Greenish gray (GLEY2 5/1), hard, medium to high plasticity, 60% silt, 40% very fine to fine sand, dry to damp, no odor 15.5-16 ML GRAVELLY SILTY SAND: Greenish gray (GLEY2 5/1), loose, 50% silt, 35% fine to coarse grained sand, 15% subangular, fine to coarse grained gravel, medium plastic fines, dry to damp, no odor, roots SM 18 SANDY SILT: Yellowish brown (10YR 6/8), hard, medium to high plasticity, 70% silt, 30% fine to coarse grained sand, minor subangular fine grained gravels, dry, no odor ML | | SB-6-0.3 20 19.5-20 End of boring at 20' bgs. 22

Appendix C

Laboratory Analytical Reports And Chain Of Custody Documents

#### **Data Evaluation Checklist**

# Project ID: 720-1932-1

Project # 26814847.02000

QA/QC QUESTIONS	YES	NO	NA	Comments	Flags
1. Were holding times met?	-				
2. Were the sample preservation requirements met?	~				
3. Was the method blank analyzed with each batch?	~				
4. Were target analytes reported in the method blank above the RL?					
5. Were target analytes reported in trip blank or equipment blank samples above the RL?		-			
6. Was a field duplicate analyzed? Were RPDs within project specifications?			_		
7. Was an LCS analyzed with each batch?	-				
8. Were LCS recoveries within project specifications?	1	-			
9. Was an MS/MSD pair analyzed with each batch?		i		· · · · · · · · · · · · · · · · · · ·	
10. Were MS/MSD recoveries within project specifications?	-				
11. Were BS recoveries within project specifications?				· · · · · · · · · · · · · · · · · · ·	
12. Were surrogate recoveries within project specifications?	~				
13. Were initial calibration and continuing calibration samples within project specifications?	~				
14. Were laboratory comments in the report? If yes, summarize contents.		<u> </u>			•

RL = Reporting Limit BS = Blank Spike LCS = Laboratory Control Spike MS/MSD = Matrix Spike/Matrix Spike Duplicate RPD = Relative Percent Difference

Name of Reviewer: Renee McFarlan Signature of QA/QC Reviewer: Reviewer: North Marlan Date of Review: 2/88/06

# **ANALYTICAL REPORT**

Job Number: 720-1932-1

Job Description: Celis

For:

URS Corporation 1333 Broadway Suite 800 Oakland, CA 94612

Attention: Mr. Leonard Niles



Afsaneh Salimpour Project Manager I asalimpour@stl-inc.com 02/27/2006

Severn Trent Laboratories, Inc. STL San Francisco 1220 Quarry Lane, Pleasanton, CA 94566 Tel 925-484-1919 Fax 925-484-1096 www.stl-inc.com

#### METHOD SUMMARY

#### Client: URS Corporation

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260E	}
Purge and Trap for Solids	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Gasolin Range Organics)	e STL-SF	SW846 8015E	3
Purge and Trap for Solids	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	3
Ultrasonic Extraction	STL-SF		SW846 3550B
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260E	}
Purge-and-Trap	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Gasolin Range Organics)	e STL-SF	SW846 8015E	3
Purge-and-Trap	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015E	3
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C

#### LAB REFERENCES:

STL-SF = STL-San Francisco

#### **METHOD REFERENCES:**

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## METHOD / ANALYST SUMMARY

## Client: URS Corporation

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Method	Analyst	Analyst ID
SW846 8260B	Chen, Amy	AC
SW846 8015B	Relja, Marlene	MR
SW846 8015B	Sidhu, Herminder	HS
SW846 8015B	Ho, Sonia	SO
SW846 8015B	Le, Lien	LL

## SAMPLE SUMMARY

## Client: URS Corporation

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-1932-1	SB-1 6-6.5'	Solid	02/06/2006 1410	02/07/2006 1755
720-1932-2	SB-1 10-10.5	Solid	02/06/2006 1420	02/07/2006 1755
720-1932-3	SB-1 15.5-16'	Solid	02/06/2006 1425	02/07/2006 1755
720-1932-4	SB-1 18.5-19'	Solid	02/06/2006 1430	02/07/2006 1755
720-1932-5	SB-1 15-20'	Water	02/06/2006 1450	02/07/2006 1755

## Client: URS Corporation

Client Sample ID:	SB-1 6-6.	5'			
Lab Sample ID:	720-1932	-1		Date Sar	mpled: 02/06/2006 1410
Client Matrix:	Solid			Date Rec	ceived: 02/07/2006 1755
		8260B Volatile Orga	nic Compounds by	y GC/MS	
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8260B 5030B 1.0 02/20/2006 02/20/2006	1219	s Batch: 720-5941	Instrument ID Lab File ID: Initial Weight/ Final Weight/	c:\varianws\data\200602\02 Volume: 5.01 g
Analyte		DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Benzene		***************************************	ND		5.0
Ethylbenzene			ND		5.0
VITBE			ND		5.0
Toluene			ND		5.0
Xylenes, Total			ND		10
Surrogate			%Rec		Acceptance Limits
			<u>^</u>		70 - 130
Toluene-d8			98		70 - 130

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Client: URS Corporation

Client Sample ID:	SB-1 10-10.5			
Lab Sample ID:	720-1932-2		Date Sa	ampled: 02/06/2006 1420
Client Matrix:	Solid		Date Re	eceived: 02/07/2006 1755
	8260B	Volatile Organic Compounds	by GC/MS	
Method:	8260B	Analysis Batch: 720-5941	Instrument I Lab File ID:	
Preparation: Dilution:	5030B 1.0		Initial Weigh	•••••••••••••••••••••••••••••••••••••••
	02/20/2006 1243		Final Weigh	
Date Analyzed: Date Prepared:	02/20/2006 1243		Final weigh	ovolume. To me
Analyte	DrvWt	Corrected: N Result (ug/Kg)	Qualifier	RL
Benzene		ND	AT	5.0
Ethylbenzene		ND		5.0
MTBE		ND		5.0
Toluene		ND		5.0
Xylenes, Total		ND		9.9
Surrogate		%Rec		Acceptance Limits
Toluene-d8	ar i na 1927 - 1927 - 1927 - 1927 - 1927 - 1927 - 1927 - 1927 - 1927 - 1927 - 1927 - 1927 - 1927 - 1927 - 1927	97		70 - 130
1.2-Dichloroethane	-d4	110		60 - 140

Client: URS Corporation

Client Sample ID:	SB-1 15.5	-16'			
Lab Sample ID:	720-1932-	3		Date Sampl	ed: 02/06/2006 1425
Client Matrix:	Solid			Date Receiv	/ed: 02/07/2006 1755
		8260B Volatile Orga	nic Compounds by	/ GC/MS	
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8260B 5030B 1.0 02/20/2006 1 02/20/2006 1	1306	s Batch: 720-5941	Instrument ID: Lab File ID: Initial Weight/Vo Final Weight/Vol	-
Analyte		DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Benzene			ND	,, , , , , , , , , , , , , , , , , , ,	5.0
Ethylbenzene			ND		5.0
MTBE			ND		5.0
Toluene			ND		5.0
Xylenes, Total			ND		9.9
Surrogate			%Rec	Ac	ceptance Limits
Toluene-d8		₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	101	7	0 - 130
1,2-Dichloroethane			112	-	0 - 140

Client: URS Corporation

Client Sample ID:	SB-1 18.	5-19'			
Lab Sample ID: Client Matrix:	720-1932 Solid	2-4		Date Sample Date Receive	
		8260B Volatile Orga	nic Compounds by	GC/MS	
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8260B 5030B 1.0 02/20/2006 02/20/2006	1416	s Batch: 720-5941	Instrument ID: Lab File ID: Initial Weight/Volu Final Weight/Volu	-
Analyte		DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Benzene		a a mar ga dana da	ND		5.0
Ethylbenzene			ND		5.0
MTBE			ND		5.0
Toluene Xylenes, Total			ND ND		5.0 9.9
Surrogate			%Rec	Acc	eptance Limits
Toluene-d8			101		- 130
1,2-Dichloroethan	e-d4		112	60	- 140

Client: URS Corporation

Job Number: 720-1932-1

# Client Sample ID: SB-1 6-6.5'

Lab Sample ID: Client Matrix:	720-1932-1 Solid			Date Sampled: Date Received:	02/06/2006 1410 02/07/2006 1755
801	15B Nonhalogenated	l Organics using	g GC/FID -Modified	(Gasoline Range Organics)	
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 5030B 1.0 02/15/2006 1303 02/15/2006 1303	Analysi	s Batch: 720-5628	Lab File ID: N/ Initial Weight/Volum Final Weight/Volume Injection Volume:	e: 5.10 g
Analyte	Dry	Wt Corrected: N	Result (mg/Kg)	Qualifier	RL
Gasoline Range (	Organics (GRO)-C5-C	12	ND		0.98
Surrogate			%Rec	Accep	tance Limits
4-Bromofluorober	nzene		67	58 - 1	124

## Client: URS Corporation

Job Number: 720-1932-1

Client Sample ID: SB-1 10-10.5	Client Sample ID:	SB-1 10-10.5
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Lab Sample ID: Client Matrix:	720-1932-2 Solid	2		Date Sampled: Date Received:	02/06/2006 1420 02/07/2006 1755
801	15B Nonhalogei	nated Organics using	g GC/FID -Modified	(Gasoline Range Organics)	
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 5030B 1.0 02/15/2006 1/ 02/15/2006 1/	423	s Batch: 720-5628	Lab File ID: N/ Initial Weight/Volume Final Weight/Volume Injection Volume:	e: 5.10 g
Analyte		DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Gasoline Range C	Organics (GRO)-	C5-C12	ND		0.98
Surrogate			%Rec	Accept	ance Limits
4-Bromofluorobenzene 89 58 - 124			24		

Client: URS Corporation

Job Number: 720-1932-1

58 - 124

Client Sample ID:	SB-1 15.5-16'

Lab Sample ID: Client Matrix:	720-1932-: Solid	3		Date Sampleo Date Receive	
80'	15B Nonhaloge	nated Organics using	g GC/FID -Modified	(Gasoline Range Organics	)
Method:	8015B	Analysis	s Batch: 720-5628	Instrument ID:	GC 5
Preparation:	5030B			Lab File ID:	N/A
Dilution:	1.0	1		Initial Weight/Volu	me: 5.09 g
Date Analyzed:	02/15/2006 1	450		Final Weight/Volur	ne: 10 mL
Date Prepared:	02/15/2006 1	450		Injection Volume:	
				Column ID:	PRIMARY
Analyte		DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Gasoline Range (	Organics (GRO)-	-C5-C12	ND	nden som en	0.98
Surrogate			%Rec	Acce	eptance Limits

78

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4-Bromofluorobenzene

Client: URS Corporation

Client Sample ID:	SB-1 18.5-19'				
Lab Sample ID:	720-1932-4			Date Sample	
Client Matrix:	Solid			Date Receiv	ed: 02/07/2006 1755
8015	B Nonhalogenated Org	janics using	g GC/FID -Modified	(Gasoline Range Organic	s)
Method:	8015B	Analysi	s Batch: 720-5628	Instrument ID:	GC 5
Preparation:	5030B			Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Vol	ume: 5.04 g
Date Analyzed:	02/15/2006 1517			Final Weight/Volu	ume: 10 mL
Date Prepared:	02/15/2006 1517			Injection Volume:	:
				Column ID:	PRIMARY
Analyte	DryWt C	orrected: N	Result (mg/Kg)	Qualifier	RL
Gasoline Range Or	ganics (GRO)-C5-C12		ND		0.99
Surrogate			%Rec	Acc	ceptance Limits
4-Bromofluorobenz	rene	67 58 - 124		3 - 124	

Client: URS Corporation

Client Sample ID:	SB-1 6-6.5'			
Lab Sample ID:	720-1932-1			Date Sampled: 02/06/2006 1410
Client Matrix:	Solid			Date Received: 02/07/2006 1755
80 <sup>,</sup>	15B Nonhalogenated C	rganics usi	ng GC/FID -Modified	d (Diesel Range Organics)
Method:	8015B	Analysi	is Batch: 720-5479	Instrument ID: HP DR05
Preparation:	3550B	Prep Ba	atch: 720-5449	Lab File ID: N/A
Dilution:	1.0			Initial Weight/Volume: 30.25 g
Date Analyzed:	02/11/2006 1837			Final Weight/Volume: 5 mL
Date Prepared:	02/10/2006 1311			Injection Volume:
				Column ID: PRIMARY
Analyte	DryWt C	orrected: N	Result (mg/Kg)	Qualifier RL
Diesel Range Orga	nics [C10-C28]		ND	0.99
Mineral Spirit Rang	e Organics [C9-C13]		ND	0.99
Surrogate			%Rec	Acceptance Limits
o-Terphenyl			90	60 - 130

Client: URS Corporation

Client Sample ID:	SB-1 10-10.5
enerie earripie int	

Lab Sample ID: Client Matrix:	720-1932-2 Solid			Date Sampled: 02/06/2006 1420 Date Received: 02/07/2006 1755
8	015B Nonhalogenated Or	ganics using G	C/FID -Modified	d (Diesel Range Organics)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 3550B 1.0 02/11/2006 1904 02/10/2006 1311	Analysis Ba Prep Batch:	tch: 720-5479 720-5449	Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 30.37 g Final Weight/Volume: 5 mL Injection Volume: Column ID: PRIMARY
Analyte	DryWt Co	rrected: N Re	sult (mg/Kg)	Qualifier RL
Diesel Range Org Mineral Spirit Ran	anics [C10-C28] nge Organics [C9-C13]		.1 .2	0.99 0.99
Surrogate o-Terphenyl		%F 9	Rec 2	Acceptance Limits 60 - 130

#### Client: URS Corporation

Client Sample ID:	SB-1 15.5-16'

Lab Sample ID:	720-1932-3		Date Sampled: 02/06/2006 1425
Client Matrix:	Solid		Date Received: 02/07/2006 1755
- 8	015B Nonhalogenated Or	ganics using GC/FID -Modified	l (Diesel Range Organics)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 3550B 1.0 02/11/2006 1932 02/10/2006 1311	Analysis Batch: 720-5479 Prep Batch: 720-5449	Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 30.26 g Final Weight/Volume: 5 mL Injection Volume: Column ID: PRIMARY
Analyte	DryWt Co	rrected: N Result (mg/Kg)	Qualifier RL
Diesel Range Org	anics [C10-C28]	ND	0.99
Mineral Spirit Ran	ge Organics [C9-C13]	ND	0.99
Surrogate		%Rec	Acceptance Limits
o-Terphenyl		91	60 - 130

Client: URS Corporation

Client Sample ID:	SB-1 18.5-19'
Lab Comple ID:	700 4022 4

Lab Sample ID: Client Matrix:	720-1932-4 Solid			Date Sampl Date Receiv	
80	)15B Nonhalogenated O	ganics usi	ng GC/FID -Modified	d (Diesel Range Organics	3)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 3550B 1.0 02/11/2006 1959 02/10/2006 1311	•	s Batch: 720-5479 atch: 720-5449	Instrument ID: Lab File ID: Initial Weight/Vo Final Weight/Vol Injection Volume Column ID:	ume: 5 mL
Analyte	DryWt Co	orrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Org Mineral Spirit Ran	anics [C10-C28] ge Organics [C9-C13]		ND ND		0.99 0.99
Surrogate o-Terphenyl	۲۰۰۳ ۹۰۵۲۰ M (۹۰۰۰ ۵۰۰۰ ۹۰۰۰ ۹۶ MPA) BINA BINA BINA BINA BINA BINA BINA BINA	T BANK BANKAR ANN AN ANN AN AN AN AN AN AN AN AN AN A	%Rec 86	nint Million Sciences and a finite second construction of the California American Sciences and states are a	ceptance Limits 0 - 130

## Client: URS Corporation

Client Sample ID:	: SB-1 15-20'			
Lab Sample ID:	720-1932-5		Date Samp	led: 02/06/2006 1450
Client Matrix:	Water		Date Recei	ved: 02/07/2006 1755
	8260B	Volatile Organic Compounds by	GC/MS	
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8260B 5030B 1.0 02/18/2006 0308 02/18/2006 0308	Anałysis Batch: 720-5790	Instrument ID: Lab File ID: Initial Weight/Vo Final Weight/Vo	
Analyte		Result (ug/L)	Qualifier	RL
Benzene		ND		0.50
Ethylbenzene		ND		0.50
MTBE		5.2		0.50
Toluene		ND		0.50
Xylenes, Total		ND		1.0
Surrogate		%Rec	Ac	cceptance Limits
Toluene-d8		97	77 - 121	
1,2-Dichloroethane	e-d4	98	73 - 130	

## Client: URS Corporation

Job Number: 720-1932-1

50 - 150

Client	Sample	ID:	SB-1	15-20'

Lab Sample ID: Client Matrix:	720-1932-5 Water		Date Sampled: 02/06/2006 1450 Date Received: 02/07/2006 1755
80*	I5B Nonhalogenated Orga	anics using GC/FID -Modified	(Gasoline Range Organics)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 5030B 1.0 02/13/2006 2008 02/13/2006 2008	Analysis Batch: 720-5532	Instrument ID: PID/FID Gas/Btex Lab File ID: N/A Initial Weight/Volume: 10 mL Final Weight/Volume: 10 mL Injection Volume: Column ID: PRIMARY
Analyte		Result (ug/L)	Qualifier RL
Gasoline Range (	Organics (GRO)-C5-C12	220	50
Surrogate		%Rec	Acceptance Limits

180

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4-Bromofluorobenzene

Client: URS Corporation

o-Terphenyl

#### Job Number: 720-1932-1

60 - 130

#### Client Sample ID: SB-1 15-20'

Lab Sample ID: Client Matrix:	720-1932-5 Water		Date Sampled: 02/06/2006 1450 Date Received: 02/07/2006 1755
8	015B Nonhalogenated O	rganics using GC/FID -Modifie	d (Diesel Range Organics)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 3510C 1.0 02/13/2006 1900 02/09/2006 0834	Analysis Batch: 720-5543 Prep Batch: 720-5378	Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 250 mL Final Weight/Volume: 1 mL Injection Volume: Column ID: PRIMARY
Analyte		Result (ug/L)	Qualifier RL
Diesel Range Org Mineral Spirit Ran	anics [C10-C28] ige Organics [C9-C13]	310 110	50 50
Surrogate		%Rec	Acceptance Limits

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# DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 720-1932-1

Lab Section	Qualifier	Description
GC VOA		
	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

.

Job Number: 720-1932-1

#### Client: URS Corporation

#### Method Blank - Batch: 720-5790

Lab Sample ID:MB 720-5790/7Client Matrix:WaterDilution:1.0Date Analyzed:02/17/2006Date Prepared:02/17/20062004

Analysis Batch: 720-5790 Prep Batch: N/A Units: ug/L

#### Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900C Lab File ID: c:\saturnws\data\200602\02 Initial Weight/Volume: 10 mL Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8	98	77 - 121	n m na - una anna ann an ann an 1979 ag bhaile ann an Air ann an Air ann an Air ann an Air ann ann ann ann ann
1,2-Dichloroethane-d4	95	73 - 130	

#### Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 720-5790

02/17/2006 1940

02/17/2006 1940

#### Method: 8260B Preparation: 5030B

Final Weight/Volume: 10 mL

LCS Lab Sample II Client Matrix: Dilution: Date Analyzed: Date Prepared:	D: LCS 720-5790/6 Water 1.0 02/17/2006 1915 02/17/2006 1915	Analysis Batch: 720-5790 Prep Batch: N/A Units: ug/L	Instrument ID: Varian 3900C Lab File ID: c:\saturnws\data\200602\02 Initial Weight/Volume: 10 mL Final Weight/Volume: 10 mL
LCSD Lab Sample	ID: LCSD 720-5790/5	Analysis Batch: 720-5790	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200602\021
Dilution:	1.0	Units:ug/L	Initial Weight/Volume: 10 mL

	<u>%</u>	Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	90	90	69 - 129	0	25		
MTBE	88	90	65 - 165	2	25		
Toluene	88	91	70 - 130	4	25		
Surrogate	L	CS % Rec	LCSD %	Rec	Acce	ptance Limits	
Toluene-d8	99	9	99		7	7 - 121	
1,2-Dichloroethane-d4	9	6	94		7	'3 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Date Analyzed:

Date Prepared.

Job Number: 720-1932-1

#### Client: URS Corporation

#### Method Blank - Batch: 720-5941

Lab Sample ID:MB 720-5941/14Client Matrix:SolidDilution:1.0Date Analyzed:02/20/2006 1145Date Prepared:02/20/2006 1145

Analysis Batch: 720-5941 Prep Batch: N/A Units: ug/Kg

#### Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\02 Initial Weight/Volume: 5 g Final Weight/Volume: 10 mL

Analyte	Result	Qual RL	
Benzene	ND	5.0	****
Ethylbenzene	ND	5.0	
MTBE	ND	5.0	
Toluene	ND	5.0	
Xylenes, Total	ND	10	
Surrogate	% Rec	Acceptance Limits	
Toluene-d8	99	70 - 130	
1,2-Dichloroethane-d4	106	60 - 140	

#### Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 720-5941

#### Method: 8260B Preparation: 5030B

LCS Lab Sample II Client Matrix: Dilution: Date Analyzed: Date Prepared:	D: LCS 720-5941/16 Solid 1.0 02/20/2006 1059 02/20/2006 1059	Analysis Batch: 720-5941 Prep Batch: N/A Units: ug/Kg	Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\02 Initial Weight/Volume: 5 g Final Weight/Volume: 10 mL
LCSD Lab Sample Client Matrix:	ID: LCSD 720-5941/15 Solid	Analysis Batch: 720-5941 Prep Batch: N/A	Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\022
Dilution:	1.0	Units: ug/Kg	Initial Weight/Volume: 5 g
Date Analyzed:	02/20/2006 1122		Final Weight/Volume: 10 mL
Date Prepared:	02/20/2006 1122		-

	2	<u>6 Rec.</u>					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	87	92	69 - 129	6	20	. <b></b>	
MTBE	85	87	65 - 165	2	20		
Toluene	82	88	70 - 130	7	20		
Surrogate	L	CS % Rec	LCSD %	Rec	Acce	otance Limits	•
Toluene-d8	1	01	100		7	0 - 130	
1,2-Dichloroethane-d4	1	10	109		e	i0 - 140	

Job Number: 720-1932-1

#### Client: URS Corporation

#### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 720-5941

#### Method: 8260B Preparation: 5030B

MS Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1932-3 Solid 1.0 02/20/2006 1329 02/20/2006 1329	Analysis Batch: Prep Batch: N/A	720-5941	Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\( Initial Weight/Volume: 5.47 g Final Weight/Volume: 10 mL
MSD Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1932-3 Solid 1.0 02/20/2006 1352 02/20/2006 1352	Analysis Batch: Prep Batch: N/A	720-5941	Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\02 Initial Weight/Volume: 5.47 g Final Weight/Volume: 10 mL

	<u>%</u>	Rec.				
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual MSD Qual
Benzene	100	99	69 - 129	1	20	
MTBE	99	106	65 - 165	6	20	
Toluene	94	93	70 - 130	0	20	
Surrogate		MS % Rec	MSD %	6 Rec	Acce	ptance Limits
Toluene-d8		100	101		70	) - 130
1,2-Dichloroethane-d4		107	112		60	0 - 140

Method: 8015B

Client: URS Corporation

Method Blank - Batch: 720-5532

Job Number: 720-1932-1

			Preparation	: 5030B			
Lab Sample ID:MB 720-5532/1Client Matrix:WaterDilution:1.0Date Analyzed:02/13/2006Date Prepared:02/13/2006	Analysis Batch: 72 Prep Batch: N/A Units: ug/L	0-5532	Lab File ID: Initial Weight/	PID/FID Gas/Btex N/A Volume: 10 mL /olume: 10 mL me: PRIMARY			
Analyte	Result	Qual		RL			
Gasoline Range Organics (GRO)-C5-C12	ND			50			
Surrogate	% Rec		Acceptance Limits				
4-Bromofluorobenzene	110		50 - 150				
Laboratory Control Sample - Batch: 7	20-5532		Method: 80 <sup>-</sup> Preparation				
Lab Sample ID:LCS 720-5532/2Client Matrix:WaterDilution:1.0Date Analyzed:02/13/2006 1147Date Prepared:02/13/2006 1147	Analysis Batch: 72 Prep Batch: N/A Units:ug/L	0-5532	Lab File ID: Initial Weight/	PID/FID Gas/Btex N/A Volume: 10 mL /olume: 10 mL me: PRIMARY			
Analyte	Spike Amount	Result %	Rec. Li	mit Qual			
Gasoline Range Organics (GRO)-C5-C12	250 2	80 <b>1</b> 1	0 75	5 - 125			
Surrogate	% Rec		Acceptance Limits				
4-Bromofluorobenzene	105	<u></u>	50 - 150				

Method: 8015B

Preparation: 5030B

Job Number: 720-1932-1

#### Client: URS Corporation

#### Matrix Spike/

## Matrix Spike Duplicate Recovery Report - Batch: 720-5532

4-Bromofluorobenzer	e		105	96		50	0 - 150
Surrogate	ana ya kumatani kwatuki yangi kuma kuma kuma kuma kuma kuma kuma kuma		MS % Rec	MSD 9	6 Rec	Acce	ptance Limits
Gasoline Range Orga	anics (GRO)-C5-C12	108	90	65 - 135	17	20	
Analyte		<u>%</u> MS	Rec. MSD	Limit	RPD	RPD Limit	MS Qual MSD Qual
MSD Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1952-B-1 MSD Water 1.0 02/13/2006 1745 02/13/2006 1745	-	vsis Batch: 7 Batch: N/A	720-5532	La In Fi In	strument ID: Pl ab File ID: N. itial Weight/Vol nal Weight/Volu jection Volume olumn ID:	ume: 10 mL ume: 10 mL
MS Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1952-B-1 MS Water 1.0 02/13/2006 1709 02/13/2006 1709		/sis Batch: 7 Batch: N/A	/20-5532	La In Fi In		ume: 10 mL

Job Number: 720-1932-1

## Client: URS Corporation

Method Blank - Batch: 720-5628		Method: 8015B Preparation: 5030B
Lab Sample ID:MB 720-5628/1Client Matrix:SolidDilution:1.0Date Analyzed:02/15/2006Date Prepared:02/15/2006	Analysis Batch: 720-5628 Prep Batch: N/A Units: mg/Kg	Instrument ID: GC 5 Lab File ID: N/A Initial Weight/Volume: 5.00 g Final Weight/Volume: 10 mL Injection Volume: Column ID: PRIMARY
Analyte	Result	Qual RL
Gasoline Range Organics (GRO)-C5-C12	ND	1.0
Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	77	58 - 124
Laboratory Control Sample - Batch: 7	20-5628	Method: 8015B Preparation: 5030B
Lab Sample ID:LCS 720-5628/2Client Matrix:SolidDilution:1.0Date Analyzed:02/15/2006Date Prepared:02/15/2006	Analysis Batch: 720-5628 Prep Batch: N/A Units:mg/Kg	Instrument ID: GC 5 Lab File ID: N/A Initial Weight/Volume: 5.00 g Final Weight/Volume: 10 mL Injection Volume: Column ID: PRIMARY
Analyte	Spike Amount Result	% Rec. Limit Qual
Gasoline Range Organics (GRO)-C5-C12	0.500 ND	94 75 - 125
Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	78	58 - 124

Method: 8015B

Preparation: 5030B

Client: URS Corporation

Job Number: 720-1932-1

### Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 720-5628

MS Lab Sample ID:	720-1932-1	Anal	ysis Batch: 7	720-5628	Ir	strument ID:	GC 5	
Client Matrix:	Solid	Prep	Batch: N/A		L	ab File ID: I	N/A	
Dilution:	1.0				Ir	itial Weight/Vol	ume: 5.00 ·	g
Date Analyzed:	02/15/2006 1330				F	inal Weight/Volu	ume: 10 m	Ĺ
Date Prepared:	02/15/2006 1330				Ir	jection Volume:	:	
					С	olumn ID:	PRIMARY	
MSD Lab Sample ID:	720-1932-1	Anal	ysis Batch: 7	720-5628	Ir	strument ID: G	C 5	
Client Matrix:	Solid	Prep	Batch: N/A		L	ab File ID: N	/A	
Dilution:	1.0				lr	itial Weight/Vol	ume: 5.00 g	
Date Analyzed:	02/15/2006 1357				F	inal Weight/Volu	ume: 10 mL	
Date Prepared:	02/15/2006 1357			20 C	lr Ir	jection Volume:	:	
		100 - 100 -			С	olumn ID:	PRIMARY	
		%	Rec.					
Analyte		MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Gasoline Range Orga	anics (GRO)-C5-C12	88	86	65 - 135	NC	35		
Surrogate			MS % Rec	MSD MSD	% Rec	Acce	ptance Limits	
4-Bromofluorobenzer	le		72	70		58	3 - 124	

60 - 130

Job Number: 720-1932-1

Method Blank	- Batch: 720-5378					Method: 8015B Preparation: 3510C
Client Matrix: Dilution: Date Analyzed:	MB 720-5378/1-A Water 1.0 02/13/2006 1832 02/09/2006 0834		is Batch: 720 atch: 720-53 ug/L			Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 250 mL Final Weight/Volume: 1 mL Injection Volume: Column ID: PRIMARY
Analyte			Result		Qual	RL
	ganics [C10-C28] nge Organics [C9-C13]		ND ND			50 50
Surrogate			% Rec			Acceptance Limits
o-Terphenyl			94			60 - 130
Laboratory Co Laboratory Co	ontrol/ ontrol Duplicate Recover	y Repor	t - Batch: 7	20-5378		Method: 8015B Preparation: 3510C
LCS Lab Sample Client Matrix: Dilution: Date Analyzed: Date Prepared:	e ID: LCS 720-5378/2-A Water 1.0 02/09/2006 1738 02/09/2006 0834	Prep	rsis Batch: 7/ Batch: 720-5 : ug/L			Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 250 mL Final Weight/Volume: 1 mL Injection Volume: Column ID: PRIMARY
LCSD Lab Samp Client Matrix: Dilution: Date Analyzed: Date Prepared:	ole ID: LCSD 720-5378/3-A Water 1.0 02/09/2006 1805 02/09/2006 0834	-	rsis Batch: 7: Batch: 720-5 :ug/L			Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 250 mL Final Weight/Volume: 1 mL Injection Volume: Column ID: PRIMARY
Analita		-	<u>% Rec.</u>	linait	RPI	
Analyte		LCS	LCSD	Limit		
Diesel Range Or	ganics [C10-C28]	89	97	60 - 130	) 8	30
Surrogate	un en a en ar meinte mennem a terre à dans en metre d'Année d'un débét de la gair a a a a a fanderie terre d'ad	L	CS % Rec	LCSE	% Rec	Acceptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

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o-Terphenyl

Client: URS Corporation

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Job Number: 720-1932-1

Method Blank -	Batch: 720-5449					Method: 8015B Preparation: 3550B
Lab Sample ID: M Client Matrix: So Dilution: 1. Date Analyzed: 02 Date Prepared: 02	olid 0 2/11/2006 1621	Prep B	is Batch: 720 atch: 720-54 mg/Kg			Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 30.32 g Final Weight/Volume: 5 mL Injection Volume: Column ID: PRIMARY
Analyte			Result		Qual	RL
Diesel Range Orga Mineral Spirit Rang	anics [C10-C28] ge Organics [C9-C13]		ND ND			0.99 0.99
Surrogate			% Rec			Acceptance Limits
o-Terphenyl			89			60 - 130
Laboratory Cor Laboratory Cor	ntrol/ ntrol Duplicate Recover	y Repoi	rt - Batch: 7	20-5449		Method: 8015B Preparation: 3550B
LCS Lab Sample I Client Matrix: Dilution: Date Analyzed: Date Prepared:	D: LCS 720-5449/2-A Solid 1.0 02/11/2006 0200 02/10/2006 1311	Prep	ysis Batch:  7 Batch:  720-4 ∷  mg/Kg			Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 30.23 g Final Weight/Volume: 5 mL Injection Volume: Column ID: PRIMARY
LCSD Lab Sample Client Matrix: Dilution: Date Analyzed: Date Prepared:	ID: LCSD 720-5449/3-A Solid 1.0 02/11/2006 0227 02/10/2006 1311	Prep	ysis Batch:  7 Batch:  720-4 ∷mg/Kg			Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 30.29 g Final Weight/Volume: 5 mL Injection Volume: Column ID: PRIMARY
Analyte		LCS	<u>% Rec.</u> LCSD	Limit	RP	D RPD Limit LCS Qual LCSD Qual
Diesel Range Org	anics [C10-C28]	97	97	60 - 130	1	30
Surrogate			LCS % Rec	LCSD	% Rec	Acceptance Limits
o-Terphenyl		(	93	94		60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Client: URS Corporation

Job Number: 720-1932-1

#### Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 720-5449

## Method: 8015B Preparation: 3550B

MS Lab Sample ID:	720-1932-3	Analy	vsis Batch: 7	20-5479	In	strument ID:	HP DRO5
Client Matrix:	Solid	-	Batch: 720-				N/A
Dilution:	1.0				In	itial Weight/Vol	ume: 30.14 g
Date Analyzed:	02/11/2006 0606				Fi	inal Weight/Vol	ume: 5 mL
Date Prepared:	02/10/2006 1311				In	jection Volume	:
					С	olumn ID:	PRIMARY
MSD Lab Sample ID:	720-1932-3	Analy	sis Batch: 7	20-5479	In	strument ID: H	P DRO5
Client Matrix:	Solid	Prep	Batch: 720-	5449	La	ab File ID: N	/A
Dilution:	1.0				In	itial Weight/Vol	ume: 30.36 g
Date Analyzed:	02/11/2006 0634				Fi	nal Weight/Vol	ume: 5 mL
Date Prepared:	02/10/2006 1311				In	jection Volume	:
•, •					С	olumn ID:	PRIMARY
		<u>%</u>	Rec.				
Analyte		MS	MSD	Limit	RPD	RPD Limit	MS Qual MSD Qual
Diesel Range Organi	cs [C10-C28]	94	89	60 - 130	7	30	
Surrogate			MS % Rec	MSD 9	% Rec	Acce	ptance Limits

o-Terpheny! 87 80 60 - 130

#### **Data Evaluation Checklist**

Project ID: 720-1951-1

Project-#: 26814847.02000

QA/QC QUESTIONS	YES	NO	NA	Comments	Flags
1. Were holding times met?	~				
2. Were the sample preservation requirements met?	~				
3. Was the method blank analyzed with each batch?	~				
4. Were target analytes reported in the method blank above the RL?					
5. Were target analytes reported in trip blank or equipment blank samples above the RL?		$\checkmark$			
6. Was a field duplicate analyzed? Were RPDs within project specifications?		L	~		
7. Was an LCS analyzed with each batch?	-				
8. Were LCS recoveries within project specifications?					
9. Was an MS/MSD pair analyzed with each batch?					
10. Were MS/MSD recoveries within project specifications?					
11. Were BS recoveries within project specifications?		· · · · ·			
12. Were surrogate recoveries within project specifications?	~				
13. Were initial calibration and continuing calibration samples within project specifications?	~				
14. Were laboratory comments in the report? If yes, summarize contents.		~			

RL = Reporting Limit BS = Blank Spike LCS = Laboratory Control Spike MS/MSD = Matrix Spike/Matrix Spike Duplicate RPD = Relative Percent Difference

Name of Reviewer: Renee McFarlan Signature of QA/QC Reviewer: Will lutaula Date of Review: 3/20/06

X:\X\_ENV\\_WASTE\APRIL G\QAQC FORM.XLS\12/21/2005

# ANALYTICAL REPORT

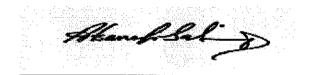
Job Number: 720-1951-1

Job Description: Celis

For:

URS Corporation 1333 Broadway Suite 800 Oakland, CA 94612

Attention: Mr. Leonard Niles



Afsaneh Salimpour Project Manager I asalimpour@stl-inc.com 03/06/2006

Severn Trent Laboratories, Inc. STL San Francisco 1220 Quarry Lane, Pleasanton, CA 94566 Tel 925-484-1919 Fax 925-484-1096 www.stl-inc.com

#### METHOD SUMMARY

#### Client: URS Corporation

Descripti	on	Lab Location	Method	Preparation Method
Matrix:	Solid			
Volatile Org	ganic Compounds by GC/MS	STL-SF	SW846 8260B	
	Purge and Trap for Solids	STL-SF		SW846 5030B
Nonhaloge Range Org	nated Organics using GC/FID -Modified (Gasoline anics)	STL-SF	SW846 8015B	
	Purge and Trap for Solids	STL-SF		SW846 5030B
Nonhaloge Range Org	nated Organics using GC/FID -Modified (Diesel anics)	STL-SF	SW846 8015B	
	Ultrasonic Extraction	STL-SF		SW846 3550B
Matrix:	Water			
Nonhaloge Range Org	nated Organics using GC/FID -Modified (Gasoline anics)	STL-SF	SW846 8015B	
	Purge-and-Trap	STL-SF		SW846 5030B

#### LAB REFERENCES:

STL-SF = STL-San Francisco

#### **METHOD REFERENCES:**

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### METHOD / ANALYST SUMMARY

#### Client: URS Corporation

Method	Analyst	Analyst ID
SW846 8260B	Chen, Amy	AC
SW846 8015B SW846 8015B	Relja, Marlene Sidhu, Herminder	MR HS
SW846 8015B	Le, Lien	LL

### SAMPLE SUMMARY

#### Client: URS Corporation

#### Job Number: 720-1951-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-1951-1	SB3-6-6.5	Solid	02/07/2006 1225	02/08/2006 1845
720-1951-2	SB3-11-11.5	Solid	02/07/2006 1230	02/08/2006 1845
720-1951-3	SB3-15.5-16	Solid	02/07/2006 1330	02/08/2006 1845
720-1951-4	SB6-5.5-6	Solid	02/07/2006 1550	02/08/2006 1845
720-1951-5	SB6-11.5-12	Solid	02/07/2006 1555	02/08/2006 1845
720-1951-6	SB6-15.5-16	Solid	02/07/2006 1600	02/08/2006 1845
720-1951-7	SB6-19.5-20	Solid	02/07/2006 1610	02/08/2006 1845
720-1951-8TB	TRIP BLANK	Water	02/07/2006 0000	02/08/2006 1845

Job Number: 720-1951-1

#### Client: URS Corporation

#### Client Sample ID: SB3-6-6.5

Lab Sample ID: Client Matrix:	720-1951 Solid	-1		Date Sam Date Rece	•
		8260B Volatile Orga	nic Compounds by	GC/MS	
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8260B 5030B 1.0 02/20/2006 02/20/2006	1439	s Batch: 720-5941	Instrument ID: Lab File ID: Initial Weight/V Final Weight/V	-
Analyte		DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL.
Benzene Ethylbenzene MTBE Toluene Xylenes, Total			ND ND ND ND ND		4.6 4.6 4.6 4.6 9.3
Surrogate			%Rec		cceptance Limits
Toluene-d8 1,2-Dichloroethan	e-d4		100 111		70 - 130 60 - 140

Job Number: 720-1951-1

#### Client: URS Corporation

#### Client Sample ID: SB3-11-11.5

Lab Sample ID: Client Matrix:	720-1951-2 Solid		Date Sampled:         02/07/2006         1230           Date Received:         02/08/2006         1845
		8260B Volatile Organic Compoun	nds by GC/MS
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8260B 5030B 1.0 02/20/2006 15 02/20/2006 15		941 Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\02 Initial Weight/Volume: 5.24 g Final Weight/Volume: 10 mL
Analyte		DryWt Corrected: N Result (ug/Kg	g) Qualifier RL
Benzene		ND	4.8
Ethylbenzene		ND	4.8
MTBE		ND	4.8
Toluene		ND	4.8
Xylenes, Total		ND	9.5
Surrogate		%Rec	Acceptance Limits
Toluene-d8		101	70 - 130
1,2-Dichloroethar	ne-d4	112	60 - 140

Job Number: 720-1951-1

#### Client: URS Corporation

#### Client Sample ID: SB3-15.5-16

Lab Sample ID: Client Matrix:	720-1951 Solid	-3			•	)2/07/2006 1330 )2/08/2006 1845
• • • • • • • • • • • • •		8260B Volatile Orga	nic Compounds by	GC/MS		
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8260B 5030B 1.0 02/20/2006 02/20/2006	1525	s Batch: 720-5941			n 3900E ianws\data\200602\02 5.27 g 10 mL
Analyte		DryWt Corrected: N	Result (ug/Kg)	Qualifier		RL
Benzene Ethylbenzene MTBE Toluene Xylenes, Total			ND ND 10 ND ND			4.7 4.7 4.7 4.7 9.5
Surrogate Toluene-d8 1,2-Dichloroethan	ie-d4	·····	%Rec 99 112		Acceptant 70 - 130 60 - 140	

#### Client: URS Corporation

Job Number: 720-1951-1

Client Sample ID:	SB6-5.5-	6			
Lab Sample ID: Client Matrix:	720-1951 Solid	-4		Date San Date Rec	•
		8260B Volatile Orga	nic Compounds by	GC/MS	
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8260B 5030B 1.0 02/20/2006 02/20/2006	1548	s Batch: 720-5941	Instrument ID: Lab File ID: Initial Weight/\ Final Weight/\	c:\varianws\data\200602\02 Volume: 5.05 g
Analyte		DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Benzene			ND	an 2019 an ann an Anna an Anna an Anna an Anna ann an Anna Anna	5.0
Ethylbenzene			ND		5.0
MTBE			ND		5.0
			112		0.0
Toluene			ND		5.0
Xylenes, Total			ND	,	5.0
Toluene Xylenes, Total Surrogate Toluene-d8			ND ND		5.0 9.9

Job Number: 720-1951-1

#### Client: URS Corporation

#### Client Sample ID: SB6-11.5-12

Lab Sample ID: Client Matrix:	720-1951-5 Solid		Date Sampled: 02/07/2006 1555 Date Received: 02/08/2006 1845
	8260	3 Volatile Organic Compounds by	GC/MS
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8260B 5030B 1.0 02/20/2006 1611 02/20/2006 1611	Analysis Batch: 720-5941	Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\02 Initial Weight/Volume: 5.37 g Final Weight/Volume: 10 mL
Analyte	DryW	t Corrected: N Result (ug/Kg)	Qualifier RL
Benzene		ND	4.7
Ethylbenzene		ND	4.7
MTBE		ND	4.7
Toluene		ND	4.7
Xylenes, Total		ND	9.3
Surrogate		%Rec	Acceptance Limits
Toluene-d8		98	70 - 130
1,2-Dichloroethan	e-d4	113	60 - 140

.

Job Number: 720-1951-1

#### Client: URS Corporation

#### Client Sample ID: SB6-15.5-16

Lab Sample ID: Client Matrix:	720-1951 Solid	-6		Date Samp Date Recei	
		8260B Volatile Orga	nic Compounds by	GC/MS	
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8260B 5030B 1.0 02/20/2006 02/20/2006	1634	s Batch: 720-5941	Instrument ID: Lab File ID: Initial Weight/Vo Final Weight/Vo	0
Analyte		DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Benzene			ND		4.9
Ethylbenzene			ND		4.9
MTBE			ND		4.9
Toluene			ND		4.9
Xylenes, Total			ND		9.8
Surrogate			%Rec	Ad	cceptance Limits
Toluene-d8			98		70 - 130
1,2-Dichloroethan	e-d4		111	(	50 - 140

Job Number: 720-1951-1

#### Client: URS Corporation

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#### Client Sample ID: SB6-19.5-20

Lab Sample ID: Client Matrix:	720-1951 Solid	-7				2/07/2006 1610 2/08/2006 1845
		8260B Volatile Orga	nic Compounds by	GC/MS		
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8260B 5030B 1.0 02/20/2006 02/20/2006	1657	s Batch: 720-5941	Instrument Lab File ID: Initial Weigl Final Weigh	c:\varia nt/Volume:	3900E anws\data\200602\02 5.06 g 10 mL
Analyte		DryWt Corrected: N	Result (ug/Kg)	Qualifier		RL
Benzene		•	ND	an a		4.9
Ethylbenzene			ND			4.9
MTBE			ND			4.9
Toluene			ND			4.9
Xylenes, Total			ND			9.9
Surrogate			%Rec		Acceptance	e Limits
Toluene-d8			99		70 - 130	аналан алан алан алан алан алан алан ал
1,2-Dichloroethane	e-d4		110		60 - 140	

Job Number: 720-1951-1

#### Client: URS Corporation

Client Sample ID: SB3-6-6.5

Lab Sample ID: Client Matrix:	720-1951-1 Solid			Date Sampled: Date Received:	02/07/2006 1225 02/08/2006 1845	
80'	15B Nonhalogenate	d Organics using	g GC/FID -Modified	(Gasoline Range Organics)		
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 5030B 1.0 02/15/2006 1543 02/15/2006 1543	Analysi	is Batch: 720-5628	Lab File ID: N/. Initial Weight/Volume Final Weight/Volume Injection Volume:	e: 5.02 g	
Analyte	Dry	Wt Corrected: N	Result (mg/Kg)	Qualifier	RL	
Gasoline Range (	Gasoline Range Organics (GRO)-C5-C12 ND 1.0			1.0		
Surrogate	%Rec Acceptance Limits			ance Limits		
4-Bromofluorober	ızene		67	58 - 124		

Job Number: 720-1951-1

58 - 124

#### Client: URS Corporation

Client Sample ID: SB3-11-11.5

Lab Sample ID: Client Matrix:	720-1951-2 Solid			Date Sample Date Receiv	
80 <sup>.</sup>	15B Nonhalogenated Or	ganics using	g GC/FID -Modified	(Gasoline Range Organic	s)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 5030B 1.0 02/15/2006 1610 02/15/2006 1610	Analysi	s Batch: 720-5628	Instrument ID: Lab File ID: Initial Weight/Vol Final Weight/Volu Injection Volume Column ID:	ume: 10 mL
Analyte	DryWt (	Corrected: N	Result (mg/Kg)	Qualifier	RL
Gasoline Range (	Organics (GRO)-C5-C12		ND	ter fan 't fan den fan yn frwy fan de ste fan de skal sy'r yn ffiniau yn fynge stoffeninge ferfinae yn den er f	1.0
Surrogate			%Rec	Acc	ceptance Limits

65

Job Number: 720-1951-1

#### Client: URS Corporation

Client Sample ID: SB3-15.5-16

Lab Sample ID: Client Matrix:	720-1951-3 Solid			Date Samp Date Recei	
80	15B Nonhalogenated C	rganics using	g GC/FID -Modified	(Gasoline Range Organi	cs)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 5030B 1.0 02/15/2006 1637 02/15/2006 1637	Analysi	s Batch: 720-5628	Instrument ID: Lab File ID: Initial Weight/Vo Final Weight/Vo Injection Volume Column ID:	lume: 10 mL
Analyte	DryWt	Corrected: N	Result (mg/Kg)	Qualifier	RL
Gasoline Range (	Organics (GRO)-C5-C12		NÐ		0.98
Surrogate			%Rec	Ac	ceptance Limits
4-Bromofluorober	nzene		69		8 - 124

Job Number: 720-1951-1

#### Client: URS Corporation

**Client Sample ID:** SB6-5.5-6

720-1951-4 Date Sampled: 02/07/2006 1550 **Client Matrix:** Solid Date Received: 02/08/2006 1845 8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics) Method: 8015B Analysis Batch: 720-5628 Instrument ID: GC 5 Preparation: 5030B Lab File ID: N/A Dilution: 1.0 Initial Weight/Volume: 5.03 g Final Weight/Volume: Date Analyzed: 02/15/2006 1703 10 mL Date Prepared: 02/15/2006 1703 Injection Volume: Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Gasoline Range Organics (GRO)	-C5-C12	ND		0.99
Surrogate		%Rec		Acceptance Limits
4-Bromofluorobenzene		62		58 - 124

Lab Sample ID:

#### Client: URS Corporation

Job Number: 720-1951-1

Client Sample ID:	SB6-11.5-12
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Lab Sample ID: Client Matrix:	720-1951-5 Solid			Date Sample Date Receive	
80	15B Nonhalogenated Org	janics using	g GC/FID -Modified	(Gasoline Range Organics	;)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 5030B 1.0 02/16/2006 1012 02/16/2006 1012	Analysi	s Batch: 720-5657	-	0
Analyte	DryWt C	orrected: N	Result (mg/Kg)	Qualifier	RL
Gasoline Range (	Organics (GRO)-C5-C12		ND		1.0
Surrogate			%Rec	Acce	eptance Limits
4-Bromofluorober	nzene	******	58	58	- 124

.

#### Client: URS Corporation

Job Number: 720-1951-1

#### Client Sample ID: SB6-15.5-16

Lab Sample ID: Client Matrix:	720-1951-6 Solid			Date Sampled:02/07/20061600Date Received:02/08/20061845
	15B Nonhalogenate	d Organics using	g GC/FID -Modified	(Gasoline Range Organics)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 5030B 1.0 02/16/2006 1012 02/16/2006 1012	Analysi	s Batch: 720-5657	Instrument ID: GC 5 Lab File ID: N/A Initial Weight/Volume: 5.01 g Final Weight/Volume: 10 mL Injection Volume: Column ID: PRIMARY
Analyte	Dŋ	Wt Corrected: N	Result (mg/Kg)	Qualifier RL
Gasoline Range C	Organics (GRO)-C5-0	012	ND	1.0
Surrogate			%Rec	Acceptance Limits
4-Bromofluorober	nzene	n a fha na 27 martainn ann ann ann ann ann ann ann ann ann	70	58 - 124

STL San Francisco

Job Number: 720-1951-1

#### Client: URS Corporation

Client Sample ID: SB6-19.5-20

Lab Sample ID: Client Matrix:	720-1951-7 Solid			Date Sampl Date Receiv	
80 <sup>,</sup>	15B Nonhalogenated	Organics using	g GC/FID -Modified	(Gasoline Range Organic	cs)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 5030B 1.0 02/16/2006 1012 02/16/2006 1012	Analysi	is Batch: 720-5657	Instrument ID: Lab File ID: Initial Weight/Vo Final Weight/Vol Injection Volume Column ID:	ume: 10 mL
Analyte	DryW	t Corrected: N	Result (mg/Kg)	Qualifier	RL
Gasoline Range (	Organics (GRO)-C5-C1	2	ND		0.98
Surrogate			%Rec	Ac	ceptance Limits
4-Bromofluorober	nzene		69	5	8 - 124

#### Client: URS Corporation

Job Number: 720-1951-1

#### Client Sample ID: TRIP BLANK

Lab Sample ID: Client Matrix:	720-1951-8TB Water		Date Sampled:02/07/20060000Date Received:02/08/20061845
	15B Nonhalogenated Org	anics using GC/FID -Modified	(Gasoline Range Organics)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 5030B 1.0 02/13/2006 1223 02/13/2006 1223	Analysis Batch: 720-5532	Instrument ID: PID/FID Gas/Btex Lab File ID: N/A Initial Weight/Volume: 10 mL Final Weight/Volume: 10 mL Injection Volume: Column ID: PRIMARY
Analyte		Result (ug/L)	Qualifier RL
Gasoline Range C	Organics (GRO)-C5-C12	ND	50
Surrogate		%Rec	Acceptance Limits
4-Bromofluorober	zene	104	50 - 150

#### Client: URS Corporation

Job Number: 720-1951-1

Client Sample ID	: SB3-6-6.5			
Lab Sample ID:	720-1951-1			Date Sampled: 02/07/2006 1225
Client Matrix:	Solid			Date Received: 02/08/2006 1845
80	)15B Nonhalogenated O	rganics usi	ng GC/FID -Modified	d (Diesel Range Organics)
Method:	8015B	Analysi	is Batch: 720-5479	Instrument ID: HP DR05
Preparation:	3550B	Prep Ba	atch: 720-5449	Lab File ID: N/A
Dilution:	1.0			Initial Weight/Volume: 30.00 g
Date Analyzed:	02/11/2006 1743			Final Weight/Volume: 5 mL
Date Prepared:	02/10/2006 1311			Injection Volume:
				Column ID: PRIMARY
Analyte	DryWt C	orrected: N	Result (mg/Kg)	Qualifier RL
Diesel Range Org	anics [C10-C28]		ND	1.0
Mineral Spirit Ran	ge Organics [C9-C13]		ND	1.0
Surrogate			%Rec	Acceptance Limits
o-Terphenyl			82	60 - 130

Job Number: 720-1951-1

#### Client: URS Corporation

Client Sample ID: SB3-11-11.5

Lab Sample ID: Client Matrix:	720-1951-2 Solid			Date Sampled: 02/07/2006 1230 Date Received: 02/08/2006 1845
	015B Nonhalogenated O	ganics usir	ng GC/FID -Modifie	d (Diesel Range Organics)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 3550B 1.0 02/11/2006 1810 02/10/2006 1311	*	s Batch: 720-5479 atch: 720-5449	Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 30.28 g Final Weight/Volume: 5 mL Injection Volume: Column ID: PRIMARY
Analyte	DryWt Co	orrected: N	Result (mg/Kg)	Qualifier RL
Diesel Range Org			ND	0.99
Mineral Spirit Ran	ge Organics [C9-C13]		ND	0.99
Surrogate			%Rec	Acceptance Limits
o-Terphenyl	***************************************		78	60 - 130

#### Client: URS Corporation

Client Sample ID: SB3-15.5-16

Job Number:	720-1951-1
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Lab Sample ID: Client Matrix:	720-1951-3 Solid				ampled: eceived:	02/07/2006 02/08/2006	1330 1845
80	)15B Nonhalogenated Or	ganics using GC	/FID -Modified	d (Diesel Range Orga	nics)		
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 3550B 1.0 02/11/2006 1837 02/10/2006 1311	Analysis Batc Prep Batch: 7		Instrument I Lab File ID: Initial Weigh Final Weigh Injection Vo Column ID:	N// nt/Volume t/Volume lume:	e: 30.01 (	9
Analyte	DryWt Co	rrected: N Res	ult (mg/Kg)	Qualifier		RL	
Diesel Range Org Mineral Spirit Ran	anics [C10-C28] ge Organics [C9-C13]	NE NE		and a second		1.0 1.0	L'Fhiled a loca a sti
Surrogate o-Terphenyl	name names you to be a set of the	%Re 84	C.	567 197 A 55 - 57 A 1 2 m - 5 1 4 2 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7 2	Accepta 60 - 1	ance Limits 30	≪into Y s inconstitución discussiones d

#### Client: URS Corporation

Client Sample ID: SB6-5.5-6

Job Number: 720-1951-1

Lab Sample ID: Client Matrix:	720-1951-4 Solid		Date Sampled: 02/07/2006 1550 Date Received: 02/08/2006 1845
8	015B Nonhalogenated Or	ganics using GC/FID -Mo	dified (Diesel Range Organics)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 3550B 1.0 02/11/2006 1904 02/10/2006 1311	Analysis Batch: 720-54 Prep Batch: 720-5449	79 Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 30.43 g Final Weight/Volume: 5 mL Injection Volume: Column ID: PRIMARY
Analyte	DryWt Co	prrected: N Result (mg/Kg	) Qualifier RL
Diesel Range Org	anics [C10-C28]	ND	0.99
Mineral Spirit Ran	ge Organics [C9-C13]	ND	0.99
Surrogate		%Rec	Acceptance Limits
o-Terphenyl	(H TAACHATAANA // Taana / A an	77	60 - 130

#### Client: URS Corporation

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Job Number: 720-1951-1

# Client Sample ID:SB6-11.5-12Lab Sample ID:720-1951-5Client Matrix:Solid

#### Date Sampled: 02/07/2006 1555 Date Received: 02/08/2006 1845

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)							
Method:	8015B	Analysis Batch: 720-5479	Instrument ID:	HP DR05			
Preparation:	3550B	Prep Batch: 720-5449	Lab File ID:	N/A			
Dilution:	1.0		Initial Weight/Ve	olume: 30.18 g			
Date Analyzed:	02/11/2006 1932		Final Weight/Vo	olume: 5 mL			
Date Prepared:	02/10/2006 1311		Injection Volum	e:			
			Column ID:	PRIMARY			
Analyte	DryWt Co	rrected: N Result (mg/Kg)	Qualifier	RL			
Diesel Range Org	anics [C10-C28]	ND		0.99			
Mineral Spirit Ran	ige Organics [C9-C13]	ND		0.99			
Surrogate		%Rec	A	cceptance Limits			
o-Terphenyl		84		50 - 130			

Job Number: 720-1951-1

#### Client: URS Corporation

Client Sample ID: SB6-15.5-16

Lab Sample ID:	720-1951-6		Date Sampled: 02/07/2006 1600
Client Matrix:	Solid		Date Received: 02/08/2006 1845
80	015B Nonhalogenated O	ganics using GC/FID -Mo	dified (Diesel Range Organics)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 3550B 1.0 02/11/2006 1959 02/10/2006 1311	Analysis Batch: 720-54 Prep Batch: 720-5449	179 Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 30.20 g Final Weight/Volume: 5 mL Injection Volume: Column ID: PRIMARY
Analyte	DryWt Co	prrected: N Result (mg/Kg	g) Qualifier RL
Diesel Range Org	anics [C10-C28]	ND	0.99
Mineral Spirit Ran	ge Organics [C9-C13]	ND	0.99
Surrogate	n o ca Charlenna a-Marana an bhail anns an Lanna a dh anns an anns anns anns anns anns anns	%Rec	Acceptance Limits
o-Terphenyl		87	60 - 130

#### Client: URS Corporation

Job Number: 720-1951-1

Client Sample ID:	SB6-19.5-20
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Lab Sample ID: Client Matrix:	720-1951-7 Solid			Date Sampled: 02/07/2006 1610 Date Received: 02/08/2006 1845
8	015B Nonhalogenated Or	ganics usin	g GC/FID -Modified	l (Diesel Range Organics)
Method: Preparation: Dilution: Date Analyzed: Date Prepared:	8015B 3550B 1.0 02/11/2006 2026 02/10/2006 1311	•	Batch: 720-5479 tch: 720-5449	Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 30.45 g Final Weight/Volume: 5 mL Injection Volume: Column ID: PRIMARY
Analyte	DryWt Co	prrected: N	Result (mg/Kg)	Qualifier RL
Diesel Range Org Mineral Spirit Ran	anics [C10-C28] ge Organics [C9-C13]		ND ND	0.99 0.99
Surrogate o-Terphenyl	nin kan di kana di kana kana kana kana kana kana kana kan	aan faan de skriet of the station as a second	%Rec 75	Acceptance Limits 60 - 130

### DATA REPORTING QUALIFIERS

Lab Section

Qualifier

Description

Calculations are performed before rounding to avoid round-off errors in calculated results.

#### Client: URS Corporation

#### Method Blank - Batch: 720-5941

Lab Sample ID: MB 720-5941/14 Client Matrix: Solid Dilution: 1.0 Date Analyzed: 02/20/2006 1145 Date Prepared: 02/20/2006 1145 Analysis Batch: 720-5941 Prep Batch: N/A Units: ug/Kg

#### **Quality Control Results**

Job Number: 720-1951-1

#### Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\02 Initial Weight/Volume: 5 g Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND	9 97 T GLP 23 97 A NU 20 3 A N 24 5 M A A A A A A A A A A A A A A A A A A	5.0
Ethylbenzene	ND		5.0
МТВЕ	ND		5.0
Toluene	ND		5.0
Xylenes, Total	ND		10
Surrogate	% Rec	Acceptance Limit	S
Toluene-d8	99	70 - 130	
1,2-Dichloroethane-d4	106	60 - 140	

#### Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 720-5941

#### Method: 8260B Preparation: 5030B

LCS Lab Sample I Client Matrix: Dilution: Date Analyzed: Date Prepared:	D: LCS 720-5941/16 Solid 1.0 02/20/2006 1059 02/20/2006 1059	Analysis Batch: 720-5941 Prep Batch: N/A Units: ug/Kg	Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\02 Initial Weight/Volume: 5 g Final Weight/Volume: 10 mL
LCSD Lab Sample Client Matrix: Dilution: Date Analyzed: Date Prepared:	ID: LCSD 720-5941/15 Solid 1.0 02/20/2006 1122 02/20/2006 1122	Analysis Batch: 720-5941 Prep Batch: N/A Units:ug/Kg	Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\022 Initial Weight/Volume: 5 g Final Weight/Volume: 10 mL

	<u>9</u>	<u>6 Rec.</u>			
Analyte	LCS	LCSD	Limit	RPD	RPD Limit LCS Qual LCSD Qual
Benzene	87	92	69 - 129	6	20
MTBE	85	87	65 - 165	2	20
Toluene	82	88	70 - 130	7	20
Surrogate		CS % Rec	LCSD %	Rec	Acceptance Limits
Toluene-d8	1	01	100		70 - 130
1,2-Dichloroethane-d4	1	10	109		60 - 140

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Job Number: 720-1951-1

#### Client: URS Corporation

# Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 720-5941

#### Method: 8260B Preparation: 5030B

MS Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1932-A-3 MS Solid 1.0 02/20/2006 1329 02/20/2006 1329	Analysis Batch: Prep Batch: N/A	720-5941	Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\( Initial Weight/Volume: 5.47 g Final Weight/Volume: 10 mL
MSD Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1932-A-3 MSD Solid 1.0 02/20/2006 1352 02/20/2006 1352	Analysis Batch: Prep Batch: N/A	720-5941	Instrument ID: Varian 3900E Lab File ID: c:\varianws\data\200602\02 Initial Weight/Volume: 5.47 g Final Weight/Volume: 10 mL

	<u>%</u>	Rec.				
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual MSD Qual
Benzene	100	99	69 - 129	1	20	Land an Land and any design of the state of the
MTBE	99	106	65 - 165	6	20	
Toluene	94	93	70 - 130	0	20	
Surrogate		MS % Rec	MSD %	6 Rec	Acce	ptance Limits
Toluene-d8		100	<b>1</b> 01		70	- 130
1,2-Dichloroethane-d4		107	112		60	- 140

Method: 8015B Preparation: 5030B

Job Number: 720-1951-1

Client: URS Corporation

# Method Blank - Batch: 720-5532

Lab Sample ID: MB 720-5532/1 Analysis Batch: 720-5532 Instrument ID: PID/FID Gas/Btex Client Matrix: Water Prep Batch: N/A Lab File ID: N/A Dilution: Units: ug/L Initial Weight/Volume: 10 mL 1.0 Date Analyzed: 02/13/2006 1035 Final Weight/Volume: 10 mL Date Prepared: 02/13/2006 1035 Injection Volume: Column ID: PRIMARY Analyte Result Qual RL Gasoline Range Organics (GRO)-C5-C12 ND 50 Surrogate % Rec Acceptance Limits 4-Bromofluorobenzene 110 50 - 150 Laboratory Control Sample - Batch: 720-5532 Method: 8015B Preparation: 5030B

Lab Sample ID:LCS 720-5532/2Client Matrix:WaterDilution:1.0Date Analyzed:02/13/2006Date Prepared:02/13/2006	Analysis Batch: Prep Batch: N/A Units: ug/L			mL mL	
Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C5-C12	250	280	110	75 - 125	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	10	5	50 - 150		

Method: 8015B Preparation: 5030B

Job Number: 720-1951-1

#### Client: URS Corporation

# Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 720-5532

MS Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1952-B-1 MS Water 1.0 02/13/2006 1709 02/13/2006 1709		is Batch: atch: N/A	720-5532	La In Fi In		ume: 10 mL
MSD Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1952-B-1 MSD Water 1.0 02/13/2006 1745 02/13/2006 1745	-	is Batch: atch: N/A	720-5532	La In Fi In		ume: 10 mL
Analyte		<u>% R</u> MS	<u>lec.</u> MSD	Limit	RPD	RPD Limit	MS Qual MSD Qual
Gasoline Range Orga	anics (GRO)-C5-C12	108	90	65 - 135	17	20	ann an

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	105	96	50 - 150

Job Number: 720-1951-1

Client: URS Corporation

#### Method Blank - Batch: 720-5628

Method: 8015B Preparation: 5030B

Lab Sample ID:MB 720-5628/1Client Matrix:SolidDilution:1.0Date Analyzed:02/15/2006Date Prepared:02/15/2006	Analysis Batch: Prep Batch: N/A Units: mg/Kg		La In Fi In	strument ID: GC 5 ab File ID: N/A itial Weight/Volume: 5.00 nal Weight/Volume: 10 jection Volume: olumn ID: PRIMAR`	'nĹ	
Analyte	Resul	t	Qual	R	L	
Gasoline Range Organics (GRO)-C5-C12	ND			1.1	D	
Surrogate	% R	ec		Acceptance Limits		
4-Bromofluorobenzene	77		58 - 124			
Laboratory Control Sample - Batch: 7	720-5628			ethod: 8015B reparation: 5030B		
Lab Sample ID:LCS 720-5628/2Client Matrix:SolidDilution:1.0Date Analyzed:02/15/2006 1206Date Prepared:02/15/2006 1206	Analysis Batch: Prep Batch: N/A Units:mg/Kg	720-5628	La In Fi In	strument ID: GC 5 ab File ID: N/A itial Weight/Volume: 5.00 nal Weight/Volume: 10 r jection Volume: olumn ID: PRIMAR)	nĽ	
Analyte	Spike Amount	Result	% Rec.	Limit	Qual	
Gasoline Range Organics (GRO)-C5-C12	0.500	ND	94	75 - 125		
Surrogate	% Rec		Acceptance Limits			
4-Bromofluorobenzene	78		an an ann an an Albert an Albert Ann an Anna a	58 - 124	. <b>7 an t-18 an</b>	

Method: 8015B Preparation: 5030B

Job Number: 720-1951-1

#### Client: URS Corporation

# Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 720-5628

Gasoline Range Orga	anics (GRO)-C5-C12	88	86	65 - 135	NC	35	
Analyte		<u>% R</u> MS	<u>ec.</u> MSD	Limit	RPD	RPD Limit	MS Qual MSD Qual
MSD Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1932-A-1 MSD Solid 1.0 02/15/2006 1357 02/15/2006 1357	•	s Batch: atch: N/A	720-5628	La Ini Fii Inj	strument ID: G b File ID: Ni tial Weight/Vol nal Weight/Volu ection Volume: blumn ID:	/A ume: 5.00 g ume: 10 mL
MS Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1932-A-1 MS Solid 1.0 02/15/2006 1330 02/15/2006 1330		s Batch: atch: N/A	720-5628	La Ini Fii Inj		ume: 10 mL

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	72	70	58 - 124

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Job Number: 720-1951-1

Client: URS Corporation

Method Blank - Batch: 720-5657

#### Method: 8015B Preparation: 5030B Lab Sample ID: MB 720-5657/1 Analysis Batch: 720-5657 Instrument ID: GC 5 Client Matrix: Solid Prep Batch: N/A Lab File ID: N/A Dilution: 1.0 Units: mg/Kg Initial Weight/Volume: 5.0 g Date Analyzed: 02/16/2006 1012 Final Weight/Volume: 10 mL Date Prepared: 02/16/2006 1012 Injection Volume: PRIMARY Column ID: Analyte Result Qual RL Gasoline Range Organics (GRO)-C5-C12 ND 1.0 Surrogate % Rec Acceptance Limits 4-Bromofluorobenzene 70 58 - 124 Laboratory Control Sample - Batch: 720-5657 Method: 8015B Preparation: 5030B Lab Sample ID: LCS 720-5657/2 Analysis Batch: 720-5657 Instrument ID: GC 5 Client Matrix: Solid Prep Batch: N/A Lab File ID: N/A Dilution: 1.0 Units: mg/Kg Initial Weight/Volume: 5.0 g Date Analyzed: 02/16/2006 1012 Final Weight/Volume: 10 mL Date Prepared: 02/16/2006 1012 Injection Volume: Column ID: PRIMARY Analyte Spike Amount Result % Rec. Limit Qual Gasoline Range Organics (GRO)-C5-C12 0.500 ND 95 75 - 125 Surrogate % Rec Acceptance Limits 4-Bromofluorobenzene 77 58 - 124

Method: 8015B Preparation: 5030B

Job Number: 720-1951-1

#### Client: URS Corporation

# Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 720-5657

MS Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1951-7 Solid 1.0 02/16/2006 1012 02/16/2006 1012	Analysis Batch: 720-5657 Prep Batch: N/A	Instrument ID: GC 5 Lab File ID: N/A Initial Weight/Volume: 5.02 g Final Weight/Volume: 10 mL Injection Volume: Column ID: PRIMARY
MSD Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1951-7 Solid 1.0 02/16/2006 1012 02/16/2006 1012	Analysis Batch: 720-5657 Prep Batch: N/A	Instrument ID: GC 5 Lab File ID: N/A Initial Weight/Volume: 5.01 g Final Weight/Volume: 10 mL Injection Volume: Column ID: PRIMARY
		% Rec	

	<u> </u>	<u>6 Rec.</u>				
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual MSD Qual
Gasoline Range Organics (GRO)-C5-C12	86	78	65 - 135	NC	35	
,						
Surrogate N		MS % Rec	MSD % Rec Acceptance Limits			ptance Limits
		a a series and a series of the	A REAL PROPERTY OF THE PARTY OF	******		
4-Bromofluorobenzene		72	73		58	3 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

93

o-Terphenyl

#### Quality Control Results

Job Number: 720-1951-1

Method Blank - Batch: 720-5449 Method: 8015B Preparation: 3550B Lab Sample ID: MB 720-5449/1-A Analysis Batch: 720-5479 Instrument ID: HP DR05 Client Matrix: Solid Prep Batch: 720-5449 Lab File ID: N/A Dilution: Units: mg/Kg 1.0 Initial Weight/Volume: 30.32 g Date Analyzed: 02/11/2006 1621 Final Weight/Volume: 5 mL Date Prepared: 02/10/2006 1311 Injection Volume: Column ID: PRIMARY Analyte Result Qual RL Diesel Range Organics [C10-C28] ND 0.99 Mineral Spirit Range Organics [C9-C13] ND 0.99 Surrogate % Rec Acceptance Limits o-Terphenyl 89 60 - 130 Laboratory Control/ Method: 8015B Laboratory Control Duplicate Recovery Report - Batch: 720-5449 Preparation: 3550B LCS Lab Sample ID: LCS 720-5449/2-A Analysis Batch: 720-5479 Instrument ID: HP DRO5 Client Matrix: Solid Prep Batch: 720-5449 Lab File ID: N/A Dilution: 1.0 Units: mg/Kg Initial Weight/Volume: 30.23 g Date Analyzed: 02/11/2006 0200 Final Weight/Volume: 5 mL Date Prepared: 02/10/2006 1311 Injection Volume: Column ID: PRIMARY LCSD Lab Sample ID: LCSD 720-5449/3-A Analysis Batch: 720-5479 Instrument ID: HP DRO5 Client Matrix: Solid Prep Batch: 720-5449 Lab File ID: N/A Dilution: 1.0 Units: mg/Kg Initial Weight/Volume: 30.29 g Date Analyzed: 02/11/2006 0227 Final Weight/Volume: 5 mL Date Prepared: 02/10/2006 1311 Injection Volume: Column ID: PRIMARY % Rec. Analyte LCS LCSD Limit RPD RPD Limit LCS Qual LCSD Qual Diesel Range Organics [C10-C28] 97 97 60 - 130 30 1 Surrogate LCS % Rec LCSD % Rec Acceptance Limits

Client: URS Corporation

#### Page 36 of 39

94

60 - 130

Method: 8015B Preparation: 3550B

Job Number: 720-1951-1

#### Client: URS Corporation

# Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 720-5449

MS Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1932-A-3-B MS Solid 1.0 02/11/2006 0606 02/10/2006 1311	Analysis Batch: 720-5479 Prep Batch: 720-5449	Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 30.14 g Final Weight/Volume: 5 mL Injection Volume: Column ID: PRIMARY
MSD Lab Sample ID: Client Matrix: Dilution: Date Analyzed: Date Prepared:	720-1932-A-3-C MSD Solid 1.0 02/11/2006 0634 02/10/2006 1311	Analysis Batch: 720-5479 Prep Batch: 720-5449	Instrument ID: HP DRO5 Lab File ID: N/A Initial Weight/Volume: 30.36 g Final Weight/Volume: 5 mL Injection Volume: Column ID: PRIMARY

	2	<u>6 Rec.</u>				
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual MSD Qual
Diesel Range Organics [C10-C28]	94	89	60 - 130	7	30	<mark>n ya na na mana kana kana kana kana kana ka</mark>
Surrogate		MS % Rec	MSD %	Rec	Acce	ptance Limits
o-Terphenyl		87	80		60	) - 130

	SEVERN ST	720-1	951	2 5 7 1220 Pho	L Sai Quari ne: (9	n Fra ry Lan 25) 48 Email	ncis e •   34-19 1: sfloi	co ( Pleas 19 • ain@	Chair antor Fax: stl-inc	CA 9 (925) com	4566 484-	-4756 1096			Date	21-		feren:	ce #: Page _	<u>3 9/</u>	<u>36</u> of _1	
1,	Attn: Leonard Niles Company: URS Address: 1333 Braddway Phone: 8510-893-3608 Emp Bill To: Attn: Sampla ID Date SB3-10-10.5 2/-	4 Sui le 800 CA 444 ail: Leanard_Niter, <u>Pue</u> Samplod By: AF / RM Phong: te Timo Mat Pros	TPH EPA	Purgeotice Avonation UTEX EPA - DR021 (D 2020) TEPH EPA 2015/M* (D 50)(22 Gat (M*	Tuel Tests EPA RECCE, D Gas D UTEX U Five Offensides CI DCA, EDE D Ethered	Purgeable Hatocarbans (HVOCs) EPA 8021 by 6260B	Volatile Organice, GCMS (VOCa) D EPA 82603 D 624	Somivolulies CCIMS D EPA 8270 D 525	Oli and Grease D. Percoleum (EPA 1654.) D. Total	Pestitutes II EPA 8061 II 608 PCBs II EPA 8082 II 608	PNAs by [] 8276 [] 8310	CAM17 Metab (EPA 00107/3707/471)	D RCRA		E WET(STC)	<ul> <li>Horavolant Chromium</li> <li>PI4 (24th tool time for H<sub>1</sub>O)</li> </ul>		0 NO, EF				Number of Containers
2.3.4.5.2		7 1230 Soil NA 7 1330 Soil NA 1350 Soil NA 1555 Soil NA 1555 Soil NA 1600 Soil NA 1610 Soil NA	X			**************************************	· · · · · · · · · · · · · · · · · · ·							5 + 4 - 4								
	Project Info. Project Info. Project Name: Calis Project 1/2	H <sub>2</sub> D NA- Sample Receip # of Containers: 9		1) Re	inquishe Wen yre	d-		2:3 Time	<u> </u>	2) Rel	Inquish			TIm	8		telinqui.	shed by	1	Tir	ne	1 4¢
	Abs/14847.02000           PO#:           Credit Card#:           T           A           72h           45h           24h	Head Space: Temp: 20 Conforms to record: Other:		Printe Comp	<u>Lo L</u> Name any eived by		<u></u>	2-8 Date	<u></u>	Printer Comp	I Name	Z	2	20a		Can	ted Nan Ipany ecelved				दांस् इति	
	T 2017 Report: ØRoutine D Lavel 3 O Lo Special Instructions / Comments: SLicence *STL SF reports 80 (SM from Co-Cos (inc	l Goodain Afuise		Signal Priniec		in the second se	21	Time Sate	<u> </u>	Signale Printed	Name	<u>- 1/4</u> <u>1/664</u> S.T.L.		189 Kime Sleven		Print Comp	ed Nam	lê		Tîm Da	••	

لىتىغ مىيە مىيەت مەرمە بى<mark>رە بىكەنگە ب</mark>ەردى <sub>تەرك</sub>ەتت.

# LOGIN SAMPLE RECEIPT CHECK LIST

## Client: URS Corporation

Job Number: 720-1951-1

## Login Number: 1951

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	Insufficient sample for the waters TPH Diesel & MS water
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	1-40ml Hcl vial for Trip Blank, 1- unpres vial for Temperature Blank
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	False	TEMPERATURE BLANK has an air bubble >6mm
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Appendix D Conduit and Well Survey

#### <u>Conduit Survey – Identification of Underground Utilities</u>

investigations conducted at and nearby the former Cens Service Station site (Site) since 1993 have shown that the depth to shallow groundwater in the area has varied between 5 and 10 feet below ground surface (bgs). Shallow groundwater has been documented to flow in a southwest direction. San Pablo Avenue is located immediately downgradient (with respect to shallow groundwater flow) of the Site. As such, any underground utility trench deeper than 5 feet bgs within the San Pablo Avenue Right-of-Way could potentially serve as a preferential pathway for contaminant migration.

A street utility map was obtained from the City of Emeryville Public Works Department for the San Pablo Avenue between 40<sup>th</sup> Street and 43<sup>rd</sup> Street. A copy of the map is included (Appendix D Attachment 1). The following underground utilities are identified:

- A storm drain exists beneath the north-bound lane of San Pablo Avenue and is located approximately 15 feet from the western boundary of Site. The size of the pipe varies between 12 and 18 inches in diameter. The bottom of the pipe is approximately 8.5 feet bgs and the bottom of the trench is likely around 9 feet bgs. This storm drain trench may at least partially lie within the shallow groundwater zone and thus has the potential to act as a preferential pathway for contaminant migration.
- An 8-inch diameter sewer main is located approximately 6.5 to 9 feet bgs near the middle of the San Pablo Avenue. The sewer trench may at least partially lie within the shallow groundwater zone and thus has the potential to act as a preferential pathway for contaminant migration.
- There is a water main and a gas main beneath the north-bound lane of San Pablo Avenue and a telephone line, a second water main and a second gas main beneath the south-bound lane of San Pablo Avenue. In addition, a call to Underground Service Alert for the February 2006 field investigation resulted in markings of many underground electrical lines relating to street lighting and traffic signal controls and additional telephone and cable lines. Mr. Maurice Kaufman, Senior Civil Engineer at the City of Emeryville Public Works Department in charge of underground utility construction stated that all these underground utilities (except the storm drain and the sewer main identified above) are typically located within the top three feet of surface and the bottom of their trenches rarely deeper than five feet. Therefore, these underground utilities dos not appear to have the potential to act as preferential pathways for groundwater and contaminant movement.

In summary, the 8-inch diameter sewer main and the 12- to 18-inch diameter storm drain each have the potential to act as preferential pathways for contaminant migration.

#### Well Survey

At URS Subcontractor OTG EnviroEngineering Solutions, Inc. (OTG) request, the Water Resources Section (WRS) of Alameda County Public Works Agency (ACPWA) conducted a search of all wells and boreholes within a ~2 mile radius of the former Celis Service Station site (Site). The results of this search were provided in a spreadsheet that is included as Appendix D Attachment 2. The following is a summary of this search:

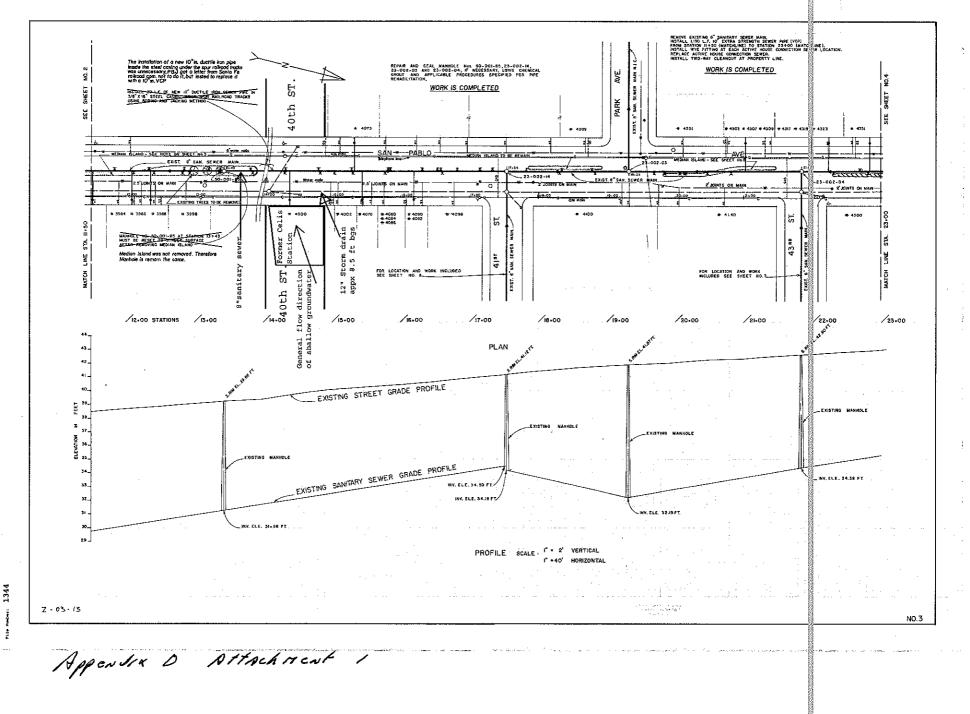
- A total of 639 monitoring wells were identified, of which 150 were destroyed with permits.
- Eight (8) wells were labeled as "supply wells" within the ~2 mile radius, of which two were potentially located within a ½ mile radius of the Site: a "supply well" with drilling permit #W00-101A on Sherwin Avenue and another "supply well" with drilling permit #W00-654 on Hollis Street. OTG requested a focused review of the original drilling permits and well logs for these two wells, the results of which are provided in the attached May 23, 2006 email to Mr. Xinggang Tong OTG (Appendix D Attachment 3). As it turned out, permit #W00-101A was erroneous and should be permit #99WR101A for the destruction of a monitoring well. Permit #W00-654 was for the construction of a contamination investigation monitoring well. In summary, the WRS database has no records of domestic wells or supply wells within ½ mile of radius of the Site.
- Eleven cathodic protection wells (CAT), three industrial wells (IND), two irrigation wells (IRR), and five abandoned or not being used wells (ABN) were identified within the ~2 mile radius of the Site. Further review of the well locations indicated that none of them were located within ½ mile radius of the Site.

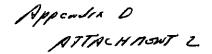
The WRS started its well database in the 1980s. Considering the fact that the area development began in the early 1900 and older water supply wells may not been tracked by the WRS database, URS implemented a water well search in the State of California well database through a third party, Banks Information Solutions, Inc (BIS). The BIS state search result is attached as Appendix D Attachment 4. The following three water wells were identified in the State database within ½ mile radius of the Site:

• State ID 01-763 water well owned by American Rubber Co. was identified near Park Avenue and Emery Street within approximately 1/8 mile of the Site. With respect to historic shallow groundwater flow directions this location is crossgradient of the Site. The well had a reported total depth of 160 feet. A May 18, 2006 field survey performed by OTG revealed that American Rubber Co. is no longer at this location and there were no observable signs of a water supply well within one city block area of the location. This area had been redeveloped extensively in the past 20 years and all businesses and residences have been using East Bay Municipal District (EBMUD) supplied water for years. Although no documentation is available, the well may have been destroyed prior to or during redevelopment.

- State ID 01-738 water well owned by Toscani Bakery was identified near Market Street between 40<sup>th</sup> Street and 41<sup>st</sup> Street within approximately 3/8 mile of the Site. With respect to historic shallow groundwater flow direction this location is
   apgradient of the Site. The well had a reported total depth of 100 feet. The May 18, 2006 field survey revealed that the bakery is no longer at this location. Single-family houses (which use EBMUD supplied water) now occupy this location. No signs of water wells were observed during the field survey. Due to its upgradient location, this well, if it still exists, is not likely to be impacted by migration of contaminants of concern from the Site.
- State ID 01-745 water well owned by City of Paris Cleaning & Dyeing Works was identified near Adeline Street and 35<sup>th</sup> Street within approximately 3/8 miles of the Site. With respect to historic shallow groundwater flow direction, this well is located cross-to-down gradient of the Site. The well had a reported total depth of 97 feet. The May 18, 2006 field survey revealed that the Cleaning & Dyeing Works is no longer at this location. Several commercial buildings exist in the area and one of them has a sign of "City of Paris Studios" with a street address of 3516 Adeline Street. The building was locked and no one answered the door but it appeared to be an art studio. No signs of water wells were observed when walking in publicly accessible places around the area during the field survey. Buildings in the area were generally in poor condition and had either barbed wire or metal bar/fence protection. No attempt was made to enter these buildings during the field survey. Given the fact that the well is not located in a direct down gradient area and is approximately 3/8 miles away, this well, if it still exists, is not likely to be impacted by migration of contaminants of concern from the Site.

In summary, the area within  $\sim 2$  mile radius of the Site has historically been an industrial, commercial and residential mixed use area that includes numerous contaminated sites under investigation and remediation as evidenced by the sheer number of monitoring wells recorded by the ACPWA-WRS. Within a  $\frac{1}{2}$  mile radius of the Site, it appears that no domestic or water supply wells have been installed since WRS started tracking well installation in 1980s. The three older water wells recorded in the state database could not be located in a field verification survey conducted on May 18, 2006. It appears highly unlikely that contaminants of concern from the Site could impact the three closest wells identified, even if they were still in existence, based on their location with respect to the Site and historic shallow groundwater flow direction.





# Well Legend

DOM=Domestic well

IRR=Irrigation well

MUN= Municipal well

IND=Industrial well

CAT=Cathodic well

DES=well destroyed (through permit)

ABN=Abandoned and not being used (but has not been destroyed through permit process)

TES=Test well

**BOR=** Geotechnical investigation

MON= Monitoring well

EXT=Extraction/ Vapor wells

**PIE=Piezometers** 

REC=Recovery well (extraction/ vapor)

? = Unknown or no information found or given

Permit	I	Section	Address	Longcity		Update	Xcoord		Ycoord	Matchleve Ts		Rec_code Phone	<u>City</u>			Totaldepti Wat	erdepi	
	1S/4W 1S/4W	13B 13B 1	6039 College Ave 6039 College Ave	Oakland Oakland	Shell OII Company Shell OII Company	3/29/1991 3/29/1991		122251940 122251940			5/4W 13E 5/4W 13E		0 OAK 0 OAK	9/90 7/90	0	0	0 8	8 DES 0 BOR*
	1S/4W	13B 2	6039 College Ave	Oakland		3/29/1991		122251940			5/4W 13E		0 OAK	1/90	0	0	0	10 BOR*
	1S/4W	13B 3	6039 College Ave	Oakland	Shell Oil Company	3/29/1991		122251940	37848491	0 15	5/4W 13E	1569	0 OAK	1/90	196	25	ő	4 MON
	1S/4W	13B 4	6039 College Ave	Oakland	Shell Oil Company	3/29/1991		122251940			5/4W 13E		0 OAK	1/90	194	25	0	4 MON
	1S/4W 1S/4W	138 5 138 6	6230 Claremont Av 6230 Claremont Av	Oakland Oakland		8/13/1997 8/13/1997		122251414 122251414			S/4W 138 S/4W 138		0 OAK	4/93	0	24	23	1 PIE
	1S/4W	138 7	6230 Claremont Av	Oakland		8/13/1997		122251414			5/4W 135		0 OAK 0 OAK	4/93 4/93	0	24 24	23 0	1 PIE 1 PIE
	1S/4W	13C 1	62 & HILLEGASS	Oakland	PG&E	7/31/1984		122253993			S/4W 130		0 OAK	7/75	ő	81	ō	0 DES
	1S/4W	13C 2	6066 Claremont Ave	Oakland	Shell Oil Co	8/3/1992		122252630			S/4W 130		0 OAK	8/91	0	32	17	4 MON
	1S/4W	13C 3 13C 4	5929 College Ave	Oakland Oakland		8/13/1992		122252750			5/4W 13(	7604	0 OAK	7/91	0	30	18	2 MON
	1S/4W 1S/4W	13C 4 13C 5	5929 College Ave 5929 College Ave	Oakland		8/13/1992 8/13/1992		122252750			5/4W 130 5/4W 130	7605 7605	0 OAK D OAK	7/91 7/91	0	28 27	15	4 MON
	1S/4W	13C 6	6039 College Ave	Oakland		8/19/1997		122251923			5/4W 130	0	0 OAK	9/93	193	25	14 15	4 MON 2 MON
	1S/4W	13C 7	5929 College Av	Oakland		11/3/1997		122251763	37847691	1 19	5/4W 13(	0	0 OAK	Sep-93	185	28	13	2 MON
	1S/4W	13C 8	5929 College Av	Oakland		11/3/1997		122251763			5/4W 13(		0 OAK	Sep-93	185	30	0	2 MON
	1S/4W 1S/4W	13C 9 13C10	5929 College Av 6039 College Av	Oakland Oakland		11/3/1997 3/12/1998		122251763			5/4W 130		0 OAK	9/93	188	30	0	2 MON
5240;	1S/4W	13D 1	460 63RD ST	Oakland	PERALTA ELEMENTARY SCHO			122251935 122258414			5/4W 130 5/4W 130		0 OAK 0 OAK	9/93 8/74	0	25 0	14	2 MON D GEO*
	1S/4W	13D 2	6125 TELEGRAPH AVE	Oakland	ARCO PETROLEUM	7/22/1986		122260567			5/4W 13[		0 OAK	6/86	ő	30	16	2 TES
	1S/4W	13D 3	6125 TELEGRAPH AVE	Oakland		7/22/1986		122260567	37847838		5/4W 13[		0 OAK	6/86	Ó	30	15	2 TES
	1S/4W	13D 4	6125 TELEGRAPH AVE	Oakland		7/22/1986		122260567			5/4W 13E		0 OAK	6/86	0	30	16	2 TES
	15/4W 15/4W	13D 5 13D 6	6125 TELEGRAPH AVE 6125 TELEGRAPH AVE	Oakland Oakland		1/21/1987 1/21/1987		122260567 122260567			5/4W 13[ 5/4W 13[		0 OAK 0 OAK	Nov-86 Nov-86	0	30 27	16 16	4 MON 4 MON
	1S/4W	130 7	6125 TELEGRAPH AVE	Oakland	THRIFTY OIL	1/21/1987		122260567			5/4W 13[		0 OAK	Nov-86	0	27	13	4 MON 4 MON
	1S/4W	13D 8	6125 Telegraph Avenue	Oakland	Thrifty Oil Company	7/9/1990		122260567			5/4W 130	517	0 OAK	Oct-89	ō	30	15	6 MON
	1S/4W	13E 1	MARTIN & HERMANN ST	Oakland		7/31/1984		122258300			5/4W 13E		0 OAK	7/74	0	78	17 🚦	0 CAT
	1S/4W 1S/4W	13G 1 13G 1	5800 COLLEGE AVE	Berkeley	CHEVRON USA	8/28/1989		122251500	37846330		5/4W 130 5/4W 130		0 BER 0	98-luL	0	0	0	0 DES
	15/4W	13G 2	5800 COLLEGE AVE	Berkeley	CHEVRON USA	6/28/1989		122251500	37846330		5/4W 130		0 BER	Dec-88 Jul-89	0	32 0	15 0	4 MON 0 DES
	1S/4W	13G 2	000000000000000000000000000000000000000	Deriverey		0.2011000		0			5/4W 130		0	Dec-88	Ő	32	15	4 MON
	1S/4W	13G 3	5800 COLLEGE AVE	Berkeley	CHEVRON USA	6/28/1989		122251500	37846330	8 1 5	5/4W 130	2315	0 BER	Jul-89	ō	ō	0	0 DES
	1S/4W	13G 3						0			5/4W 13(		0	Dec-88	0	33	15	4 MON
	1S/4W 1S/4W	13G 4 13G 4	5800 COLLEGE AVE	Berkeley	CHEVRON USA	6/28/1989		122251500	37846330		5/4W 13( 5/4W 13(		0 BER 0	Jul-89 Dec-88	0	0 32	0 23	0 DES
	1S/4W	13G 5	5800 COLLEGE AVE	Berkeley	CHEVRON USA	6/28/1989		122251500	37846330		3/4W 130		0 BER	Jul-89	0	32	23	4 MON 0 DES
	1S/4W	13G 5		,				0	0		W4W 130		0	Dec-88	ŏ	29	23	4 MON
	1S/4W	13G 6	5776 MILES AVE	Oakland		1/22/1990		122249585			5/4W 13(		0 OAK	Apr-89	100	28	18	0 PIE
	1S/4W 1S/4W	13G 6	5800 College Avenue 5776 MILES AVE	Oakland		5/30/1990		122251500			3/4W 13(		0 OAK	Dec-89	0	17	10	4 MON
	15/4W	13G 7 13G 7	5800 College Avenue	Oakland Oakland		1/22/1990 5/30/1990		122249585 122251500			5/4W 13( 5/4W 13(		0 OAK 0 OAK	Apr-89 Dec-89	101 0	28 17	23 10	0 PIE 4 MON
	1S/4W	13G 8	5776 MILES AVE	Oakland		1/22/1990		122249585			4W 130		0 OAK	Apr-89	99	33	18	2 MON
	1S/4W	13G 8	5800 College Avenue	Oakland		1/11/1991		122251500			4W 130		0 OAK	7/90	õ	48	ō	2 MON
		13G 9	5800 College Avenue	Oakland		1/11/1991		122251500			6/4W 130		0 OAK	8/90	179	28	16	2 MON
	1S/4W 1S/4W	13G10 13H 1	5800 College Av LAWTON & MENDOCINO ST	Oakland Oakland		9/11/1997 7/31/1984		122251483 122243800			5/4W 13C 5/4W 13F		0 OAK	7/96	0	30	22	2 MON
		13H 2	5755 Broadway	Oakland		5/29/1990		122243800			6/4VV 137 6/4W 138		0 OAK 0 OAK	Dec-73 9/89	0 0	120 10	0	0 CAT 4 MON
		13H 3	5755 Broadway	Oakland		5/29/1990		122245595			4W 13F		0 OAK	9/89	ŏ	10	4	4 MON
		13H 4	5775 Broadway	Oakland		6/16/1993		122245447			%4W 13F		0 OAK	8/92	0	43	0	2 MON
		13H 5 13H 6	5775 Broadway 5775 Broadway	Oakland Oakland		6/16/1993		122245447			/4W 13F		0 OAK	8/92	0	43	41	2 MON
		13L 1	5370 SHAFTER	Oakland		6/16/1993 7/31/1984		122245447 122254421			3/4W 13F 3/4W 13L		D OAK D OAK	8/92 /00	0	38 60	27 11	2 MON 0 ABN
		13L 2	MILES AV	Oakland		7/31/1984		122244000			V4W 13L		D OAK	5/75	0	50	0	0 CAT
		13M 1	5629 VINCENTE ST	Oakland		7/31/1984		122260096	37841122	8 1S	/4W 13F		0 OAK	7	ō	75	5	8 DOM
		13M 2	CLIFTON & CLAREMONT AC			7/31/1984		122258509			/4W 13F		0 OAK	8/75	0	120	0	0 CAT
		13M 3 13M 4	5500 Telegraph Avenue 5500 Telegraph Avenue	Oakland Oakland		5/30/1990 5/30/1990		122261462 122261462			/4W 13F /4W 13F		D OAK D OAK	Nov-89 Nov-89	0	30 29	13	2 MON
		13M 5	5500 Telegraph Avenue	Oakland		5/30/1990		122261462			4W 13F		0 OAK	Nov-89	0	29	13 13	2 MON 2 MON
	1S/4W	13M 6	5427 Telegraph Av	Oakland	Telegraph Business Park	7/24/1997		122261670			4W 13F		0 OAK	Dec-93	ŏ	20	7	2 MON
		13M 7	5427 Telegraph Av	Oakland		7/24/1997		122261670			/4W 13F		0 OAK	Dec-93	0	27	15	2 MON
		13M 8 13N 1	5427 Telegraph Av 5168 SHAFTER	Oakland		7/24/1997		122261670			/4W 13!		0 OAK	Dec-93	0	20	12	2 MON
			MILES AV	Oakland Oakland		7/31/1984		122257238 122244000			/4W 131 /4W 131		0 OAK 0 OAK	? 5/75	0	85 50	9	10 ABN 0 CAT
		13N 3	5200 Telegraph Av	Oakland		******		122281683			/4W 13		0 OAK	4/94	0	30	20	2 MON
		13N 4	5200 Telegraph Av	Oakland	Autopro	*******		122261663		1 15	/4W 13)		0 OAK	4/94	ō	25	15	2 MON
		13N 5	5200 Telegraph Av	Oakland		******		122261663			/4W 13ł		0 OAK	4/94	0	25	15	2 MON
		13N 6 13Q 1	5200 Telegraph Av 5300 Broadway	Oakland Oakland		######### 7/31/1990		122281683 122249923			/4W 131 /4W 130		0 OAK 0 OAK	4/94 Apr-90	0	25 15	15	2 MON
		13Q 2	5300 Broadway	Oakland		7/31/1990		122249923			/4W 130		0 OAK 0 OAK	Apr-90 Apr-90	0	15 19	8 10	2 MON 2 MON
		13Q 3	5300 Broadway	Oakland	Unocal S/S #1028	7/31/1990		122249923			/4W 130		0 OAK	Apr-90	ŏ	20	9	2 MON
		14A 1	62ND & RACINE OAK	Oakland		7/31/1984		122261877			/4W 14/	2325	D OAK	7/77	Ó	120	0	0 CAT
		14F 1 14H 1	5829 Adeline St 5901 Shattuck Av	Oakland Oakland		8/30/1997		122273132			/4W 14F		0 OAK	7/94	0	18	5	2 MON
	1.0/ 484	1-411.1	SOUT ONBUGUE AV	Ganand	Jack La Claire & Anthony	7/17/1997		122264683	31044903	1 18	/4W 14ł	0	0 OAK	3/94	0	25	15	2 MON
																	8	

Appendix C ATTACHMONT 2

															H	
1S/4W	14H 2	5901 Shattuck Av	Oakland	Jack La Claire & Anthony	7/17/1997	122264683 3	37844983	1 1S/4V	N 14ł	0	0 OAK	3/94	0	13	D	4 MON
1S/4W	14H 3	5901 Shattuck Av	Oakland	Jack La Claire & Anthony	7/17/1997	122264683 3	37844983	1 15/4	N 14ł	0	D OAK	3/94	ō	13	0	4 MON
1S/4W	14J 1	5427 TELEGRAPH	Oakland	MARSHALL STEEL CO.	7/31/1984	122261687 3	37839904	2 1S/4V	N 14.	2326	D OAK	?	0	40	D	8 IND
1S/4W	14K 1	5425 Martin Luther King	Oakland	BP Oil Company	3/12/1991	122269194 3		8 1S/4V		1199	0 OAK	Oct-90	17	23	15 🛛	2 MON
1S/4W	14K 2	5425 Martin Luther King	Oakland	8P Oil Company	3/12/1991	122269194 3		8 1S/4V		1200	0 OAK	Oct-90	83	28	11 📓	4 MON
1S/4W	14K 3	5509 Martin Luther King	Oakland	Chevron Oil MW-7	######################################	122269202 3		1 1S/4V		0	0 OAK	2/94	86	20	11 🔡	2 MON
1S/4W 1S/4W	14K 4	5509 Martin Luther King	Oakland	Chevron Oil MW-8	****	122269202 3		1 1S/4V		0	0 OAK	2/94	86	20	11 📓	2 MON
18/4W 1S/4W	14K 5 14K 6	5714 Martin Luther King J	Oakland	City of Oakland	7/24/1997	122269519 3		1 1S/4V		0	0 OAK	2/94	0	16	7	2 MON
94208 1S/4W	14K 0	5714 Martin Luther King J 5714 Martin Luther King J	Oakland Oakland	City of Oakland City of Oakland	7/24/1997 7/24/1997	122269519 3 122269519 3		1 1S/4V 1 1S/4V		0	0 OAK 0 OAK	2/94	0	16	7	2 MON
94208 1S/4W	14K 8	5714 Martin Luther King 5	Oakland	City of Oakland	2/24/1998	122269519 3		1 1S/4V		0	0 OAK	2/94 2/94	0	15	9	2 MON
94208 1S/4W	14K 9	5714 Martin Luther King	Oakland	City of Oakland	2/24/1998	122269506 3		1 1S/4V		0	0 OAK	2/94	0	16 16	13 11	2 MON 2 MON
1S/4W	14L 1	5702 ADELINE ST		HUGAST SANTOS	7/31/1984	122273831 3		0 15/4		2327	0 OAK	8/77	0 0	92	12	8 IND
15/4W	14N 1	1056 48th St.		City of Emmeryville MW-1	7/22/1993	122278588 3		1 15/4		0	0 EME	Oct-92	ŏ	28	0	2 DES
1S/4W	14N 2	1056 48th St.		City of Emmeryville MW-2	7/22/1993	122278588 3		1 1S/4V		ō	0 EME	Oct-92	ŏ	28	ō	2 DES
1S/4W	14N 3	1056 48th St.		City of Emmeryville MW-3	7/22/1993	122278588 3		1 1S/4V		0	0 EME	Oct-92	ō	28	o la	2 DES
1S/4W	14P 1	MARKET & 52 ST	Oakland	PG&E	7/31/1984	122274400 3	37826400	2 1S/4V	V 14F	2328	0 OAK	4/74	0	120	8	0 CAT
1S/4W	14P 2	5509 Martin Luther King	Oakland	Chevron USA	1/15/1991	122273491 3		8 1S/4V		935	0 OAK	5/90	110	0	0	0 BOR
1S/4W	14P 3	5509 Martin Luther King		Chevron USA	1/15/1991	122273491 3		8 1S/4V		936	0 OAK	Oct-90	0	25	14 🖁	2 MON
1S/4W	14P 4	5509 Martin Luther King	Oakland	Chevron USA	1/15/1991	122273491 3		8 1S/4V		937	D OAK	Oct-90	0	20	11	2 MON
1S/4W	14Q 1	5425 Martin Luther Kg Jr	Oakland	BP Oil Co. MW-3	7/22/1993	122268989 3		1 1S/4V		0	D OAK	Oct-92	85	25	13	2 MON
15/4W 15/4W	14Q 2 14R	5425 Martin Luther Kg Jr		BP Oil Co. MW-4 CHILDREN'S HOSPITAL M. C.	7/22/1993	122268989 3		1 1S/4V		0	0 OAK	Od-92	83	25	13	2 MON
15/4W	14R	51ST/M L KING JR WAY SHATTUCK AVE/49TH ST	Oakland Oakland	OAKLAND SHOPPING CENTER	3/29/1988	122267101 3		8 1S/4V 2 1S/4V		6540 6539	0 OAK 0 OAK	Dec-87	94	51	19	0 BOR
15/4W	14R	Telegraph Ave && 51st St	Oakland	Berkeley Farms	1/13/1994	122263750 3		2 15/4V 1 1S/4V		6539 0	D OAK	Apr-87 7/93	0	40 17	22	0 BOR
1S/4W	14R 1	51 GROVE	Oakland	CHILDREN'S HOSP.	7/31/1984	122281334 3		2 15/40		2329	0 OAK	Nov-73	D	17	15 0	4 BOR* 0 GEO
18/4W	14R 2	51ST/TELEGRAPH AVE	Oakland		3/29/1988	122261334 3		8 1S/4V		2329	0 OAK	Apr-87	ŏ	31	17	2 MON
15/4W	14R 3	51ST/TELEGRAPH AVE	Oakland		3/29/1988	122261900 3		8 1S/4V		2331	0 OAK	Apr-87	Ď	36	16	2 MON
1S/4W	14R 4	5101 Telegraph Ave.	Oakland	Chevron	3/12/1991	122261900 3		0 15/41		1194	0 OAK	9/90	Č	24	11	2 MON
1S/4W	14R 5	5101 Telegraph Ave.		Chevron	3/12/1991	122261900 3		0 15/4		1195	0 OAK	Nov-90	ō	30	19	2 MON
1S/4W	14R 6	5101 Telegraph Ave.	Oakland	Chevron	3/12/1991	122261900 3		0 1S/4V		1196	0 OAK	Nov-90	ō	30	15	2 MON
1S/4W	14R 7	5101 Telegraph Ave.	Oakland	Chevron	3/12/1991	122261900 3		0 1S/4V		1197	0 OAK	Nov-90	Ó	30	17	2 MON
1S/4W	14R 8	Telegraph Ave && 51st Si	Oakland	Berkeley Farm Land Co MW1	3/9/1992	122262110 3		1 1S/4V		7348	0 OAK	Nov-91	0	25	19 \iint	2 MON
1S/4W	14R 9	Telegraph Ave && 51st Si	Oakland	Berkeley Farm Land Co MW2	3/9/1992	122262093 3		1 1S/4V		7349	0 OAK	Nov-91	o	25	21	2 MON
1S/4W	14R10	Telegraph Ave && 51st St	Oakland	Berkeley Farm Land Co MW3	3/9/1992	122283129 3		1 15/41		7350	0 OAK	Nov-91	0	30	25	2 MON
1S/4W	14R11	Telegraph Ave && 51st St	Oakland	Berkeley Farm Land Co MW4	3/9/1992	122262888 3		1 1S/4V		7351	0 OAK	Nov-91	0	30	21	2 MON
1S/4W	14R12	Telegraph Ave && 51st St	Oakland	Berkeley Farm Land Co MW5	3/9/1992	122263317 3		1 1S/4V		7352	0 OAK	Nov-91	0	30	20	2 MON
1S/4W 1S/4W	14R13 14R14	747 52nd St 5134 Shottuck Aug	Oakland Oakland	Children's Hospital ARCO Prod Co MW-1	9/26/1992	122266198 3		1 15/44		8108	0 OAK	Dec-91	0	130	21	7 IRR
15/4W	14R15	5131 Shattuck Ave 5131 Shattuck Ave		ARCO Prod Co MW-1 ARCO Products Co. MW-2	9/30/1992 9/30/1992	122263761 3 122263788 3		1 1S/4V 1 1S/4V		8168 8169	0 OAK 0 OAK	Dec-91 Dec-91	0	29	18	4 MON
1S/4W	14R16	5131 Shattuck Ave		ARCO Products Co. MW-3	9/30/1992	122263788 3		1 15/40		8170	0 OAK	Dec-91	Ö	32 29	18 18	4 MON 4 MON
1S/4W	14R17	5131 Shattuck Ave		ARCO Products Co. MW-4	7/26/1993	122263792 3		1 1S/4V		0	0 OAK	Oct-92	ŏ	27	17	4 TES
1S/4W	14R18	5131 Shattuck Ave	Oakland	ARCO Products Co. MW-5	7/26/1993	122263792 3		1 15/41		ŏ	DOAK	Oct-92	ŏ	25	18	4 TES
1S/4W	14R19	5131 Shattuck Ave	Oakland	ARCO Products Co. MW-6	7/26/1993	122263792 3		1 1S/4V		D	D OAK	Oct-92	õ	27	18	4 TES
1S/4W	14R20	5131 Shattuck Ave	Oakland	ARCO Products Co. MW-7	7/26/1993	122263792 3		1 1S/4V	V 14F	0	0 OAK	Oct-92	Ō	27	18	4 TES
1S/4W	14R21	5101 Telegraph Ave.	Oakland	Chevron MW1	1/13/1994	122261883 3	7837575	1 1S/4V	V 14F	٥	0 OAK	9/93	0	25	0	2 MON
15/4W	14R22	5101 Telegraph Ave.	Oakland	Chevron MW2	1/13/1994	122261883 3		1 1S/4V		0	0 OAK	9/93	0	25	0	2 MON
1S/4W	14R23	5101 Telegraph Ave.		Chevron MW3	1/13/1994	122261883 3		1 1S/4V		0	0 OAK	9/93	0	27	0	2 MON
1S/4W	14R24	5101 Telegraph Ave.		Chevron MW4	1/13/1994	122261883 3		1 1S/4V		0	0 OAK	9/93	D	22	0	2 MON
15/4W 1S/4W	14R25 14R26	5101 Telegraph Ave.		Chevron MW5	1/13/1994	122261883 3		1 1S/4V		0	0 OAK	9/93	0	22	0	2 MON
15/4W	14R20	5131 Shattuck Av 5131 Shattuck Av		Arco Products Co	7/24/1997 7/24/1997	122263701 3		1 1S/4V		0 0	0 OAK	6/93	0	24	18	4 EXT
1S/4W	14R28	5131 Shattuck Av		Arco Products Co Arco Products Co	7/24/1997	122263701 3 122263701 3		1 1S/4V 1 1S/4V		0	0 OAK 0 OAK	6/93 6/93	0	27 24	0 19	4 EXT
10,410	141(20	STST Shallos AV	Qakang	Alto Plotada Co	1724/1881	(22203/0) 3	1037743	1 10/44	4 1-47	ů.	U OAK	0/93	U	24	a la	4 EXT
1S/4W	22A 1	45TH ST/SAN PABLO AVE	Emervville	A/C TRANSIT	3/6/1987	122280370 3	7834688	8 1S/4V	V 224	2347	0 EME	Jan-87	a	18	7	2 MON
1S/4W	22A 2	4343 San Pabio Av			7/16/1997	122280270 3		1 1S/4V		0	0 EME	6/95	a	17	7	4 MON
1S/4W	22A 3	4343 San Pablo Av			7/16/1997	122280270 3		1 1S/4V		õ	0 EME	6/95	õ	15	10	4 MON
1S/4W	22A 4	4343 San Pablo Av			7/16/1997	122280270 3		1 1S/4V		Ō	0 EME	6/95	ō	15	8	4 MON
1S/4W	22A 5	4343 San Pablo Av	Emeryville	City of Emeryville Redev	7/16/1997	122280270 3	7834128	1 1S/4V	V 22/	0	0 EME	6/95	0	15	8	4 MON
1S/4W	22A 6	4331 San Pablo Av	Emeryville	City of Emeryville	7/16/1997	122280145 3	7833776	1 1S/4V	V 22/	0	0 EME	2/95	Ó	24	14	2 MON
1S/4W	22A 7	4300 San Pablo Av		Emeryville Redevelopment	7/24/1997	122279799 3		1 1S/4V		0	O EME	3/94	0	15	8	2 MON
1S/4W	22A 8	1150 Park Av			8/17/1997	122280719 3		1 1S/4V		0	0 EME	3/94	39	17	7 🦉	2 MON
1S/4W 1S/4W	22A 9	1150 Park Av			9/17/1997	122280719 3		1 1S/4V		0	0 EME	3/94	39	12	8	2 MON
15/4W 15/4W	22A10 22A11	1150 Park Av			9/17/1997	122280719 3		1 1S/4V		0	0 EME	3/94	41	22 20	18	2 MON
15/4W	22A11 22A12	1150 Park Av 1150 Park Av			9/17/1997 9/17/1997	122280719 3		1 15/47		0	0 EME	3/94	41	20	18	2 MON
15/4W	22A12 22A13	1150 Park Av			9/17/1997	122280719 3 122280719 3		1 1S/4V 1 1S/4V		U D	0 EME D EME	3/94 3/94	37 36	17	14	2 MON
1S/4W	22A13	1150 Park Av			9/17/1997	122280719 3		1 1S/4V		Ď	0 EME	3/94	36	16 17	14 14	2 MON 2 MON
15/4W	22A15	1150 Park Av			9/17/1997	122280719 3		1 1S/4V		D D	0 EME	3/94	33	19	14	2 MON
1S/4W	22A16	1150 Park Av			9/17/1997	122280719 3		1 1S/4V		ŏ	0 EME	3/94	36	17	17	2 MON
94653 1S/4W	22A17	1150 Park Av		New Century Beverage Co	##########	122280718 3		1 1S/4V		ŏ	DEME	Oct-94	0	17	15	4 MON
94653 1S/4W	22A18	1150 Park Av		New Century Beverage Co	*****	122280718 3		1 15/41		D	0 EME	Oc1-94	ŏ	18	11	4 MON
94653 1S/4W	22A19	1150 Park Av	Emeryville	New Century Beverage Co	######################################	122280718 3	7832519	1 1S/4V	V 22/	0	0 EME	Oct-94	ō	17	14	2 MON
94653 1S/4W	22A20	1150 Park Av	Emeryville	New Century Beverage Co	******	122280718 3	7832519	1 1S/4V	V 22/	0	0 EME	2/95	Ó	15	15	2 MON
															10	

												100 million	
95412 1S/4W	22A21	1250 Park Ave	Emeryville Del Monte	2/17/1998	122282925 37832003	1 1S/4W 22/	0	0 EME	Oct-95	0	25	5	2 MON
95371 1S/4W	22A22	1150 Park Av	Emeryville New Century Beverage Co.	2/24/1998	122280718 37832519	1 1S/4W 22/	D	0 EME	6/95	ō	19	17	2 MON
97WR214 1S/4W	22A23	4575 San Pablo Av	Emeryville Berkeley Farms	7/21/1998	122280581 37835222	1 1S/4W 22/	0	0 EME	2/98	0	17	5	2 MON
97WR214 1S/4W	22A24	4575 San Pablo Av	Emeryville Berkeley Farms	7/21/1998	122280581 37835222	1 1S/4W 22/	D	0 EME	2/98	0	17	4 🛙	2 MON
97WR214 1S/4W	22A25	4575 San Pablo Av	Emeryville Berkeley Farms	7/21/1998	122280581 37835222	1 1S/4W 22/	D	0 EME	2/98	0	17	5	2 MON
1S/4W 1S/4W	22B 1 22B 2	4520 HORTON 4520 HORTON ST	Emeryville CITY OF EMERYVILLE Emeryville CITY OF EMERYVILLE	2/23/1988 6/3/1988	122288102 37833833 122288102 37833833	2 1S/4W 22E	2348	0 EME	7/87	0	26	11	2 DES
15/4W	22B 3	1401 45TH ST.	Emeryville 45TH ST. ARTISTS CO-OP	6/21/1989	122286848 37832772	0 1S/4W 22E 0 1S/4W 22E	2349 2350	0 EME 0 EME	Dec-87 Nov-88	0	24 25	10 8	2 DES 2 MON
1S/4W	228 3	1401 45th St.	Emeryville 45th St. Artist Coop.	4/8/1993	122286848 37832772	1 1S/4W 22I	8366	0 EME	Dec-92	D D	25	å	0 DES
1S/4W	22B 4	1450 Sherwin Av	Emeryville Sherwin-Williams	7/17/1997	122288211 37832145	1 1S/4W 22	0	0 EME	1/96	ŏ	19	10	2 MON
1S/4W	22B 5	1450 Sherwin Av	Emeryville Sherwin-Williams	7/17/1997	122288211 37832145	1 1S/4W 22I	ō	0 EME	4/96	õ	18	10	2 MON
1S/4W	228 6	1450 Sherwin Av	Emeryville Sherwin-Williams	7/17/1997	122288211 37832145	1 1S/4W 22E	0	0 EME	2/96	0	39	8	2 MON
1S/4W	228 7	1450 Sherwin Av	Emeryville Sherwin-Williams	7/17/1997	122288211 37832145	1 1S/4W 22E	0	0 EME	4/96	0	17	10	2 MON
1S/4W	228 8	1450 Sherwin Av	Emeryville Sherwin-Williams	7/17/1997	122288211 37832145	1 1S/4W 228	0	0 EME	4/96	0	16	9	2 MON
1S/4W	228 9	1450 Sherwin Av	Emeryville Sherwin-Williams	7/17/1997	122288211 37832145	1 1S/4W 228	0	0 EME	2/96	a	15	4個	2 MON
1S/4W 1S/4W	22810 22811	1450 Sherwin Av	Emeryville Sherwin-Williams	7/17/1997	122288211 37832145	1 1S/4W 228	0	0 EME	2/96	0	18	10	2 MON
15/4W	22B11 22B12	1450 Sherwin Av 1450 Sherwin Av	Emeryville Sherwin-Williams Emeryville Sherwin-Williams	7/17/1997 7/17/1997	122288211 37832145 122288211 37832145	1 1S/4W 228 1 1S/4W 228	0	0 EME 0 EME	1/96 2/96	0	22	9	2 MON
1S/4W	22B12	1450 Sherwin Av	Emeryville Sherwin-Williams	7/17/1997	122266211 37632145	1 15/4W 22t	0	0 EME	2/96	0	19 14	8 8	2 MON
1S/4W	22B14	1450 Sherwin Av	Emeryville Sherwin-Williams	7/17/1997	122288211 37832145	1 1S/4W 22E	ŏ	0 EME	2/96	0	44	12	2 MON 2 MON
1S/4W	22B15	1450 Sherwin Av	Emeryville Sherwin-Williams	7/17/1997	122288211 37832145	1 1S/4W 22E	ŏ	0 EME	1/96	ŏ	22	18	2 MON
1S/4W	22B16	4525-4563 Horton St	Emeryville The Sherwin-Williams Comp	7/24/1997	122288327 37833917	1 1S/4W 22E	ŏ	0 EME	7/94	ŏ	15	11	2 MON
1S/4W	22B17	4525-4563 Horton St	Emeryville The Sherwin-Williams Comp	7/24/1997	122288327 37833917	1 1S/4W 22E	0	0 EME	7/94	ō	13	9	2 MON
1S/4W	22B18	4525-4563 Horton St	Emeryville The Sherwin-Williams Comp	7/24/1997	122288327 37833917	1 1S/4W 22E	0	0 EME	7/94	0	17	8	2 MON
1S/4W	22B19	4525-4563 Horton St	Emeryville The Sherwin-Williams Comp	7/24/1997	122288327 37833917	1 1S/4W 22E	D	0 EME	7/94	0	17	12	2 MON
1S/4W	22B20	4525-4563 Horton St	Emeryville The Sherwin-Williams Comp	7/24/1997	122288327 37833917	1 1S/4W 22E	0	0 EME	7/94	D	15	9 🛛	2 MON
94145 1S/4W	22821	4525 Hollis St	Emeryville Pacific Gas & Electric, C	8/13/1997	122285956 37833824	1 15/4W 22I	٥	0 EME	3/94	0	32	19	2 MON
94145 1S/4W 94145 1S/4W	22822 22823	4525 Hollis St	Emeryville Pacific Gas & Electric, C	8/13/1997	122285958 37833624	1 1S/4W 22E	0	0 EME	3/94	0	35	21	2 MON
94145 15/4W	22823	4525 Hollis St 4525 Hollis St	Emeryville Pacific Gas & Electric, C Emeryville Pacific Gas & Electric, C	8/13/1997 8/13/1997	122285956 37833624 122285956 37833624	1 1\$/4W 22E 1 1\$/4W 22E	0	0 EME	3/94 3/94	0	32	21	2 MON
18/4W	22824	4525-4563 Horton St	Emeryville Frank Satterwhite, Receiv	8/13/1997	122288327 37833917	1 1S/4W 220	0	0 EME 0 EME		0	32 20	21 8	2 MON
1S/4W	22826	4525-4563 Horton St	Emeryville Frank Satterwhite, Receiv	8/13/1997	122288327 37833917	1 1S/4W 228	ő	0 EME	Dec-94 Dec-94	a	17	9	2 MON 2 MON
1S/4W	22827	4525-4563 Horton St	Emeryville Frank Satterwhite, Receiv	8/13/1997	122288327 37833917	1 1S/4W 228	ŏ	0 EME	Dec-94	å	17	88	2 MON
94117 1S/4W	22828	4204 Hollis St	Emeryville Del Monte USA	######################################	122285201 37831705	1 1S/4W 228	Ó	0 EME	2/94	ō	21	12	2 MON
95425 1S/4W	22829	1450 Sherwin Ave	Emeryville The Sherwin-Williams Comp	2/17/1998	122288209 37832112	1 1S/4W 22E	0	0 EME	7/95	Ō	20	0	6 EXT
95425 1S/4W	22830	1450 Sherwin Ave	Emeryville The Sherwin-Williams Comp	2/17/1998	122288209 37832112	1 1S/4W 22E	0	0 EME	7/95	0	19	4 🛛	6 EXT
95425 1S/4W	22B31	1450 Sherwin Ave	Emeryville The Sherwin-Williams Comp	2/17/1998	122288209 37832112	1 1S/4W 22E	0	0 EME	7/95	0	20	5	6 EXT
97WR243 1S/4W	22832	Horton St (Bet. 45th and	Emeryville Sherwin Williams	9/29/1998	122288190 37833875	1 1S/4W 22E	0	0 EME	Dec-97	0	18	8	1 MON
97WR243 1S/4W 97WR243 1S/4W	22B33 22B34	Horton St (Bet. 45th and Horton St (Bet. 45th and	Emeryville Sherwin Williams Emeryville Sherwin Williams	9/29/1998 9/29/1998	122288190 37833875 122288190 37833875	1 1S/4W 22E	0	0 EME	Dec-97	0	18	8	1 MON
97WR243 15/4W	22B34	Horton St (Bet, 45th and	Emeryville Sherwin Williams	9/29/1998	122288190 37833875	1 1S/4W 22E 1 1S/4W 22E	0	0 EME 0 EME	Dec-97	0	19	7	1 MON
97WR190 1S/4W	22B36	1450 Sherwin Av	Emeryville Sherwin-Williams	*****	122288209 37832138	1 1S/4W 22E	0 D	0 EME	Dec-97 Nov-97	ŏ	19 20	0	1 MON 1 MON
97WR190 15/4W	22B37	1450 Sherwin Av	Emeryville Sherwin-Williams	******	122288209 37832138	1 1S/4W 22E	Č	0 EME	Oct-97	Ď	23	0	1 MON
97WR190 1\$/4W	22B38	1450 Sherwin Av	Emeryville Sherwin-Williams	<i>*######</i>	122288209 37832138	1 1S/4W 22E	ō	0 EME	Ocl-97	ō	23	ŏ	1 MON
97WR190 15/4W	22B39	1450 Sherwin Av	Emeryville Sherwin-Williams	*******	122268209 37832138	1 1S/4W 22E	Ó	0 EME	Oct-97	ō	23	ō	1 MON
97WR190 1S/4W	22840	1450 Sherwin Av	Emeryville Sherwin-Williams	######################################	122288209 37832138	1 1S/4W 22I	0	0 EME	Oct-97	D	23	o 🛛	1 MON
97WR190 1S/4W	22B41	1450 Sherwin Ave	Emeryville Sherwin-Williams	1/4/1999	122288209 37832138	1 15/4W 22E	0	0 EME	Oct-97	0	23	o	1 MON
97WR190 1S/4W	22842	1450 Sherwin Ave	Emeryville Sherwin-Williams	1/4/1999	122288178 37832112	1 15/4W 22E	0	0 EME	Oct-97	0	23	0	1 MON
97WR190 1S/4W 97WR190 1S/4W	22843 22844	1450 Sherwin Ave 1450 Sherwin Ave	Emeryville Sherwin-Williams Emeryville Sherwin-Williams	1/4/1999 1/4/1999	122288176 37832112	1 1S/4W 22E	0	0 EME	Oct-97	0	23	0 []	1 MON
97WR190 1S/4W	22845	1450 Sherwin Ave	Emeryville Sherwin-Williams	1/4/1999	122288176 37832112 122288176 37832112	1 1S/4W 22E 1 1S/4W 22E	0 0	0 EME 0 EME	Oct-97	0	20	0	1 MON
97WR190 1S/4W	22846	1450 Sherwin Ave	Emeryville Sherwin-Williams	1/4/1999	122288176 37832112	1 1S/4W 22E	0	0 EME	Oct-97 Oct-97	0	20 20	0 0	1 MON 1 MON
97WR190 1S/4W	22847	1450 Sherwin Ave	Emeryville Sherwin-Williams	1/4/1999	122288176 37832112	1 1S/4W 228	ŏ	0 EME	Oct-97	ŏ	19	ŏŇ	1 MON
97WR190 1S/4W	22B48	1450 Sherwin Ave	Emeryville Sherwin-Williams	1/4/1999	122288176 37832112	1 1S/4W 228	ō	0 EME	Oct-97	ă	20	ō	1 MON
97WR190 1S/4W	22B49	1450 Sherwin Ave	Emeryville Sherwin-Williams	1/4/1999	122288176 37832112	1 1S/4W 228	0	0 EME	Oct-97	0	19	o	1 MON
97WR190 1S/4W	22B50	1450 Sherwin Ave	Emeryville Sherwin-Williams	1/4/1999	122288176 37832112	1 1S/4W 22E	0	0 EME	Oct-97	0	16	o []	1 MON
97WR190 1S/4W	22B51	1450 Sherwin Ave	Emeryville Sherwin-Williams	1/4/1999	122288176 37832112	1 1S/4W 22E	0	0 EME	Nov-97	0	17	0	1 MON
97WR190 15/4W	22B52	1450 Sherwin Ave	Emeryville Sherwin-Williams	1/4/1999	122288176 37832112	1 1S/4W 22E	0	0 EME	Nov-97	0	17	0	1 MON
97WR190 1S/4W 97WR190 1S/4W	22B53 22B54	1450 Sherwin Ave 1450 Sherwin Ave	Emeryville Sherwin-Williams Emeryville Sherwin-Williams	1/4/1999	122288176 37832112	1 1S/4W 22E	0	0 EME	Nov-97	0	19	0	1 MON
97WR190 1S/4W	22B55	1450 Sherwin Ave	Emeryville Sherwin-Williams	1/4/1999 1/4/1999	122288176 37832112 122288176 37832112	1 1S/4W 22E 1 1S/4W 22E	0	0 EME 0 EME	Nov-97 Nov-97	0	19 22	0	1 MON 1 MON
1S/4W	22C 1	4500 Shellmound St.	Emeryville Myers Container Corp.	2/27/1991	122291931 37833224	0 1S/4W 22(	1006	0 EME	Oct-90	0	16	8	2 TES
1S/4W	22C 2	4500 Shellmound St.	Emeryville Myers Container Corp.	2/27/1991	122291931 37833224	0 15/4W 220	1007	0 EME	Oct-90	ŏ	11	5 10	2 TES
1S/4W	22C 3	4500 Shellmound St.	Emeryville Myers Container Corp.	2/27/1991	122291931 37833224	0 1S/4W 22(	1008	0 EME	Oct-90	ŏ	8	6	2 TES
1S/4W	22C 4	4500 Shellmound St.	Emeryville Myers Container Corp.	3/12/1991	122291931 37833224	0 1S/4W 22(	1009	0 EME	Oct-90	ō	10	3	2 TES
1S/4W	22C 5	4500 Shelimound St.	Emeryville Myers Container Corp.	2/27/1991	122291931 37833224	0 1S/4W 220	1010	0 EME	Oct-90	0	10	2	2 TES
15/4W	22C 6	4500 Shelimound St.	Emeryville Myers Container Corp.	2/27/1991	122291931 37833224	0 1S/4W 220	1011	0 EME	Oct-90	0	10	5	2 TES
18/4W 1S/4W	22C 7 22C 8	4500 Shellmound St 4500 Shellmound St	Emeryville Myers Container Corp	6/4/1992	122291931 37833224	1 1S/4W 220	7467	0 EME	Oct-91	8	12	5	2 MON
1S/4W 1S/4W	22C 8 22C 9	4500 Shellmound St 4500 Shellmound St	Emeryville Myers Container Corp Emeryville Myers Container Corp	6/4/1992 6/4/1992	122291931 37833224 122291931 37833224	1 1S/4W 22( 1 1S/4W 22(	7468 7469	0 EME 0 EME	Oct-91	11	10	6	2 MON
1S/4W	22C10	4500 Shellmound St	Emeryville Myers Container Corp	6/4/1992	122291931 37833224	1 1S/4W 220	7469	0 ÉMÉ	Oct-91 Oct-91	9 13	12 10	6 8	2 MON 2 MON
15/4W	22C11	4500 Shellmound St	Emeryville Myers Container Corp	6/4/1992	122291931 37833224	1 1S/4W 220	7470	0 EME	Oct-91	13	12	5	2 MON
1S/4W	22C12	4500 Shellmound St	Emeryville Myers Container Corp	6/4/1992	122291931 37833224	1 1S/4W 220	7473	0 EME	Oct-91	10	9	3	2 MON
1S/4W	22C13	4500 Shellmound St	Emeryville Myers Container Corp	6/4/1992	122291931 37833224	1 1S/4W 220	7474	0 EME	Oct-91	8	10 <sup>°</sup>	4	2 MON
												200	

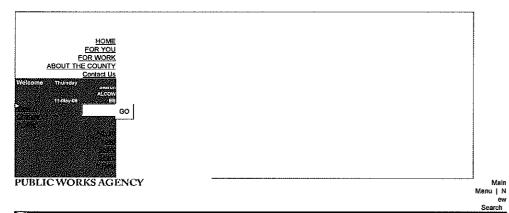
1S/4W	22C14	North Interceptor	Emeryville East Bay Municipal Utilit	8/4/1997	122292797 37832167	1 1S/4W 220	0	0 EME	2/95	0	12	8	2 MON
1S/4W	22C15	North interceptor	Emeryville East Bay Municipal Utilit	8/4/1997	122292491 37832784	1 1S/4W 220	Ō	0 EME	2/95	õ	13	7個	2 MON
1S/4W	22C16	North Interceptor	Emeryville East Bay Municipal Utilit	8/4/1997	122292865 37833644	1 1S/4W 220	D	0 EME	2/95	0	15	5	2 MON
1S/4W 1S/4W	22C17 22C18	4560 Horton St 4560 Horton St	Emeryville Chiron Corp	8/13/1997	122288655 37835312	1 1S/4W 220	0	0 EME	8/94	0	20	13	4 MON
15/4W	22010	4560 Horton St	Emeryville Chiron Corp Emeryville Chiron Corp	8/13/1997 8/13/1997	122288655 37835312 122288655 37835312	1 1S/4W 22( 1 1S/4W 22(	Û	0 EME 0 EME	8/94 8/94	0	24 20	8 10	4 MON 4 MON
1S/4W	22C20	4550 Horton St	Emeryville Chiron Corp	8/13/1997	122288655 37835312	1 1S/4W 220	0	0 EME	8/94	0 0	20	12	4 MON
15/4W	22C21	4500 Shelimound St	Emeryville Myers Container Corp	8/21/1997	122291914 37833224	1 15/4W 220	ŏ	0 EME	7/93	ŏ	28	21	2 MON
1S/4W	22C22	4500 Shellmound	Emeryville Myers	8/21/1997	122291914 37833224	1 1S/4W 220	Ó	0 EME	5/93	Ō	10	3	2 MON
1S/4W	22C23	4500 Shelimound	Emeryville Myers	8/21/1997	122291914 37833224	1 1S/4W 220	0	0 EME	5/93	٥	24	4	2 MON
1S/4W 1S/4W	22024	4500 Shellmound	Emeryville Myers	8/21/1997	122291914 37833224	1 1S/4W 220	0	0 EME	5/93	0	11	4	2 MON
1S/4W	22C25 22D 1	4500 Shelimound Approx 900 Ft of Powell S	Emeryville Myers Emeryville Powell Street Plaza	8/21/1997 8/4/1997	122291914 37833224 122294317 37835121	1 1S/4W 22( 1 1S/4W 22[	0	0 EME 0 EME	5/93 9/94	0	12 20	5	2 MON
1S/4W	220 2	North Interceptor	Emeryville East Bay Municipal Utilit	8/4/1997	122294317 37832623	1 1S/4W 220	0	0 EME	9/94 2/95	0	13	8	2 MON 2 MON
1S/4W	22D 3	North Interceptor	Emeryville East Bay Municipal Utilit	8/4/1997	122293103 37833053	1 1S/4W 220	ŏ	0 EME	2/95	ő	13	8	2 MON
1S/4W	22D 4	North Interceptor	Emeryville East Bay Municipal Utilit	8/4/1997	122293137 37833429	1 1S/4W 22L	ō	0 EME	2/95	ā	13	8	2 MON
1S/4W	22D 5	North Interceptor	Emeryville East Bay Municipal Utilit	8/4/1997	122294055 37835604	1 1S/4W 22I	0	0 EME	2/95	0	14	0	2 MON
1S/4W	22F 1	4200 PARK AV	Oakland JUDSON PACIFIC MURPHY	7/31/1984	122290406 37830570	8 1S/4W 22F	2351	0 OAK	7	0	487	0	0 IRR
1S/4W 1S/4W	22F 2 22G 1	1550 Park Av 1250 PARK AVE	Emeryville Pellegrini Restaurant Equ Emeryville DEL MONTE CORP	9/17/1997 1/11/1990	122289533 37830700 122282943 37832012	1 1S/4W 22F 0 1S/4W 220	0	0 EME	6/94	0	13	4	2 MON
1S/4W	22G 2	1250 PARK AVE	Emeryville DEL MONTE CORP.	1/11/1990	122282943 37832012	0 1S/4W 220	2352 2353	0 EME 0 EME	May-89 May-89	0	25 25	13 9	2 TES 2 TES
1S/4W	22G 3	1250 PARK AVE	Emeryville DEL MONTE CORP.	1/11/1990	122282943 37832012	0 1S/4W 220	2354	0 EME	Jul-89	ŏ	20	8	2 MON
1S/4W	22G 4	1250 PARK AVE	Emeryville DEL MONTE CORP.	1/11/1990	122282843 37832012	0 1S/4W 220	2355	0 EME	Jul-89	ō	20	8	2 MON
1S/4W	22G 5	1250 PARK AVE	Emeryville DEL MONTE CORP.	1/11/1990	122282943 37832012	0 1S/4W 22(	2356	0 EME	Jul-89	0	20	8	2 MON
1S/4W 1S/4W	22G 6 22G 7	1333 Park	Emeryville City of Emeryville	6/3/1992	122284698 37831204	1 1S/4W 22(	7383	0 EME	3/92	0	20	6	2 MON
15/4W	22G 8	1333 Park 1333 Park	Emeryville City of Emeryville	6/3/1992 6/3/1992	122284698 37831204	1 1S/4W 220	7384	0 EME	3/92	0	20	7	2 MON
1S/4W	22G 9	Hollis / Yerba Buena	Emeryville City of Emeryville Oakland Catellus Development LF21	10/3/1992	122284698 37831204 122284300 37829000	1 1S/4W 22( 1 1S/4W 22(	7385 8359	0 EME 0 OAK	3/92 7/91	0	21 43	6 33	2 MON 4 MON
15/4W	22G10	Hollis / Yerba Buena	Oakland Catellus Development LF22	10/3/1992	122284300 37829000	1 1S/4W 22(	8360	0 OAK	7/91	ő	43 20	12	4 MON
1S/4W	22G11	4001 Holiis St.	Emeryville Catellus Development LF32	7/13/1993	122284419 37829100	1 1S/4W 22(	0	0 EME	5/93	ō	18	7	2 MON
1S/4W	22G12	4015 Hollis St.	Emeryville Catellus Devleopment LF31	7/16/1993	122284246 37829150	1 1S/4W 220	Ó	0 EME	2/93	Ō	20	5	4 MON
1S/4W	22G13	4030 Hollis St.	Emeryville Catellus Development LF29	7/23/1993	122284297 37829283	1 1S/4W 22(	0	0 EME	Oct-92	0	20	14	2 MON
1S/4W 1S/4W	22G14 22G15	4030 Hollis St. Hollis / Yerba Buena	Emeryville Catellus Development LF30	7/23/1993	122284297 37829283	1 1S/4W 220	0	0 EME	Oct-92	0	20	16	2 MON
15/4W	22G15 22G16	4001 Hollis SI.	Oakland Catellus Development LF23 Emeryville Catellus Development LF11R	1/7/1994 1/18/1994	122284327 37828979 122284392 37829014	1 1S/4W 220 1 1S/4W 220	0	0 ALA 0 EME	1/94 7/93	0	20 20	10 14	4 MON
1S/4W	22G17	1400 Park Av	Emeryville Emeryville Properties	7/16/1997	122286352 37831288	1 1S/4W 220	ō	0 EME	Dec-94	0	20	14	2 MON 2 MON
1S/4W	22G18	1400 Park Av	Emeryville Emeryville Properties	7/16/1997	122286352 37831268	1 1S/4W 220	õ	0 EME	Dec-94	ŏ	23	5	2 MON
1S/4W	22G19	1400 Park Av	Emeryville Emeryville Properties	7/18/1997	122286352 37831268	1 1S/4W 220	0	0 EME	Dec-94	ō	23	15	2 MON
1S/4W	22G20	1400 Park Av	Emeryville Emeryville Properties	8/22/1997	122286352 37831268	1 1S/4W 220	0	0 EME	Dec-96	0	20	4	2 MON
94551 1S/4W 94551 1S/4W	22G21 22G22	Park Av Holden St	Emeryville Del Monte USA	######################################	122285820 37831278	1 1S/4W 220	D	0 EME	8/94	0	20	6	2 PIE
94551 1S/4W	22G22	Holden St	Emeryville Del Monte USA Emeryville Del Monte USA	**************************************	122286084 37830991 122286150 37831409	1 1S/4W 22( 1 1S/4W 22(	0	0 EME 0 EME	8/94 8/94	0	20	5	2 PIE
95485 1S/4W	22G24	1401 and 1421 Park Ave	Emeryville Electro-Coatings, Inc.	2/17/1998	122286605 37831023	1 15/4W 22(	0	0 EME	8/95	0	20 20	6 14	2 PIE 2 MON
95485 1S/4W	22G25	1401 and 1421 Park Ave	Emeryville Electro-Coatings, Inc.	2/17/1998	122286605 37831023	1 1S/4W 220	ő	0 EME	8/95	õ	20	78	2 MON
15/4W	22H 1	1250 PARK AVE	Emeryville DEL MONTE CORP PLANT 35	7/22/1986	122282943 37832012	0 1S/4W 22F	2357	0 EME	5/86	D	19	4	2 TES
1S/4W	22H 2	HOLLIS ST. & PARK AV.	Emeryville DEL MONTE	6/15/1989	122285100 37831400	0 1S/4W 221	2358	0 EME	Jan-89	۵	20	10	2 MON
1S/4W 1S/4W	22H 3 22H 4	HOLLIS ST. & PARK AV. HOLLIS ST. & PARK AV.	Emeryville DEL MONTE Emeryville DEL MONTE	6/15/1989 6/15/1989	122285100 37831400	0 1S/4W 22	2359	0 EME	Jan-89	0	24	10	2 MON
1S/4W	22H 4 22H 5	45TH & WATTS ST.	Emeryville DEL MONTE	6/15/1989	122285100 37831400 122282500 37833900	0 1S/4W 22E 0 1S/4W 22E	2360 2361	0 EME 0 EME	Jan-89 Jan-89	0	25	11	2 MON
1S/4W	22H 5			0/10/1000	0 0	9 1S/4W 22	6882	0	Jan-89	0	20 20	10	2 MON 2 MON
1S/4W	22H 8	45TH & WATTS ST.	Emeryville DEL MONTE	6/15/1989	122282500 37833900	0 1S/4W 22ł	2362	0 EME	Jan-89	ă	24	16	0 MON
1S/4W	22H 7	Hollis / Yerba Buena	Oakland SFPRC	7/30/1990	122284300 37829000	3 1S/4W 22ł	764	0 OAK	Feb-90	9	20	6	4 MON
1S/4W 93412 1S/4W	22H 8	Hollis / Yerba Buena	Oakland SFPRC	7/30/1990	122284300 37829000	3 1S/4W 22ł	765	0 OAK	Feb-90	15	20	8	4 MON
93412 15/4W 15/4W	22J 1 22J 1	1350 34th St 1350 34th St	Oakland Susan Hernsath Oakland Susan Harnsath	3/12/1998	122282853 37826263	1 1S/4W 22.	0	0 OAK	7/93	0	25	9 1	2 MON
1S/4W	223 1	3250 Hollis St	Oakland Romak Iron Works	9/19/1997 8/13/1997	122282595 37826360 122282880 37825329	1 1S/4W 22. 1 1S/4W 22.	0	0 OAK 0 OAK	7/93 7/93	0	25 22	9 14	2 MON 2 MON
1S/4W	223 1	3423 HARLAN ST	Oakland E. E. COSTOLLO	7/31/1984	122281700 37827122	8 1S/4W 22.	2363	0 OAK	/29	ŏ	163	16	10 ABN
1S/4W	22J 1	Hollis SI && 1-580	Emeryville Catellus Development Corp	9/19/1997	122283615 37827895	1 1S/4W 22.	0	0 EME	1/94	ŏ	24	16	5 EXT
1S/4W	22J 2	Hollis St && 1-580	Emeryville Catellus Development Corp	9/19/1997	122283615 37827895	1 1S/4W 22.	D	0 EME	1/94	0	25	18	5 EXT
1S/4W 1S/4W	22J 2 22J 3	Union St & 32nd St	Oakland Clawson School	7/26/1991	122282500 37824500	0 1S/4W 22.	1743	0 OAK	5/91	0	17	8	2 MON
15/4W	22J 3 22J 4	Union St & 32nd St Union St & 32nd St	Oakland Clawson School Oakland Clawson School	7/26/1991 7/26/1991	122282500 37824500	0 15/4W 22.	1744	0 OAK	8/89	0	34	19	2 MON
15/4W	22J 4 22J 5	3421 Holiis St	Oakland Orbit Prop. Corp MW1	8/14/1992	122282500 37824500 122283688 37827109	0 1S/4W 22. 1 1S/4W 22.	1745 7686	0 OAK 0 OAK	6/91 6/91	98 0	19 25	14	2 MON
1S/4W	22J 6	3421 Hollis St	Oakland Orbit Prop. Corp MW2	8/14/1992	122283688 37827109	1 1S/4W 22.	7687	0 OAK	6/91	0	25 25	10	2 TES 2 TES
1S/4W	22J 7	3421 Hollis St	Oakland Orbit Prop. Corp MW3	8/14/1992	122283688 37827109	1 1S/4W 22.	7688	0 OAK	6/91	õ	25	9	2 TES
1S/4W	22J10	3421 Hollis St	Oakland Orbit Property Co MW3	8/14/1992	122283688 37827109	1 1S/4W 22.	7711	0 OAK	6/91	ō	25	0	2 MON
1S/4W	22J2	3315 Magnolia St	Oakland Clawson School MW-1	9/8/1992	122281781 37824977	1 1S/4W 22.	7794	0 OAK	6/91	98	21	10	2 MON
1S/4W 1S/4W	22J3 22J4	3315 Magnolia St 3315 Magnolia St	Oakland Clawson School MW-2 Oakland Clawson School MW-3	9/8/1992 9/8/1992	122281761 37824977 122281761 37824977	1 1S/4W 22.	7795 7796	0 OAK	6/91	98	22	12	2 MON
1S/4W	2204 22K	3425 ETTIE ST	Oakland GOLDEN & TOBY	11/6/1989	122281761 37824977 122288095 37825821	1 1S/4W 22. 0 1S/4W 22F	2364	0 OAK 0 OAK	6/91 Aug-89	100	21 16	12	2 MON
1S/4W	22K				0 0	9 1S/4W 22F	6883	0	Aug-89 Aug-89	a	16	13 0	0 BOR 0 BOR
1S/4W	22K 1	3425 ETTIE ST	Oakland GOLDEN & TOBY	11/6/1989	122288095 37825821	0 1S/4W 22F	2365	0 OAK	Aug-89	ŏ	21	ō	4 MON
1S/4W	22K 2	3425 ETTIE ST	Oakland GOLDEN & TOBY	11/6/1989	122288095 37825821	0 1S/4W 22F	2366	0 OAK	Aug-89	Ó	21	0	4 MON
1S/4W	22K 3	3425 ETTIE ST	Oakland GOLDEN & TOBY	11/8/1989	122288095 37825821	0 1S/4W 22F	2367	D QAK	Aug-89	0	21	0	4 MON
												19	

																1
1S/4W	22K 4	3425 Ettie St	Oakland	Tony Silva Paint MW-4	10/1/1992	12228809	5 37825821	1	1S/4W 221	8309	0 OAK	Oct-91	98	26	11	4 MON
1S/4W	22K 5	3428 Ettie St.	Oakland	Tulloch Construction Co.	B/18/1993	12228789	1 37825921		1S/4W 22	0	0 OAK	6/92	0	32	12	2 MON
97379 1S/4W	22K 6	3456 Ettie St	Oakland	Caltrans	7/30/1998	12228793	7 37826078	1	1S/4W 22ł	0	0 OAK	7/97	0	16	0	1 MON
97379 15/4W	22K 7	3456 Ettie St	Oakland	Caltrans	7/30/1998		7 37828078		1S/4W 22H	0	0 OAK	7/97	0	16	0	1 MON
97379 1S/4W	22K 8	3456 Ettie St	Oakland	Calirans	7/30/1998		7 37826078		1S/4W 22H	0	0 OAK	7/97	0	16	0	1 MON
97379 1S/4W	22K 9	3458 Ettie St	Oakland	Caltrans	7/30/1998		7 37826078		1S/4W 22F	0	0 OAK	7/97	0	16	0 🛛	1 MON
1S/4W	22L	3430 Wood St.	Oakland	Thomas Short Co. TSB-1	7/15/1993		2 37825594		1S/4W 22L	0	0 OAK	2/93	0	13	13	0 BOR
1S/4W 1S/4W	22L 22L	3430 Wood St. 3430 Wood St.	Oakland Oakland	Thomas Short Co. TSB-2	7/15/1993		2 37825594		1S/4W 22I	0	D OAK	2/93	0	13	10	0 BOR
15/4W	22L 22L	3430 Wood St.	Oakland	Thomas Short Co. TSB-3 Thomas Short Co. TSB-4	7/15/1993 7/15/1993		2 37825594 2 37825594		1\$/4W 22L 15/4W 22L	0	0 OAK 0 OAK	2/93 2/93	0	5	0	0 BOR
1S/4W	22L	3430 Wood St.	Oakland	Thomas Short Co. TSB-5	7/15/1993		2 37825594		15/4W 22L	0	0 OAK	2/93	0	5 5	0	0 BOR
1S/4W	22L	3430 Wood St.	Oakland	Thomas Short Co. TSB-6	7/15/1993		2 37825594		1S/4W 221	0	0 OAK	2/93	0	4	0	0 BOR 0 BOR
1S/4W	22L 1	Wood St. && 34th St.	Oakland	CALTRANS SR/B-1	6/28/1993		4 37825016		1S/4W 221	a	0 OAK	6/92	0	6	o	0 BOR
1S/4W	22L 2	Wood St. && 34th St.	Oakland	CALTRANS SR/B-3	6/28/1993		4 37825016		1S/4W 22L	ō	0 OAK	6/92	õ	8	ŏ	0 BOR
1S/4W	22L 3	Wood St. && 34th St.	Oakland	CALTRANS SR/B-4	5/28/1993		4 37825016		1S/4W 22L	ŏ	0 OAK	6/92	õ	8	ŏ	0 BOR
1S/4W	22L 4	Wood St. && 34th St.	Oakland	CALTRANS SR/W-1	6/28/1993	12229005	4 37825016		1S/4W 221	Ō	0 OAK	6/92	ō	18	4	2 MON
1S/4W	22L 5	Wood St. && 34th St.	Oakland	CALTRANS SR/W-2	6/28/1993		4 37825016		1S/4W 22L	0	0 OAK	6/92	0	18	4	2 MON
1S/4W	22L 6	Wood St. && I-880	Oakland	CALTRANS TSC/B-1	6/28/1993		2 37825882		1S/4W 22L	0	0 OAK	6/92	Ó	14	o	0 BOR
1S/4W	22L 7	Wood St. && I-880	Oakland	CALTRANS TSC/B-2	6/28/1993		2 37825882		1S/4W 22L	0	0 QAK	6/92	0	14	0	0 BOR
1S/4W	22L 8	Wood St. && I-880	Oakland	CALTRANS TSC/H-1	6/28/1993		2 37825882		1S/4W 22L	0	0 OAK	6/92	0	18	18 🛛	0 BOR
1S/4W	22L 9	Wood St. && 1-880	Oakland	CALTRANS TSCAW-1	6/28/1993		2 37825882		1S/4W 22L	0	0 OAK	6/92	0	20	13	2 MON
1S/4W	22L10	3430 Wood St.	Oakland	Thomas Short Co. W-2	7/15/1993		2 37825594		1S/4W 22L	0	D OAK	2/93	0	20	9	2 MON
1S/4W 1S/4W	22L11 22L12	3401 Wood St 3401 Wood St	Oakland	California Dept. of Trans	7/16/1997		3 37825139		1S/4W 22I	0	D OAK	5/95	0	10	2	2 TES
15/4W	22L12 22L13	3401 Wood St 3401 Wood St	Oakland	California Dept. of Trans	7/16/1997		3 37825139		1S/4W 22I	0	0 OAK	5/95	0	10	2	2 TES
97063 1S/4W	22213	1685 34th St	Oakland Oakland	California Dept. of Trans Short Estate/LaFlamme Fam	7/16/1997 10/1/1997		3 37825139		1S/4W 22L	0	0 OAK	5/95	0	10	2	2 TES
15/4W	22C 14 22N	Oakland Army Base	Oakland	Short Estate/Lamanime nam S. Pacific Trans, Co.	7/14/1993		37824847 37822027		1S/4W 22L 1S/4W 22L	0 0	0 OAK	1/97	D	23	6	2 MON
1S/4W	22N 1	Oakland Army Base	Oakland	S. Pacific Trans, Co. MW1	7/14/1993		37822027		15/4W 221	0	0 OAK	2/93	0	10	8	0 BOR
1S/4W	22N 2	Oakland Army Base	Oakland	S. Pacific Trans. Co. MW2	7/14/1993		37822027		15/4W 22	ů ů	0 OAK 0 OAK	2/93 2/93	0	12	6	4 MON
15/4W	22N 3	Oakland Army Base	Oakland	S. Pacífic Trans, Co. MW3	7/14/1993		37822027		1S/4W 221	ő	0 OAK	2/93	ŭ	12 12	7	4 MON 4 MON
1S/4W	22N 4	Oakland Army Base	Oakland	S. Pacific Trans, Co, MW4	7/14/1993		37822027		1S/4W 227	ŏ	0 OAK	2/93	ő	13	6	4 MON
1S/4W	22P	1735 24TH AVE	Oakland	PACIFIC SUPPLY	9/25/1989		3 37785267		1S/4W 22F	6529	0 OAK	2000	ŏ	D D	ō	0
1S/4W	22P					(	0 0		1S/4W 22F	6884	0	Sep-88	ŏ	21	ŏ	0 BOR
1S/4W	22P 1	1735 24TH STREET	Oakland	PACIFIC SUPPLY	9/25/1989	122290648	3 37819944	0	1S/4W 22F	2368	0 OAK	Sep-88	9	20	10	2 MON
1S/4W	22P 1					(	0 0	9	1S/4W 22F	6885	0	Sep-88	Ó	20	0	2 MON
1S/4W	22P 2	1735 24TH AVE	Oakland	PACIFIC SUPPLY COMPANY	9/25/1989	122230718	3 37785267	0	1\$/4W 22F	2369	0 OAK	Sep-88	9	20	10	4 MON
1S/4W	22P 2					(	0 0		1S/4W 22F	6888	0	Sep-88	0	20	0	4 MON
1S/4W	22P 3	1735 24TH STREET	Oakland	PACIFIC SUPPLY	9/25/1989	122290648	3 37819944		1S/4W 22F	2370	0 OAK	Sep-88	9	20	0	2 MON
15/4W	22P 3						0		1S/4W 22F	6887	٥	Sep-88	0	20	0	2 MON
1S/4W 1S/4W	22P 4 22P 4	1735 24TH AVE	Oakland	PACIFIC SUPPLY COMPANY	9/25/1989		37785267		15/4W 22F	2371	0 OAK	Sep-88	9	20	10 🛛	2 MON
1S/4W	22P 4 22P 5	Wood St. && 32nd St.	Californi	CALTRANS TSA/1	0100/1000	(00000000)			1S/4W 22F	6888	0	Sep-89	0	20	0 []	2 MON
1S/4W	22P 6	Wood St. && 32nd St. Wood St. && 32nd St.	Oakland Oakland	CALTRANS TSA/1 CALTRANS TSA/2	6/28/1993 6/28/1993		3 37823609 3 37823609		1S/4W 22F 1S/4W 22F	0	0 OAK	6/92	0	2	0	0 BOR
1S/4W	22P 7	Wood St. && I-880	Oakland	CALTRANS ATSF/B-1	6/28/1993		37824011		15/4W 22F	0	0 OAK 0 OAK	6/92 6/92	0	4	0	0 BOR
1S/4W	22P 8	Wood St. && I-880	Oakland	CALTRANS ATSF/B-2	6/28/1993		5 37824011		15/4W 22F	0	0 OAK	6/92	0	6 8	0	0 BOR
1S/4W	22P 9	Wood St. && I-880	Oakland	CALTRANS ATSF/B-3	6/28/1993		5 37824011		1S/4W 227	ŏ	0 OAK	6/92	0	5	0	0 BOR
1S/4W	22P10	Wood St. && I-880	Oakland	CALTRANS ATSF/B-4	6/28/1993		37824011		1S/4W 22F	ŏ	0 OAK	6/92	ă	5	5	0 BOR 0 BOR
1S/4W	22P11	Wood St. && I-880	Oakland	CALTRANS ATSF/8-5	6/28/1993		37824011		1S/4W 22F	ŏ	0 OAK	6/92	ŏ	5	4	0 BOR
1S/4W	22P12	Wood St. && I-880	Oakland	CALTRANS ATSF/8-6	6/28/1993		37824011		15/4W 22F	õ	0 OAK	6/92	ŏ	5	4	0 BOR
1S/4W	22P13	Wood St. && I-880	Oakland	CALTRANS ATSF/8-7	6/28/1993		37824011		1S/4W 22F	ŏ	0 OAK	6/92	ŏ	5	3	0 BOR
1S/4W	22P14	Wood St. && I-880	Oakland	CALTRANS ATSF/B-8	6/28/1993	122290955	37824011	1	1S/4W 22F	ō	0 OAK	6/92	ō	š	5	0 BOR
1S/4W	22P15	Wood St. && I-880	Oakland	CALTRANS ATSF/8-9	6/28/1993	122290955	37824011	1	1S/4W 22F	0	0 OAK	6/92	ō	5	4	0 BOR
96520 1S/4W	22P16	2601 Wood St	Oakland	Hall Property	11/3/1997		37822048		1S/4W 22F	D	0 OAK	7/96	0	12	5	2 MON
96520 1S/4W	22P17	2601 Wood St	Oakland	Hall Property	11/3/1997		37822048		1S/4W 22F	0	0 OAK	7/96	0	12	5 🖗	2 MON
96520 1S/4W	22P18	2601 Wood St	Oakland	Hall Property	11/3/1997		37822048		1S/4W 22F	0	0 OAK	7/96	0	12	5	2 MON
96520 1S/4W 1S/4W	22P19	2601 Wood St	Oakland	Hall Property	11/3/1997		37822048		15/4W 22F	0	0 OAK	7/96	D	12	5	2 MON
1S/4W 1S/4W	22Q 1 22Q 2	28 & CYPRESS	Oakland	PACIFIC GAS AND ELELTRIC	7/23/1984		37821758		1S/4W 22(	2372	0 OAK	2/75	0	120	0	D CAT
15/4W	22Q 2 22Q 3	2792 Cypress Street	Oakland	L & B Arright Investments	7/16/1990		37821866		1S/4W 22(	589	0 OAK	Dec-89	9	20	13	4 MON
1S/4W	22Q 4	2792 Cypress Street 2792 Cypress Street	Oakland Oakland	L & B Arrighi Investments L & B Arrighi Investments	7/16/1990 7/16/1990		37821866		1S/4W 22(	590	0 OAK	Dec-89	9	15	13	4 MON
1S/4W	220 5	30th & Peralta Streets	Oakland	PG&E	6/13/1991		37821868		1S/4W 22( 1S/4W 22(	591	0 OAK	Dec-89	9	20	13	4 MON
1S/4W	220 6	4525 Hollis Street		City of Emeryville RdvImt	8/28/1991		37833624		15/4W 22(	1712 1968	0 OAK 0 EME	Dec-90 5/91	0	120	0	2 CAT
1S/4W	22Q 7	4525 Hollis Street		City of Emergville Rovimt	8/28/1991		37833624		1S/4W 220	1969	0 EME	6/91	ŏ	30 20	20 0	2 MON
1S/4W	22Q 8	2717 Peralta St		C. E. Toland & Son MW-1	10/3/1992		37821728		1S/4W 22(	8348	0 OAK	3/90	0	20	D	2 MON 4 MON
1S/4W	22Q 9	2717 Peralta St	Oakland	C. E. Toland & Son MW-2	10/3/1992		37821728		1S/4W 22(	8349	0 OAK	3/90	ŏ	25	n o	4 MON 4 MON
1S/4W	22Q10	2717 Peralta St	Oakland	C. E. Toland & Son MW-3	10/3/1992		37821728		15/4W 220	8350	DOAK	3/90	ō	25	ŏ	4 MON 4 MON
15/4W	22Q11	2850 Poplar St	Oakland	Linford Construction MW1	1/13/1994		37822041		1S/4W 22(	0	0 OAK	4/93	ŏ	22	5	2 MON
1S/4W	22Q12	2850 Poplar St	Oakland	Linford Construction MW2	1/13/1994		37822041		1S/4W 22(	ō	0 OAK	4/93	ŏ	20	6	2 MON
1S/4W	22Q13	2850 Poplar St	Oakland	Linford Construction MW3	1/13/1994	122284253	37822041	1	15/4W 22(	Ó	0 OAK	4/93	Ď	20	6	2 MON
1S/4W	22Q14	2857 Hannah St	Oakland	J H Fitzmaurice, Inc	8/21/1997		37822724		1S/4W 22(	0	0 OAK	7/93	D	25	9	2 MON
1S/4W	22Q15	2857 Hannah St	Oakland	J H Fitzmaurice, Inc	8/21/1997		37822724		1S/4W 22(	0	0 OAK	7/93	0	25	10	2 MON
1S/4W 1S/4W	22Q16	2857 Hannah St 2859 Banlar St	Oakland	J H Fitzmaurice, Inc	8/21/1997		37822724		1S/4W 22(	0	0 OAK	7/93	0	25	12	2 MON
1S/4W 1S/4W	22Q17 22Q18	2850 Poplar St 2850 Poplar St	Oakland	The Linford Company	9/19/1997		37821711		1S/4W 22(	0	0 OAK	6/94	0	20	6	2 MON
10/499	22410	2000 Fuplet OL	Oakland	The Linford Company	9/19/1997	122284397	37821711	1	1S/4W 22(	0	0 OAK	6/94	0	20	13	2 MON
															53	

93208 1S/4W	22Q19	2850 Poplar St	Oakland		#########	122284387 37821681	1 15/4W 220	0	0 OAK	4/93	0	22	16	2 MON
93208 1S/4W 93208 1S/4W	22Q20 22Q21	2850 Poplar St 2850 Poplar St	Oakland Oakland	Linford Construction Linford Construction	######## ##########	122284387 37821681	1 1S/4W 22(	0 Q	0 OAK	4/93	D	20	14	2 MON
1S/4W	22021 22R	2730 Peralta Street	Oakland	Custom Alloy Scrap Sales	3/20/1991	122284387 37821681 122285770 37820963	1 1S/4W 22( 0 1S/4W 22)	1367	0 OAK 0 OAK	4/93 2/91	0	20	12	2 MON
1S/4W	22R 1	2730 Peraita St	Oakland	Custom Alloy Scrap Sales	3/20/1991	122285770 37820963	0 1S/4W 22F	1368	0 OAK	Z/91 Oct-90	0	65 12	20 11	0 DES 8 BOR*
1S/4W	22R 2	2730 PERALTA ST	Oakland	CUSTOM ALLOY SCRAP SALE		122285770 37820963	0 1S/4W 22F	1369	0 OAK	Oct-90	ŏ	19	10	4 MON
1S/4W	22R 3	2730 PERALTA ST	Oakland	CUSTOM ALLOY SCRAP SALE		122285770 37820963	0 1\$/4W 22F	1370	0 OAK	Oct-90	ō	18	12	4 MON
1S/4W	23A 1	4400 TELEGRAPH AVE.	Oakland	WAYNE KELLY AUTO PARTS		122283074 37832698	0 1S/4W 23/	2373	0 OAK	Nov-88	Ó	35	14	2 MON
1S/4W	23A 2	490 43rd St.	Oakland	Wells Fargo Bank MW-1	7/12/1993	122262452 37832019	1 1S/4W 23/	0	0 OAK	4/93	0	23	12日	2 MON
1S/4W	23A 3	490 43rd St.	Oakland	Wells Fargo Bank MW-2	7/12/1993	122262452 37832019	1 1S/4W 23/	0	0 OAK	4/93	0	22	12	2 MON
1S/4W 96315 1S/4W	23A 4 23A 5	490 43rd St. 4400 Telegraph Av	Oakland Oakland	Wells Fargo Bank MW-3	7/12/1993	122262452 37832019	1 1S/4W 23/	0	0 OAK	4/93	0	22	13	2 MON
95695 1S/4W	23A 5 23B 1	4629 Martin Luther King J	Oakland	Mildred Fisher Lynn M. Nightingale	11/3/1997 3/12/1998	122263078 37832693 122266868 37835095	1 1S/4W 23/ 1 1S/4W 23F	0	D OAK	5/96	0	22	12	2 MON
18/4W	23C 1	4401 Market St	Oakland	Casimiro Damele	7/18/1997	122272566 37834133	1 1S/4W 23(	0	0 OAK	Nov-95 Oct-94	80 0	30 26	24 23	2 MON 2 MON
1S/4W	23C 2	4401 Market St	Oakland	Casimiro Damele	7/18/1997	122272566 37834133	1 1S/4W 230	ŏ	0 OAK	Oct-94	Ö	28	28	2 MON 2 MON
1S/4W	23C 3	4401 Market St	Oakland	Casimiro Damele	7/18/1997	122272568 37834133	1 1S/4W 23(	ō	0 OAK	Oct-94	ŏ	28	25	2 MON
15/4W	23D 1	44TH ST & ADELINE	Oakland	PACIFIC GAS AND ELECTRIC	7/23/1984	122257900 37833000	2 1S/4W 23[	2374	0 OAK	5/73	Ō	120	0	0 CAT
15/4W	23D 2	989 41st Street	Oakland	California Linen Rental	6/27/1990	122275113 37831932	0 1S/4W 23I	390	0 OAK	9/89	54	22	8	4 MON
1S/4W	23D 3	989 41st Street	Oakland	California Linen Rental	6/27/1990	122275113 37831932	0 1S/4W 23[	391	0 OAK	9/89	54	23	9	4 MON
1S/4W	23D 4	989 41st Street	Oakland	California Linen Rental	6/27/1990	122275113 37831932	0 1S/4W 23I	392	0 OAK	9/89	53	22	7譜	4 MON
94237 1S/4W	23D 5	1001 42nd St	Oakland	Color Communications	3/29/1998	122275651 37832941	1 1S/4W 23(	0	0 OAK	4/94	0	30	0	2 MON
1S/4W 1S/4W	23E 1 23E 2	989 41 ST	Oakland	CALIFORNIA LINEN SUPPLY	7/23/1984	122275516 37832054	8 1S/4W 23f	2375	0 OAK	/27	0	575	16	0 ABN
15/4W	23E 2 23E 1	1077 41ST STREET MARKET & APGAR ST	Oakland	e MAYBORN PROPERTY PG&E	3/20/1991 7/31/1984	122278484 37832245 122273800 37829200	0 1S/4W 23E 0 1S/4W 23F	1366	0 EME	Oct-90	0	34	22	2 MON
1S/4W	23F 2	3924 Market St	Oakland	San Francisco French Brea	7/18/1997	122273600 37829200	1 1S/4W 23F	2376 0	0 OAK 0 OAK	4/74 5/95	57	120	11	0 CAT
1S/4W	23F 3	3924 Market St	Oakland	San Francisco French Brea	7/18/1997	122273422 37630332	1 15/4W 23F	0	0 OAK	5/85	58	21 24	15 17	2 MON 2 MON
1S/4W	23F 4	3924 Market St	Oakland	San Francisco French Brea	7/18/1997	122273422 37830332	1 1S/4W 23F	ŏ	D OAK	5/95	57	24	14	2 MON
95421 1S/4W	23G 1	3924 Martin Luther King J	Oakland	BART	3/29/1998	122267914 37829557	1 1S/4W 23(	ŏ	0 OAK	7/95	76	17	11 2	2 MON
95421 1S/4W	23G 2	3924 Martin Luther King J	Öakland	BART	3/29/1998	122267914 37829557	1 15/4W 23(	ů.	0 OAK	7/95	73	13	7	2 MON
95421 1S/4W	23G 3	3924 Martin Lother King J	Oakland	SART	3/29/1998	122267914 37829557	1 1S/4W 23(	٥	0 OAK	7/95	74	13	7	2 MON
1S/4W	23H	500 40TH ST.	Oakland	SHELL OIL CO.	11/9/1989	122264333 37829644	0 1S/4W 23ł	2377	0 OAK	Dec-88	D	27	o	0 DES
1S/4W	23H					0 0	9 1S/4W 23ł	6819	0	Sep-86	0	10	oli	0 BOR
15/4W	23H					0 0	9 1S/4W 23	6889	O	Sep-86	0	10	0	0 BOR
1S/4W	23H					0 0	9 1S/4W 23	6890	0	Sep-86	0	10	0	0 BOR
1S/4W	23H					0 0	9 1S/4W 23	6891	0	Sep-86	0	10	0	0 BOR
1S/4W 1S/4W	23H 23H 1	500 40TH ST	Coldord		1044000	0 0	9 1S/4W 23	6892	0	Sep-86	0	10	0	0 BOR
1S/4W	23H 1 23H 2	500 40TH ST	Oakland Oakland	SHELL OIL SHELL OIL	1/24/1990 1/24/1990	122284333 37829644 122284333 37829644	0 1S/4W 23ł 0 1S/4W 23ł	2378 2379	0 OAK	Feb-89	0	20	15	4 MON
1S/4W	23H 3	500 40TH ST	Oakland	SHELL OIL	1/24/1990	122264333 37829644	0 1S/4W 23	2379	0 OAK 0 OAK	May-89 May-89	0	19 16	15 13	4 MON 4 MON
1S/4W	23H 4	500 40th Street	Oakland	Shell Oil Company	7/24/1990	122264333 37829644	0 1S/4W 23	680	0 OAK	Sep-89	0	20	13 20	4 MON 8 MON
1S/4W	23H 5	500 40th Street	Oakland	Shell Oil Company	9/11/1990	122264333 37829644	0 1S/4W 23ł	880	D OAK	Jun-90	ŏ	25	13	2 MON
1S/4W	23H 6	500 40th Street	Oakland	Shell Oil Company	9/11/1990	122264333 37829644	0 1S/4W 23	881	0 OAK	Jun-90	ŏ	44	19	4 MON
1S/4W	23H 7	500 40th St	Oakland	Shell Oil Co OMW-11	9/30/1992	122264333 37829644	1 1S/4W 23F	8162	0 OAK	Nov-91	ō	24	12	4 MON
1S/4W	23H 8	500 40th St	Oakland	Shell Oil Co OMW12	9/30/1992	122264333 37829644	1 1S/4W 23F	8163	D OAK	Nov-91	ò	24	10	4 MON
1S/4W	23H 9	500 40th St	Oakland	Sheli Oil Co OMW-13	9/30/1992	122264333 37829644	1 1S/4W 23F	8164	0 OAK	Nov-91	0	24	12	4 MON
1S/4W	23K 1	731 W. MACARTHUR & WES		ARCO SVCE. STA. #4931	2/23/1988	122269236 37827456	8 1S/4W 23ł	2381	0 OAK	Dec-87	0	40	10	6 MON
15/4W	23K 2	731 W MACARTHUR & WEST		ARCO SVCE, STA, #4931	2/23/1988	122289236 37827456	8 1S/4W 23I	2382	0 OAK	Dec-87	0	30	11 🎼	3 MON
1S/4W 1S/4W	23K 3 23K 4	731 W MACARTHUR & WEST 731 W MACARTHUR & WEST		ARCO SVCE. STA. #4931	2/23/1988	122269236 37827456	8 1S/4W 23F	2383	0 OAK	Dec-87	0	30	10	3 MON
1S/4W	23K 4 23K 5	731 W MacArthur	Oakland	ARCO SVCE, STA, #4931 ARCO Prod. Co AV-1	2/23/1988 9/26/1992	122269236 37827456	8 1S/4W 23ł	2384	0 OAK	Dec-87	0	30	10	3 MON
15/4W	23K 6	731 W MacAnthur	Oakland	ARCO Prod. Co	6/18/1993	122269238 37827456 122269867 37827510	1 15/4W 23ł 1 15/4W 23ł	8104 0	0 OAK 0 OAK	1/92	0	16	0	2 MON
15/4W	23K 7	731 W MacArthur	Oakland	ARCO Prod. Co	6/18/1993	122269867 37827510	1 1S/4W 23	0	0 OAK	6/92 6/92	0 0	30 28	11	6 MON 6 MON
1S/4W	23K 8	731 W MecArthur	Oakland	ARCO Prod. Co	6/18/1993	122269867 37827510	1 15/4W 23	0	0 OAK	6/92	ů ů	28 30	11	4 MON
1S/4W	23K 9	731 W MecArthur	Oakland	ARCO Prod. Co	6/18/1993	122269867 37827510	1 1S/4W 23	ŏ	0 OAK	6/92	ů ů	30	10	3 MON
1S/4W	23M 1	3516 ADELINE ST	Oakland	FRANK CHAMPION	7/31/1984	122279297 37826484	0 1S/4W 23	2385	0 OAK	/36	ŏ	97	13	0 IND
1S/4W	23M 2	3400 SAN PABLO AVE	Oakland	ARCO PETROLEUM	10/6/1986	122277468 37825787	0 1S/4W 23M	2386	0 OAK	Jul-86	ō	25	10	2 TES
1S/4W	23M 3	3400 SAN PABLO AVE	Oakland	ARCO PETROLEUM	10/6/1986	122277458 37825787	0 1S/4W 23M	2387	0 OAK	Jul-86	o	25	10	2 TES
1S/4W	23M 4	3400 SAN PABLO AVE	Oakland	ARCO PETROLEUM	10/6/1986	122277468 37825787	0 1S/4W 23M	2388	0 OAK	Jul-86	0	25	10	2 TES
1S/4W	23M 5	3400 SAN PABLO AVE	Oakland	THRIFTY OIL	1/21/1987	122277468 37825787	0 1S/4W 23M	2389	0 OAK	Nov-86	0	15	6	4 MON
1S/4W	23M 6	3400 SAN PABLO AVE	Oakland	THRIFTY OIL	1/21/1987	122277468 37825787	0 1S/4W 23	2390	0 OAK	Nov-86	0	15	8	2 MON
1S/4W 1S/4W	23M 7 23M 8	3400 SAN PABLO AVE 3400 SAN PABLO AVE	Oakland	THRIFTY OIL	1/21/1987	122277468 37825787	0 1S/4W 23M	2391	0 OAK	Nov-86	0	15	9	2 MON
15/4W	23M 9	3400 SAN PABLO AVE	Oakland Oakland	THRIFTY OIL SHELL OIL CO.	1/21/1987 11/8/1989	122277468 37825787 122277524 37825927	D 15/4W 23M	2392	0 OAK	Nov-86	0	15	8	4 MON
1S/4W	23M10	3420 SAN PABLO AVE	Oakland	SHELL OIL CO. SHELL OIL CO.	11/6/1989	122277524 37825927	0 1S/4W 23N 0 1S/4W 23N	2393 2394	0 OAK 0 OAK	Apr-89 Apr-80	0	25	6	4 MON
15/4W	23M11	3420 SAN PABLO AVE	Oakland	SHELL OIL CO.	11/8/1989	122277524 37825927	0 1S/4W 23F	2394	0 OAK	Apr-89 Apr-89	0	19 27	6	4 MON 4 MON
1S/4W	23M12	3420 SAN PABLO AVE	Oakland	SHELL OIL CO.	11/6/1989	122277524 37825927	0 15/4W 23	2395	0 OAK	Apr-89	0	27	Б Б	4 MON 4 MON
1S/4W	23M13	3420 San Pablo Avenue	Oakland	Shell Oil Company	6/8/1990	122277524 37825927	0 1S/4W 23	259	D OAK	1/90	21	25	8	4 MON 4 MON
1S/4W	23M14	3420 San Pablo Avenue	Oakland	Shell Oil Company	6/8/1990	122277524 37825927	0 1S/4W 23I	260	0 OAK	1/90	22	20	ě.	4 MON
15/4W	23M15	3420 San Pablo Avenue	Oakland	Shell Oil Company	6/6/1990	122277524 37825927	0 1S/4W 23I	261	0 OAK	1/90	21	20	9	4 MON
1S/4W	23M16	3420 San Pablo Avenue	Oakland	Shell Oil Company	6/8/1990	122277524 37825927	0 1S/4W 23/	262	0 OAK	1/90	21	20	7	4 MON
1S/4W	23M17	34200 San Pablo Avenue	Oakland	Shell Oll Company	6/8/1990	122277524 37825927	3 1S/4W 23I	263	0 OAK	1/90	21	20	9	4 MON
1S/4W	23M18	3400 San Pablo Avenue	Oakland	Thrifty Oil Company	7/9/1990	122277468 37825787	0 1S/4W 23	518	0 OAK	Oct-89	D	25	9 🛛	6 MON
1S/4W	23M19	3420 San Pablo Ave		Shell Oil Co. MW10	9/30/1992	122277524 37825927	1 1S/4W 23!	8156	0 OAK	Oct-91	0	19	9	4 TES
1S/4W	23M20	3420 San Pablo Ave	Oakland	Shell Oil Co. MW11	9/30/1992	122277524 37825927	1 1S/4W 23!	8157	0 OAK	Oct-91	0	22	14	4 TES
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1S/4W	23M21	34th St. & Linden St.	Oakland	Dougco Metal Finish. MW1	7/12/1993	122277937	37825122	1 1S/4W 23	• •	0 OAK	4/93	0	14	0	4 MON
1S/4W	23M22	34th St. & Linden St.	Oakland	Dougco Metal Finish, MW2	7/12/1993	122277937	37825122	1 1S/4W 23	N 0	0 OAK	4/93	0	16	0	4 MON
1S/4W	23M23	34th St. & Linden St.	Oakland	Dougco Metal Finish, MW3	7/12/1993	122277937	37825122	1 1S/4W 23	H 0	D OAK	4/93	0	14	0	4 MON
1S/4W	23M24	3516 Adeline St.	Oakland	Champion Estate MW-1	7/14/1993	122279279	37826441	1 1S/4W 23	H 0	0 OAK	Oct-92	0	30	14	2 MON
1S/4W	23M25	3516 Adeline St.	Oakland	Champion Estate MW-2	7/14/1993	122279279	37826441	1 1S/4W 23	F D	0 OAK	Oct-92	0	30	13 🗄	2 MON
1S/4W	23M26	3516 Adeline St.	Oakland	Champion Estate MW-3	7/14/1993	122279279	37826441	1 1S/4W 23	1 0	0 OAK	Oct-92	0	30	14	2 MON
95724 1S/4W	23M27	3623 Adeline St	Emeryville	e Owens Financial	3/12/1998	122278974	37828046	1 1S/4W 23	1 0	0 EME	Dec-95	0	25	11 🕅	6 MON
1S/4W	23N 1	990 28 ST	Oakland	OAKLAND TOWEL CO.	7/31/1984	122278990	37820128	8 1S/4W 23	2397	0 OAK	/27	0	146	0	8 ABN
1S/4W	23N 2	936 Brockhurst Street	Oakland	Loomis Armored, Inc.	3/28/1991	122275799	37823757	0 1S/4W 23	1555	0 OAK	8/90	0	17	14	2 MON
1S/4W	23N 3	938 Brockhurst Street	Oakland	Loomis Armored, Inc.	3/28/1991	122275799	37823757	0 1S/4W 23	1556	0 OAK	8/90	28	35	16	4 MON
1S/4W	23N 4	936 Brockhurst Street	Oakland	Loomis Armored, Inc.	3/28/1991	122275799	37823757	0 1S/4W 23	1557	0 OAK	8/90	29	35	15	4 MON
1S/4W	23N 5	3032 Market St	Oakland	C.H.O.C. Inc	7/17/1997	122275421	37821171	1 1S/4W 23	r 0	0 OAK	3/95	D	20	12	2 MON
1S/4W	23N 6	3032 Market St	Oakland	WSB Electric	8/31/1997		37821144	1 1S/4W 23	e a	0 OAK	8/94	0	25	14 🖉	2 MON
1S/4W	23N 7	3032 Market St	Oakland	WSB Electric	8/31/1997	122275421	37821144	1 1S/4W 23	· 0	0 OAK	8/94	0	25	14	2 MON
1S/4W	23N 8	3032 Market St	Oakland	WSB Electric	8/31/1997	122275421	37821144	1 1S/4W 23	: 0	0 OAK	8/94	0	20	10	2 MON
1S/4W	23R	3300 WEBSTER ST	Oakland	PAUL FABERMAN & CO.	1/10/1990	122262011	37821412	0 1S/4W 23	6544	0 OAK	May-89	0	24	0	6 BOR
1S/4W	23R	3300 WEBSTER ST	Oakland	PAUL FABERMAN & CO	1/22/1990	122262011	37821412	0 1S/4W 23	6545	0 OAK	May-89	0	24	23	6 BOR
1S/4W	23R	34TH & ELM STS	Oakland	MERITT PERALTA INSTITUTE	8/8/1988	122265800	37822800	8 1S/4W 23	6543	0 OAK	Jun-88	o	30	14 🗄	0 BOR
1S/4W	23R					a	I 0	9 1S/4W 23	6893	0	May-89	0	24	23	6 BOR
1\$/4W	23R					o	0	9 1S/4W 23	6894	0	Mar-89	0	0	o 🛿	8 BOR*
1S/4W	23R 1	HAWTHORNE AV	Oakland	MERRITT HOSPITAL	7/31/1984	122261400	37821150	2 1S/4W 23	2398	0 OAK	3/75	0	0	o 🔛	0 GEO*
1S/4W	23R 2	HAWTHORNE AV	Oakland	MERRITT HOSPITAL	7/31/1984	122261400	37821150	2 1\$/4W 23	2399	0 OAK	4/74	0	345	0	0 GEO
1S/4W	23R 3	3300 WEBSTER ST	Oakland	PAUL FABERMAN & CO.	1/10/1990	122262011	37821412	0 1S/4W 23	2400	0 OAK	Mar-89	91	35	22	2 MON
1S/4W	23R 4	3300 WEBSTER ST	Oakland	PAUL FABERMAN & CO.	1/22/1990		37821412	0 1S/4W 23	2401	0 OAK	Mar-89	99	32	28	2 MON
1S/4W	23R 5	3300 WEBSTER ST	Oakland	PAUL FABERMAN & CO	1/22/1990	122262011	37821412	0 1S/4W 23	2402	D OAK	Mar-89	89	28	25	2 MON
1S/4W	23R 6					Ċ	i a	9 1S/4W 23	6895	0	May-89	0	30	22	2 MON
														100	



2) mit Numi	and Tarrey		User: James
Address:	ork Type: <u> Year:</u> Vame: <u>emerville</u> Vame:	Well Compl.i Project Start Date: <u>or S</u> SOR1 	Start Year. T.BY:  Permit Num _
38 records returned 93031 Monitoring 93048 Monitoring 93071 Borehole - Gestech 93107 Destruction 93139 Monitoring 94022 Monitoring	4015 Holia St Sheilmound Si 1520 Powell S 5521 Doyle St	Street, Erneryvlie Erneryv cet, Erneryvlie Erneryv reet, Erneryvlie Erneryv rreet, Erneryvlie Erneryv reet, Erneryvlie Erneryv	ville         2201/1983           ville         PSC         02/16/1003           ville         Skirm         03/04/1983           ville         Geo Piexus         03/16/1983

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	3 Destruction		4563 Horion Street, Emeryville	Emeryville	TMC		01/13/1994
9405	g Borehole		4301 San Pablo Avenue, Emeryville	Emeryville	Environ		01/28/1994
9411	7 Monitoring		1250 Park Avenue, Emeryville	Emeryville	CH2M HIN		02/24/199
9412	§ Monitoring	1.1	4300 San Pablo Avenue, Emeryvitie	Emeryville	Applied Geot		03/01/1994
0412	2 Borehole		4525 Horton Street, Emeryville	Emeryville	Levine Frick		03/02/1894
	5 Monitoring		4525 Hollis Street, Emeryville	Emeryville	PG&E		03/11/1994
9414	5 Monitoring	1.11	4525 Hollis Street, Emeryville	Emeryville	PG&E		03/11/1994
94145	5 Monitoring	1 A 4	4525 Holits Street, Emeryville	Emeryville	PG&E	보다 보기 전 것 같아요. 것 같아.	03/11/1994
9414	5 Monitoring		4525 Holits Street, Emeryville	Emeryville	PG8E	김 전화에서 소신가 전문가입니?	03/11/1994
94188	Borehole Geolech		4001 Hollis Street, Emeryville	Emeryville	Levine Frick	가장 감독을 위한 것이 같다. 승규는	03/21/1994
94176	3 Monitoring		1150 Park Avenue, Emeryville	Emeryville	Weiss		03/21/1994
94230	Borehole	1.	1250 Park Avenue, Emeryvilla	Emeryville	CH2M HII		04/11/1994
94315	5 Borehole	1997 (B	4000 San Pablo Avantie, Emeryville	Emervville	Seacor		05/25/1994
04944	Borehole		1250 Park Avenue, Emeryville	Emeryville	CH2M HIL	방법은 전철 관람은 사람을 가지 않는다.	06/06/1994
	Monitoring	1.1.1.	4800 San Pablo Avenue, Emeryville	Emeryville	Hydro Sokuti	요즘은 소문화가 있는 것이 같아?	06/16/1994
		<sup>17</sup>		1.1		승규는 경험을 가지 않는 것이다.	的复数形式的复数
94368	Destruction	1.54	4000 San Pablo Avenue, Emeryville	Emeryville	Woodward Cly		06/27/1994
94372	Monitoring		1550 Park Avenue, Emeryville	Елжгууйа	Tank Prolect	영상 이는 같은 것이 같은 것이야.	06/29/1994
94406	Monitoring		4525 Horton Street, Emeryville	Emeryville	Levine Frick	안 그 그는 것 같은 것 같아요.	07/12/1994
94408	Borenole	11.14	1600 - 63rd Street, Emeryville	Emeryville	Certified		07/12/1994
9443	2 Borehole	1.1	1450 Sherwin Avenue, Emeryville	Emeryville	TMC	요즘 옷에서 가지 같이 많다.	07/27/1994
94486	Monitoring	4.1	4560 Horton Street, Emeryville	Emeryville	Erler & Kali		08/12/1994
94516	§ Monitoring	1999	1650 - 65th Street, Emeryville	Emerydile	PES	동네 같이 같은 것 같아요. 아이들 것 않	09/06/1994
	Monitoring	- <sup>1</sup>	1355 - 55th Street, Emeryville	Emeryville	Century		09/07/1994
	Borehole	. • `	4200 Shelmound Street, Emeryville	Emerville	Environmenta		09/07/1994
94557	Borehole	. ÷.	4225 Halleck Street, Emeryville	Emeryville	Weiss	그는 사람은 것은 것은 것이 같아. 말을 가지?	09/07/1994
94841	Borahole	1.14	1700 Poweli Street, Emeryville	Emeryville	Emoon	이 방법에 들어서 있다. 영화 문법	10/07/1994
	Monitoring	el e gel	1150 Park Avenue, Emeryville	Enteryville	Weiss		10/12/1994
	Monitoring		1150 Park Avenua, Emeryville	Emeryville	Welss	방법을 물건물 것 같은 것이 많은?	10/12/1994
	Monitoring		1150 Park Avenue, Emeryville	Emeryville	Weiss Weiss	방법 소설을 얻는 것을 수 있는	10/12/1994
	Monitoring Destruction	1. j. k	1150 Park Avenue, Emeryville 1295 - 67th Street, Emeryville	Emeryville Emeryville	Azure	김 승규는 영국에 가장을 즐기는 것이다.	10/12/1994
84133	- Ceretain	100	Case - or of obeen, and yoke	Crimery rises	~2uit	영상 가격 물건을 가지 않는다.	11/28/1994
	Monitoring		5813 Shelimound Street, Emeryville	Emeryville	Cambria	신 것 같은 것 같은 것 같이 있다.	12/07/1994
	Monitoring		1400 Park Avenue, Emeryville	Emerville	Alton	이 것 같은 것 같은 것 같은 것 같이 같이 같이 같이 같이 많이	12/16/1994
94800	Monitoring		4525 Horton Street, Emeryville	Emeryville	TMC		12/19/1994
7WR001	Borehole - Contaminatio	12.1	Shelimound St	Emanydle	EKI	Jeannine 07/02/1997 Kessell, Erell,	
	П	1.1				Skalinoesid,	
						ric.	이 있는 것은 것은 것
7WR037	Borehole -	12.0	Holis St & Park Av	Emeryville	Subsurface Consultants	Jim 07/21/1997	
	Geotechnical			$e \in \mathbb{N}$	n i se station de la companya de la	Heigr,Subsurf aca Cuneutt	
		1100					
7WR045	Well		San Pablo Av	Emeryville	Fast Tek	Fast-Tek 07/28/1997	
	Destruction	1.11		de transie		(11) 제1 19 19 19 19 19 19 19 19 19 19 19 19 19	
740047	Boxehole -	· .	Park Av	Emerville	Pes Enviro	Pea Envire 07/30/1997	
7WR047	Contaminatio		PORMY	. Estilet yvinde	Ces Enviro	Pes Enviro 07/30/1997	
	n			i strategi			가지만나
7WR101	Borehole -	$(1,2,\ldots,n)$	Shelimound St	Emeryville	Eki	Erler&Kalino 09/05/1997	
•	Contaminatio	се — с.				wski ino	
7WR104		1	San Pablo Av	Emeryvile	Fast Tek	Fast-Tek 09/10/1997	
	VVet	22				시작은 영국 방법을 위한 것이 없다.	
7WR110	Monitoring Well		Ocean Av	Emeryville	Inti Geotech	International 09/11/1997	
7WR139	Well		Shelmound Parcel1-2-3	Emeryville	Soma Enviro End	Geologic Baylandis 09/26/1997	
	Destruction			an oraș y rand		Drilling	
		· .				물 관광 물 수 있는 것 같아?	
7WR140	Well Destruction		Shelmound Parcel1-2-3	Emerville	Soma Enviro Eng	Baylanda 09/26/1997 Drilling	
1.1		1		1. 1			
ZWR141	Borehole -		San Pablo Av	Emeryville	Fæst Tek	Fast-Tek 09/30/1997	
	Geotechnicat				and the second secon		
	Rorebole -	1.114	Park Av	Emenedia	Soma Corp	Diman 400140007	
ZWR157	Contaminatio		1 100 111	Emeryville	ома обр	Gregg 10/14/1997 Drilling	
	n	1 - A					
7WR190	Monitoring		Sherwin Av	Emeryville	Levine Fricke	Levine-Fricke- 10/24/1997	승규는 공사는
	Well	$i \in [1, 1]$				Recon	
	Monitoring	1 A	Sherwia Av	Emeryville	Levine Fricke	Levine Fricke 10/24/1997	
7102100					وإدبا وإجابتهم براجاته متعتد فمتحد الم		べつ しんせい ひつうひ
71/190	Well				그는 것 같은 것 같	Recon	ふちゃう とうえいがく みたたい

• •	Monitoring Well	Sherwin Av	Emeryville	Levine Fricke	Levine-Fricke- 10/24/1997 Recon
7WR190	Monitoring Weil	Sherwin Av	Emeryville	Levine Fricke	Levine-Fricke- 10/24/1997 Recon
7WR190	Monitoring Well	Sherwin Av	Emeryville	Levine Fricka	Levina-Fricka- 10/24/1997 Record
97WR190	Monitoring Well	Sherwin Av	Emeryville	Levine Fricke	Løvine-Fricke- 10/24/1997 Røcon
97WR190	Monitoring Weli	Shervia Av	Emeryville	Levine Fricka	Levine-Fricke- 10/24/1997 Recon
97WR190	Monitoring Well	Sherwin Av	Emeryville	Levine Fricke	Levina-Fricke- 10/24/1997 Recon
97WR190	Monitoring Well	Sherwin Av	Emeryvilie	Levine Fricke	Levine-Fricke- 10/24/1987 Recon
97WR190	Monitoring Well	Sherwin Av	Emeryville	Levine Fricke	Levine-Fricke- 10/24/1997 Recon
97WR190	Monitoring Weil	Sherwin Av	Emeryville	Levine Fricke	Levine-Fricke- 10/24/1997 Recon
97WR190	Monitoring Weil	Sherwin Av	Emeryelle	Levine Fricke	Levine-Fricke- 10/24/1997 Recon
97WR190	Monitoring Web	Sherwin Av	Emeryville	Levine Fricke	Levine-Fricke- 10/24/1997 Recon
97WR190	Monitoring Well	Sherwa Av	Emeryville	Levine Fricke	Levine-Fricke- 10/24/1997 Recon
97WR190	Monitoring Well	Sherwin Av	Emeryville	Levine Fricke	Levine-Fricke- 10/24/1997 Recon
97WR190	Monitoring Welf	Sherwin Av	Етнегууша	Levine Fricke	Levine-Fricke- 10/24/1997 Recon
97WR190	Monitoring Well	Sherwin Av	Emeryville	Levine Fricke	Levine-Fricke: 10/24/1997 Recon
97WR 190	Monitoring Weil	Sherwin Av	Emeryville	Levine Fricke	Levine-Fricke- 10/24/1997 Recon
97WR190	Monitoring Well	Sherwin Ay	Emeryville	Levine Fricke	Levine-Fricke-10/24/1997 Recon
97WR190	Monitoring Well	Shervia Av	Emeryville	Levine Fricke	Levine-Fricke-10/24/1997 Recon
97WR 193	Borehole - Contaminatio	Park Av & 4204 Holis St	Emeryville	Treadwell & Rolla	Pitcher 10/28/1997 Drilling
97WR200		Poweli St Peladeau St	Emeryville	Treachvell & Rolio	Bay Area 11/08/1997 Exploration
97WR206	Borehole - Contaminatio	Halleck St	Emeryv@e	Geomatrix	Geomainx 11/07/1997 Consult
97WR212	Monitoring Well	Powell St Peladeau St	Emeryville	Treachvell & Rollo	Bay Area 11/21/1997 Exploration
7WR214	Monitoring Well	San Pablo Av	Emeryille	Geologic	Woodward- 11/21/1997 Clyde
07WR214		San Pablo Av	Emeryville	Geologic	Ciyde Woodward- 11/21/1997 Ciyde
7WR214	Monitoring	San Pablo Av	Emeryville	Geologia	Woodward- 11/21/1997
97WR218	Wei	Shelimound St	Emeryville	Levine Fricke	Clyde Levine-Fricke- 12/01/1997 Recori
97WR226	Sorehole - Contaminatio	Horton St Stanford Av	Emeryville	Alisto Engineering	Aisto 12/10/1997 Engineering
7WR234	n Borehole EXEMPT Geotechnical	Bay St 677h St	Emeryville	LFR-Emeryville	Levine-Fricke- 12/23/1997 Recon
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97WR243	Wet	Hoton St 45Th & 53Rd	Emeryville	LFR-Emerydlie	Levine-Ficke- 12/19/1997 Recon
97WR243	Monitoring Well	Horton St 45Th & 53Rd	Emeryville	LFR-Emeryville	Levine-Fricke- 12/19/1997 Recon
7WR243	Monitoring Well	Horton St 457h & 53Rd	Emeryville	LFR-Emeryville	Levine-Fricke- 12/19/1997 Recon
7WR243	Monitoring Well	Horton St 45Th & 53Rd	Emeryvike	LFR-Emeryville	Levine-Fricke- 12/19/1997 Recon
8WR003	Borehole - Geolechnical	Hollis St	Emeryvike	Subsurface Consultanta	01/06/1998
8WR011	Borehole - Contaminatio	67Th St	Emeryville	Alisto Engineering	Alisto 01/08/1998 Engineering
8WR012	n Borehole + Contaminatio	Stanford Av Hollis St	Emeryville	Alisto Engineering	Alista 01/06/1998 Engineering
98WR013	n Borebole - Geotechnical	Horton St	Emeryville	Alisto Engineering	Alisto 01/08/1998 Engineering
8WR017	Monitoring	Park Av Hollis	Emeryville	Treadwell & Roko	Gregg 01/14/1998 Drilling
8WR071	Borehole - Contaminatio	Hoilie St	Emeryville	Inti Geolech	intL 02/17/1998 Geologic
8WR098	n Borehole - Geolechnical	San Pablo Av	Emeryville	Fast Tek	Fast-Tak 03/04/1998
38WR101	Borehole Geotechnical	Sheirmound St	Emeryväle	Tre	Tre 03/09/1998
8WR103	er fan in de se	Powell St Peladeau St	Emeryville	Traadwall & Rolio	Bay Area 03/10/1998 Exploration
8WR104	Borehole - Contaminatio	East Shore Hwy	Emeryville	Emcon	Yol In-Situ 03/10/1998 Testing Inc
8WR110	Contaminatio	East Shore Hwy	Emeryville	Encon	Pitcher 03/13/1998 Orkling
8WR154	n Monitoring Well	Powell St	Emeryville	Ceres Associates	Ceres Aes D4/08/1998
8WR163		Hollis SL	Emeryvilie	Geomatrix	Geomath: 04/18/1998 Consult
8WR171	Well Destruction	Powell St	Emeryville	Treachwell & Rolio	Pitcher 04/20/1998 Drilling Co.
8WR195	for	Hollis St	Emeryville	Weiss Associates	Weiss Asso : 05/18/1998
8WR196	Contaminatio n Study Monitoring	Holiis St	Emeryville	Weiss Associates	Weiss Asso C5/18/1998
8WR206	Weil Borehole - Geotechnical	Shelimound St	Emeryville	Levine Fricke	Plicher 05/22/1998 Drilling
8WR215	Supply Well	Bay St	Emeryville	Geomatrix	CTANEN 06/01/1998
8WR217	Monitoring Well	Doyle St 55Th St	Emeryville	Soma Corp	Gregg Drilling
8WR242		Sberwin Av	Emeryville	Levine Fricke	Lucas 06/18/1998 Goldstein
8WR263	Well Destruction	45th Si Watts	Emeryville	Environ	Environ Corp 06/29/1998
8WR264	Borehole - Contaminatio	Park Av	Emeryville	Weisc Associates	Gregg 07/02/1998 Drilling
8WR272	Contaminatio	Horton St	Emeryville	Treachwell & Rollo	Exploratory 07/07/1998 Boring&Gsup
	n (* 1777) 1979 - 1979				ply Wellsampling
8WR292	Borehole - Geolechnical	Park Av	Emeryville	Treadwell & Rolio	Treadwell&R 07/15/1999

98WR294	Containinado	65Th St	Emeryville	ACC Environmental Consultants	ACC Environmenta	07/21/1998
	n				I Consultante	그는 것 같은 것 같은 것을 했다.
1.11				المواجع المراجع المحمد المراجع المراجع المراجع المحمد المراجع ا	말 같다.	그 집안에서 제공을 알려졌다.
98WR295	Well Destruction	Sheilmound St	Emeryviae	Erler & Kalinowski		07/21/1998
98WR308	Monitorina	Shelimound St	Emeryville	E&K Inc	Eierő Kalinow	07/29/1998
	Well	القريب فرواد المتحد المحاد	5 - C. A.		sid inc	
98WR312	Well Destruction	Horton SI	Emeryville	Levine Fricka	Levine-Fricke Recon	07/30/1095
98WR327	Monitoring	Shelimound St	Emeryville	Rga Enviro	Rga Enviro	06/11/1998
	Well Borshole -	Powell St	Emeryville	Woodward Clyde	Patricia	08/14/1998
	Contaminatio n			전 가장 관람 주말	Thomas	
	Well Destruction	Sherwin Av	Етегучіїе	Levine Fricke	Lavine-Fricke Recon	08/14/1998
1. A. A. A.	Well	Park Av	Emeryville	E&Kinc	Erier&Kalino	09/17/1009
	Destruction		E-most intered	LUKIN	wski Inc	
	Monitoring	Park Av	Emeryville	E&K Inc	Erler&Kalino	08/17/1998
98WR375	Well	Shelimouind St Christie Av	Emeryville	Erlerik Inc	wski inc Erier&Kalino	09/01/1998
	Borehole -	Powell St	Emeryville	Clear Water Group	visiti inc Clearwater	09/10/1998
	Geolechnical	ta de selete				
	Well Destruction	San Pablo Av	Emeryville	Geologic	Woodward	09/23/1998
	and a second second					
	Borehole - Contaminalio	Park Si	Emeryville	Poodpro Int	Foodpro	09/25/1998
	n Borehole -	Hollis St	Emeryville	Geomatrix	Geomatrix	10/05/1995
	Contaminatio N		tan sud.		Consultants	
98WR428	Borehole - Geolechnicai	Chrislie Av	Emeryville	Aqua Science Engineering	Aqua Science Engineering	10/09/1998
		a de la composition d Esta de la composition			an gen (COLD 6)	
98WR443	Borehole -	Park Av	Emeryville	E&K Inc	Erler&Kalinos	10/19/1998
1	Geotechnical				М	
	Well Destruction	Hotis St	Emerydle	Clayton	Clayton Enviro	10/27/1998
98WR454	Well	Holis St	Emeryville	Clayton	Clayton	10/27/1998
A	Destruction			- and the second se	Enviro	
	Weß	Hollis St	Emeryville	Clayton	Clayton	10/27/1998
<b>H</b>	Destruction			요가 같은 물질을 통했다.	Enviro	
98WR493	Borehole - Contaminatio	Magnolia St	Emeryville	Sequola Environmental	Sequola Enviro	11/20/1998
98WR508	n Monitoring	Shelmound St	Emeryville	Trc	Trc	11/24/1998
	Well Monitoring	Powefi St	Emeryville	Welss Associates	Weiss Asso	
	Well Sorahole -	Sherwin Av	Emeryville	Levine Fricka	Levine-Fricke-	동생되지 그는 그는 것이 잘 물었다.
	Sorenole - Geolechnical		сполучие	LOTH HE FIGO	Recon	12144 (000
	Well	Ocean Av	Emeryville	Inti Geo Logic	International	12/22/1998
2 N. J.	Destruction	an an an ann an tha an tha Tha an tha an	di kardi		Geologic	مرکز وجود به اکثر استان میتوند. واین استان استان این این این استان وای
	Borehole Geotechnical	Hollis Av Park Av	Emeryville	Subsurface Consultants	Subsurface Consultants	12/24/1998
가지 갑자기	Borehole -	Christie St	Emerwide	Aqua Science Engineering	Aqua Scienca	01/20/1999
	Contaminatio	Circleto St.	Слистутие	uden evenen og riðingeninð	Engineering	e11441.1992
	•					
99WR029	Borehole - Contaminatio	Powell St Shelmound St	Emeryville	Kleinlekier	Exploration,	01/21/1999
	n Borehole -	San Pablo Av	Emerydile	Environ	Inc Percision	01/28/1999
	Contaminatio	wast the off	Contrast and a second second	ا این از این از این	Sampling	viii v 1000

	Borehole - Geotechnical	66Th St	Emeryville	Aqua Science Engineering	Aqua Science 02/05/1999 Engineering	
1.12.23	e a contre			المحمد المراجع المراجع المحمد المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع		
9WR067	Monitoring Well	86Th SI	Emeryville	Geomatrix Consult	Geomatrix 02/24/1999 Consultents	
9WR068	Well Destruction	San Pablo Av	Emeryville	Geo-Logic	Woodward 02/24/1999 Drilling	
9WR077	Monitoring	Emerybay Village	Emeryville	Kleinfelder, Inc	Klehnfelder, 03/02/1999 Inc	
	Borshole - Contaminatio	66Th Av	Emeryville	Geomatrix Consult	03/05/1999	
9WR101	n Borehole - Contaminatio	Sherman Av	Emeryville	Levine- Fricke	03/15/1999	
9WR113	n Well Destruction	Bay St Hollis St	Emeryvilke	Erler Kalinowski	03/26/1999	
9WR114	Borehole - Contaminatio	Park Av	Emeryville	Aqua Science Engin	03/26/1999	
9WR162	R Borehole - Contaminatio	65Th St	Emeryviān	Gribi Associates	Kvilhaug Vvell 04/27/1999 Drilling&Pump	
	n				Co	
	Borehole - Contaminatio N	66Th 31	Emeryville	Gribi Associates	Kvilhaug Well 04/20/1999 Driling&Pump Co	
	Well Destruction	Holis Gail St	Emeryville	Treadyrell&Rollo	04/28/1999	
9WR194	Borehole - Geolechnical	53rd Horton St	Emeryville	Treadwell & Rolio	05/07/1999	
<u>8111798</u>	Sorehole - Contaminatio	Landregian St	Emeryville	Stellar Enviro	05/07/1999	
9WR213	n Monitoring Well	Horton St 1450 Sherwin Av	Emeryvitie	Lfr	05/12/1999	
9WR215	wei Monitoring Wei	Horton St 1450 Sherwin Av	Emeryville	Lfr	05/14/1999	
9WR217	Borehole - Contaminatio	66Th St	Emeryville	Gribi Assoc	Kvilhaug 05/14/1999	
9WR229	n Borehole - Geolechnical	Sheilmond St	Emeryville	URS	05/24/1999	
	Borehole - Contaminatio	Powell St	Emeryville	Basic Enviro	06/01/1999	
9WR247	a Borehois - Contaminatio	Christie St Powell	Emeryville	Stellar Enviro	06/02/1999	
9WR271	n Monitoring Well	Sherwin Av	Emeryville	Entrix	Gregg 06/14/1999 Drilling	
9WR272	Monitoring Weil	Ahiron Parking Lot	Emeryville	Entrix	Gregg 06/14/1999 Dritiling	
	Borehole - Contaminatio n	Sherwin Av	Emeryville	Entrite	Precision 06/14/1999 Sampling	
9WR274	Borehole - Contaminatio	Chevron Parking Lot	Emeryvili <del>o</del>	Entrix	Precision 06/14/1999 Sampling	
9WR275	n Borehole - Contaminatio D	Sherwin Av	Emeryville	Entrix	Gregg 06/21/1999 Dtilling	
9WR276	Borshole - Contaminatio	Shenda Ay	Emeryville	Entrix	Precision 06/21/1999 Sampling	
9WR277	n Monitoring Well	Sherwin Av	Emeryville	Entrix	Gregg 06/21/1999 Drilling	
	Borehole - Contaminatio N	Chevron Parking Lot	Emeryville	Entrice	Precision 06/21/1999 Sampling	
9WR279	Borehole - Contaminatio	Sherwin Av	Emeryville	Entrix	Gregg 06/21/1999 Drilling	
	n Mon/loring	Sherwin Av Union Pacific Railroad	Emeryville	Entrix	Gregg 08/21/1999	

99WR283	Monitoring Well/Borehola	Sherwin Av Union Pacific Railroad	Emeryville	Entrix	Gregg Drilling	06/21/1999
99WR284	Borehole - Contaminatio	Sherwin Av	Emeryville	Entrix	Gregg Drilling	06/21/1999
99WR285	n Monitoring	Sherwin Av	Emeryville	Entrtx	Gregg	08/21/1999
9WR288	Well Borehole - Contaminatio	Chevron Packing Lot	Emeryville	Entrity	Drilling Percision	06/21/1999
9WR287	n Borehoie -	Sherwin Av	Emeryviäe	Entrix	Sampling Percision	06/21/1999
1.1	Contaminatio n				Sampling	
9WR288	Borehole - Contaminatio n	Sherwin Av	Ernerydlie	Entrix	Gregg Ortiling	06/21/1999
9WR289	Borehole - Contaminatio	Chevron Parking Lot	Emeryville	Entrix	Percision Sampling	06/21/1999
9WR290	n Sorehole - Contaminatio	Sherwin Av	Emeryville	Enirix	Percision Sampling	06/21/1999
	n Menitoring	Chevron Pariding Lot	Emeryville	Enitix	Gregg	05/21/1999
9WR292	Well Monitoring Well	Sherwin Av	Emeryville	Entrix	Drilling Gregg Drilling	06/21/1999
9WR293	Monitoring Wel/Borehole	Sherwin Ay Union Pacific Reliroad	Emeryville	Entrix	Gregg Drilling	06/21/1999
9WR294	Borehole - Contaminatio	Sherwin Av	Emeryvise	Entrix	Gregg Drilling	06/21/1999
	n Monitoring Well	Sherwin Av	Emeryville	Entrix	Gregg Drilling	06/16/1999
9WR296	Borshole - Contaminatio	Ahiron Parking Lot	Emeryville	Entrix	Percision Sampling	06/16/1999
2.1.1.1.4621.	n Sonshole - Contaminatio D	Sherwin Av	Emeryville	Entrix	Percision Sampling	08/16/1999
9WR298	Borahole Contaminatio	Sherwin Av	Emeryville	Entrix	Gregg Drilling	06/16/1999
9WR299	n Borehole Contaminatio	Ahiron Parking Lot	Emeryville	Entrix	Percision Sampling	06/16/1999
	n Borehole - Contaminatio	Sherwin Av	Emeryville	Entrix	Percision Sampling	08/18/1999
9WR301	n Monitoring Weil	Ahiron Parking Lot	Emeryville	Entrix	Gregg Drilling	06/16/1999
9WR302	Nonitoring Weil	Sherwin Av	Emeryville	Entrix	Gregg	05/15/1999
9WR312	Monitoring Well	66Th St	Emeryville	Gribi Assoc	Kvilhaug	06/21/1999
9WR318	Monitoring Well	66Th St	Emeryville	Gribi Assoc	Kvilhaug	06/22/1999
	Borehole - Contaminatio	Sherwin Av	Emeryville	Enirix	Precision Sampling	06/28/1999
9WR331	n Supply Well	Sheimound Rd	Emeryville	Erler & Kalinowski		06/28/1999
9WR336	Supply Well	Sheilmound St	Emeryville	Erler & Kalikowski		07/01/1999
9WR337	Supply Well	Sheilmound St	Emeryville	Erler & Kalinowski		07/01/1999
9WR338	Supply Well	Shellmound St	Emeryville	Erler & Kalinowski		07/01/1999
	Borehoie - Contaminatio	38m	Emeryville	Lir		67/07/2001
9WR409	n Borehole - Geotechnical	59th Peladeav St	Emeryville	Treadwell & Rollo		07/14/1999
	Monitoring Well	San Pablo Ave	Emeryville	Geologic	Woodward	07/16/1999
9WR477	Borehole - Contaminatio	461h	Emeryville	Precision Sampling	Drilling	07/30/1999
9WR479	n Borehole - Contaminatio	63Rd	Emeryville	Azure Env	Precision Sampling	07/30/1999
	N .	1997), A. 1997, A. 1997, A. 1997	$(a_{1}^{*},\ldots,a_{n}^{*})$	신에서는 것이나 방법을 위	oanibad	승규가 영화 영화 방송 방송

99WR504	Dorehole -	Multiple Loc See Attached Map	Emeryville	Geomatrix	U.S. Army	06/16/1999
, · ·	Contaminatio n		Section 20	요즘 전문 소설을 얻을	Corps Of	물건 물건 수 문건을 감각했다.
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			4147 J.A.		Penetromete	e an
					Letter of the field	
	Output als	55ib			에는 옷이 많은 것을 했다.	
99WR520	Contaminatio	5007	Emeryville	Gribl Assoc		08/27/1999
	-D		1. A.		김 사람은 모음	물건가 가서 그렇는 가슴?
		Dentin		a second and the second se		
99WR560	Well	Horton	Emeryville	Levine Frickle		C9/16/1999
			1 L L .	a gala da kasila sa s		
99WR591	Borehole -	Powell	Emeryville	Grokler Assoc		10/06/1999
	Geotechnical	이 가지는 것을 위해 가지 않는 것을 했다.				이 물건은 것을 가지 못했는 것이 없다.
		· 영상 <u>· · · ·</u> · · · · · · · · · · · · · · ·	1.21.32			제 옷 옷 옷 눈가 지수가 물었다.
99WR599	Borenoie -	63Rd	Emeryville	Azure Env	Gregg	10/12/1999
1.1.1	Contaminatio	이 가지는 것을 위한 것 같은 것이야?			Drilling	사람이 아파 아파 아파 가 같아.
		Christie Ave	2 S S S S S S S S S S S S S S S S S S S			
99WR600	Gentechnical	Chosue Ave	Emeryville	Harza Engin		10/13/1599
	Georecanica		e produce p			
	Borehole -	65Th	1 <u>2</u> 2 2			영화 이 것 같은 것 같은 것 같이 없다.
99WR601	Sorenole - Contaminatio	65IN	Emeryville	Gribi Assoc	Kvilhaug	10/13/1999
. :	n Conteneration		1	승규는 것이 많이 많이 같다.		
			11 <u>2</u> 3 4 <u>2</u> 1			
99WR812	Borenole	Christie Ave	Emeryville	Aqua Science Engints	영상 가지 같은 것	10/20/1999
1.11.1	Contaminatio		11111			영상 가슴 것을 알 물건했다.
أحريقة وسمع			아이들이 있는		الأعبي الأخمار الراغان	성 것 같아요. 아파 영화 문화
99WR616	Well Destruction	Powell	Emeryville	Golder Assoc		10/20/1999
1.1	Destruction		ting the state		1222 4 11 1	한 동안 같은 일부가 있는 것을 받았다.
· · · · · · · · · · · · · · · · · · ·			4. <u>1</u> 7. d <u>a</u> 1	이 같은 것을 위한 것이 같아요.	영양 이 같은 것을 같은 것을 했다.	영소 않는 것 이 같은 것 같은 것
99WR617	Borehoie -	63Rd	Emeryville	Azure Env	Gregg	10/20/1999
	Contaminatio		11111	김 사람들은 전문 소문을	Dritting	다 같은 것이 같은 것이 것을 가슴.
			and and f			
	Well	Sheumand St	Emeryville	Rga Env	Gregg	10/26/1999
1.	Destruction		an er ber u		Driffing	والمتحصين والمتعاد والمتعاد والمراجع والمراجع
						그는 것 같아? 아무 가슴 같다.
99WR635	Well	Holits Park	Emeryville	CH2M Hill	이번 사가 감독하는 것	10/29/1999
•	Destruction		a discrete pre-			승규는 이 영화는 것을 수 있었다.
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89WR660	Borehole •	Christie Ave	Emeryville	Harza Engin		11/10/1999
÷.,	Geolechnical					
- 1 - 1 - <u>1</u>	1					
99WR669	Monitoring	41st Adeline	Emeryville	Block Env Serv		11/16/1999
	Web				한 옷을 물을 받을	
	Well	Powell	Emeryville	Gettler-Ryan	Field	11/19/1999
	Destruction		t transformer and the		Solutions Inc	물건 이 가는 이야기를 가지 않는
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99WR672	Supply Well	Powell St	Emeryville	Geitler-Ryan	Bay Area	11/22/1999
A :	الرواب المراجعة المراجعة		and and an an arrival			승규는 모습이 가지 않는 것이 없는 것이 없다.
99WR674	Borenole -	Poweli	Emeryville	Gettler-Ryan	Vironex	11/22/1999
	Contaminatio					
	n	ga sa kata kata bata bata b		이는 영국에서는 이번 사람이 있다.		~ 같은 것 같은 ~ 가 있는 것이 같이
99WR679	Monitoring	. 66Th	Emeryville	Gribi Assoc		11/29/1999
	Weil			김 씨는 사람의 사람이 있었다.	그는 영상 관계	
99WR701	Borehole -	Horton	Emeryville	ices		12/09/1999
	Geotechnical					남자의 동안 가슴에서 동안되는 것이다.
1.1	さくさい しんしゃ					방송은 승규가의 문화 관계가
99WR707	Monitoring	Park. Lot Horton Stwn 45Th & 53Rd	Emeryville	Lfr	Gregg	12/16/1999
1 A A A A A A A A A A A A A A A A A A A	Wei/Web				Orliling	물건 것 같은 것 같은 것 같이 많이
1.11.11	Destruction	ang pananan terter katat	an shi shi	이번 가지 가지는 것 같아요.	a fan San Earle	승규는 아이는 것을 가지 않는 것을 하는 것을 하는 것을 수 있다. 나는 것을 수 있는 것을 것을 것을 것을 것을 것 같이 않는 것을 것을 것 같이 않는 것을 것 같이 않는 것을 것 같이 않는 것 않는 것 않는 것 같이 않는 것 않는
	set, a li e li e		n per te			방송 동네는 것 같은 소문이다.
W00-062	Borehole -	Adeline St	Emeryville	Hallenbeck & Assoc	Hesupply	02/04/2000
	Contaminatio				Welkhilling	양편 김희 방송에 드라 관심했다.
	n		1. S. 1. L.			
W00-	Supply Well	Sherwin Ave	Emeryville	Levine Fricke	Water	03/18/1999
101A					Development	ار و میگرد این از این از می کند. از می این از این از این می <del>اند. از می</del> اند. این از می کند میکند از این از میاند از میاند.
- <b>-</b>	and the second of		e de la ferre		Corporation	요즘 집에 다니 아이들이 있는 것이 없다.
1 A A	and the second		an di a			같은 이 옷을 물건을 했다.
1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -			and the fill			승규는 것은 것은 것을 가지?
W00-148	Borehole -	Shelimound St	Emeryville	Eviton Intl Corp	10년 1월 27일 4일	04/04/2000
	Contaminatio					방법 전에 가지 않는 것이 같아.
	a e e filipio			같은 영화에 가지?		방송 가지 않는 것은 것은 것이다.
	Monitoring	Park Ave	Emeryville	Geraghty & Miller		04/24/2000
	Well					
W00-198	Borehole(s)	Christie Ave	Emerwile	Aqua Science-Davis	and a start of the	04/28/2000
	for			· · · · · · · · · · · · · · · · · · ·		
	Geotechnical		1. 19 . 2. 2		~ 말 가 말 가 말 가 말 다 말 다 말 다 말 다 말 다 말 다 말 다	그는 사람이 나는 것을 다 봐요?
11 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	Study		고 한 문 문			방법에서 대한 사람이 있는 것이 없다.
	Borehole -	59th & Holls	Emeryville	Treadwell & Rolio		05/10/2000
	Geolechnical					<u></u>
			1.11.11.11	Harza Engineering		05/08/2000
	PZ	Christle Ave	Emervelle			
W00-275	PZ PZ	Christie Ave	Emeryville		i de la de la com	
W00-275	PZ.	Christie Ave	Emeryville	Harza Engineering		06/08/2000
N00-275 N00-276 N00-277						

W00-368	Borehole - Geolechnical	San Palbo Ave	Emeryville	Lowney Associates		06/13/2000	
W00-389	Sonahole -	Holis Si	Emeryville	Soma Environmental	Enviro Soli		
1100-000	Contaminatio				Tech		
N00-408	n Borehole -	Powell St	Emeryville	Browns & Mills	Consulting	07/06/2000	신물 문화되었다.
100-100	Geotechnical	T CHILL CI	C IIII Y IVA				
N00-409	Well	Christie Ave	Emeryville	Harza Engineering	Exploration	06/30/2000	
1100-408	Destruction	CITIBUE AVE	CULIER AND	панса сидинению	Geoservices	VOVOU/2000	
			이 관계 같은 물건		inc		
W00-410	Well Destruction	Chrislie Ave	Emeryville	Harza Engineering	Exploration Geoservices	06/30/2000	
1.1					inc		
N00-411	Well Destruction	Christie Ave	Emeryville	Harza Engineering	Exploration Geoservices,	06/30/2000	
1.1.1.1.1			e ferter ka		Inc		1100000
NU0-412	Well	Christie Ave	Emeryville	Harza Engineering	Exploration Geoservices	06/30/2000	1.1.1.1.2.1.2.2
	Desclouter				inc		
A00-413	Monitoring Well	Christie Ave	Emeryville	Karza Engineering		06/30/2000	
N00-481	Well	Holis St	Emeryville	Gregg Drilling	Gregg	08/09/2000	는 가장은 가장도 가지 않았다. 그는 것은 다 같은 것을 가지 않았다.
000.401	Destruction				Drilling		
N00-517	Borehoie -	Park Ava	Emeryviße	Subsurface Consultants	Bay Area	08/31/2000	승규는 소설을 통하는
116-0017	Geotechnical	FOILATO	CILIENTYTING	OUDSUITADO CONSURAINS	Explor	00/31/2000	
	Borehole -	Park Ave	Farmer 41	Subsurface Consultants			
<u>N00-518</u>	Borehole - Geotechnical	2'8IK AYB	Emerydde	ouosunace consultants	John Sarmiento	08/31/2000	
	Carl Service and		김 국민 문민의				
N00-544	Monitoring Well	Sheilmound St	Emeryville	Rga Enviro Inc	Gregg Drilling	09/11/2000	
N00-551	Weli	Powell St Plaza	Emeryville	Pes Environmental	Gregg	09/20/2000	
100	Destruction				Drilling	2 전 문화 영화	
N00-552	Well	Powell St Plaza	Emeryville	Pes Environmental	Gregg	09/20/2000	
	Destruction				Drilling		
N00-553	Well	Powell St Plaza	Emeryville	Pes Environmental	Griegg	09/20/2000	
100.000	Destruction				Drilläng	001002000	
N00-554	Well	Powell St Plaza	Emeryvike	Pes Environmental	Gregg	09/20/2000	
100-00-1	Destruction		Chiralyting		Dniling	00/20/2000	
N00-555	Well	Powell St Plaza	Emerwille	Pea Environmental	Gregg	09/20/2000	같이 물건물건
400-333	Destruction	1 (400 01) 1220			Drilling	09/20/2000	2 12 12 12
N00-556	Well	Powell St Plaza	Emeryville	Pes Environmental		anmanina	
1100-330	Destruction	FOREN ON FREES	Carnet Seamo	Les Entrichenden	Gregg Drilling	09/20/2000	
		<b>0</b>		1월 28일 - 1994년 Alexandroid (1997년 1997년 1997 1월 19일 - 19g - 19g - 19g - 1 19일 - 19일 - 19일 - 19g			
N00-557	Well Destruction	Powell St Plaza	Emeryville	Pes Environmental	Gregg Drilling	09/20/2000	
<u> 000-558</u>	Well Destruction	Powell St Plaza	Emeryville	Pes Environmental	Gregg Delling	09/20/2000	
	an An an Agus an San Ag	아님이 아님과 아니 가지 않는					
N00-559	Borehole - Contaminatio	Powell St	Emeryville	Pes Environmental	Gregg Drilling	09/14/2000	
÷	n i i i		가 잘 있는	승규가 문화하는 것이 같이 많이	Pund		
<u>V00-605</u>	Botehole - Geolochnical	San Palbo Ave 40Th St	Emeryville	Harza Engineering	Tuber Con	09/25/2000	승규는 영화 문화
100	October 1990	a general de la sectión de					
V00-633	Boxehole -	Sherwin Ave	Emeryvise	Entrix Inc	Gregg	10/12/2000	
	Contaminatio		t satt sy		Drilling		
V00-654	Supply Well	Hollis St	Emeryville	Soma Environmental	Alpha Geo	10/15/2000	
V00-876	Well	Park Ave	Emeryville	Alisto Engineering	Services V&Supply	10/24/2000	[] 다 동생은 다
100-070	Destruction	10000	En ver yvine	Anno Engineon A	Welidriller	101242000	
000 677	Well	Park Ave	Emage	Afete Casineadan	Uname	400040000	
<u>V00-677</u>	Destruction	FOIR AVE	Emeryville	Alisto Engineering	Hesupply Welidrilling	10/24/2000	
	1. A						
<u> VOO-678</u>	Well Destruction	Park Ave	Emeryville	Alisto Engineering	V&Supply Welkhiller	10/24/2000	
	1 A		n se sa s				
<u>V00-679</u>	Well Destruction	Park Ave	Emeryville	Alislo Engineering		10/24/2000	
1. N.			e statisticae.				
V00-680	Well	Park Ave	Emeryville	Alisto Engineering		10/24/2000	والأعموس فيترض بالمراجل المترايات
	Destruction						マイ・コート・シス ムモン ひてい

W00-881	Destruction		그렇는 말 다른 것이다.			같은 문화가 가지 않는 것
W00-682	Weil Destruction	Park Ave	Emeryville	Alisto Engineering		10/24/2000
<u>W00-683</u>	Well Destruction	Park Ave	Emeryvitle	Alisto Engineering		10/24/2000
W00-684	Well Destruction	Park Ave	Emeryvile	Alisto Englneering		10/24/2000
W00-685	Well Destruction	Park Ave	Emeryville	Alisto Engineering		10/724/2000
W00-686	Well Destruction	Park Ave	Emeryville	Alisto Engineering		10/24/2000
<u>W00-687</u>	Well Destruction	Park Ave	Emeryville	Alisto Engineering		10/24/2000
W00-685	Well Destruction	Park Ave	Етекуда	Alisto Englineering		10/24/2000
<u>W00-689</u>	Well Destruction	Park Ave	Emeryville	Alisto Engineering		10/24/2000
<u>W00-690</u>	Well Destruction	Park Ave	Emeryville	Alisto Engineering		10/24/2000
<u>W00-691</u>	Well Destruction	Park Ave	Emeryville	Alisto Engineering		10/24/2000
W00-692	Well Destruction	Park Ave	Emeryville	Alisto Engineering		10/24/2000
<u>W00-717</u>	Weil Destruction	Holfins St	Еттогучіве	Pg&E Technology	Gregg Drilling	11/15/2000
<u>W00-718</u>	Weil Destruction	Holits St	Emeryville	Pg8E Technology	Gregg Drilling	11/15/2000
<u>W00-719</u>	Weil Destruction	Hollis St	Emeryville	Pg8E Technology	Gregg Drilling	11/15/2000
<u>W00-720</u>	Well Destruction	Hollis St	Emeryvil <del>le</del>	Pg&E Technology	Gregg Drilling	11/15/2000
W00-721	Well Destruction	Hollis St	Emeryville	Pg&E Technology	Gregg Drilling	11/15/2000
W00-722	Well Destruction	Hollis St	Emeryville	Pg&E Technology	Gregg Drilling	11/15/2000
W00-723	Monitoring	Holitis St	Emeryväle	Pg&E Technology	Gregg	11/15/2000
W00-724	Well Monitoring	Holiis St	Emeryville	Pg&E Technology	Drilling Gregg	11/15/2000
W00-725	Well Monitoring	Holiis St	Emeryvitie	Pg&E Technology	Drilling Gregg	11/15/2000
	Well Well Destruction	Holiks St	Emeryville	Pg&E Technology	Drilling Gregg Drilling	11/15/2000
W00-727	Well Destruction	Holiia St	Emeryvilla	Pg&E Technology	Gregg Drilling	11/15/2000
W00-765	Monitoring	Sberwin Ave	Emeryville	Entritx Inc	Precision	11/03/2000
W00-800	Well Borehole - Geotechnica!	Adeline St	Emeryville	Subsurface Consultants	Sampling Bay Area Explor	11/14/2000
W00-801	Monitoring Well	Adeline St	Emeryville	Subsurface Consultants	Bay Area Explor/Sarmie	11/14/2000
				김 사람들을 것	nto&Asso	
W00-802	V	Sherwin Ave	Emeryville	Entrix Inc	Gregg Driking	11/13/2000
W00-803	۷	Sherwin Ave	Emeryville	Entrix Inc	Gregg	11/13/2000
WD0-804	<b>v</b>	Sherwin Ave	Emeryville	Enirix inc	Dritting Gregg	11/13/2000
W00-805	v	Sherwin Ave	Emeryvilie	Entrix Inc	Drilling Gregg	11/13/2000

	Well Destruction	Sheilmound St	Emeryville	Kleinfeider		12/07/2000	
	Well Destruction	65Th St	Emeryville	Gribi Associates	Gregg Drilling	12/19/2000	
W00-892	Well Destruction	86Th St	Emeryville	Gribi Associates	Gregg Drilling	12/19/2000	
W01-0001	Borehole(s) for	Horton St	Enteryville	Eder & Kalinowski, inc-Burlingame	Gregg Drilling	01/03/2001	01/02/2001
<sup>1</sup>	Contaminatio n Study				Uning		
W01-0008		64Th St	Emeryville	Erler & Kalinowski, Inc-San Mateo	Gregg Drilling	01/25/2001	01/03/2001
W01-0009		64Th St	Emeryvide	Erler & Kalinowski, Inc-San Mateo	Gregg	01/25/2001	01/03/2001
	Well Construction				Dritiing		
	VVeQ	64Th St	Emeryville	Erier & Kalinowski, Inc-San Mateo	Gregg Dritting	01/25/2001	01/03/2001
W01-0011	Construction Monitoring	64Th St	Emeryville	Erler & Kalinowald, Inc-San Mateo	Gregg	01/25/2001	.01/03/2001
	Well Construction			111日1日1月15日	Drilling		
1 A 1	lor Geolechnicai	Christie Stvd	Етнегууше	Treadwell & Rolio, Inc - Oakland	Ofario Bidg&Engine ering-Pierson	01/12/2001	01/10/2001
W01-0035	Sludy Monitoring	47th St	Emeryville	Salety Kleen Consulting-Alameda	Drilling Gregg	01/22/2001	01/10/2001
	Well Destruction				Oriting		
	for ·	471h St	Emeryville	Safety Kleen Consulting Alameda	Gregg Dritting	01/22/2001	01/10/2001
	Contaminatio n Study Monitoring	Paíx Ave	Emeryville	ARCADIS G&M. Inc-Richmond	V& Supply	02/02/2001	01/31/2001
	Well Construction				Welldniling Inc		
	Monitoring Well Construction	Park Ave	Emeryville	ARCADIS G&M, Inc-Richmond	V&Supply Welldrilling Inc	02/02/2001	01/31/2001
	Monitoring Well Construction	Park Ava	Emeryvise	ARCADIS G8M, Inc-Richmond	V&Supply Welldriling	02/02/2001	01/31/2001
W01-0123		Hollis St	Emeryville	SOMA Envi Eng, Inc	Gregg Drilling	03/04/2001	.02/22/2001
$(-1, -1) \in \mathbb{R}^{n}$	Contaminatio n Study						
19 - 19 de la	for Geotechnical	Adeline st & 45Th-46Th st	Emeryville	Tresdwell & Rolio, Inc - Sen Francisco	Pitcher Drilling	03/08/2001	02/28/2001
W01-0160	or	65th & 66th ave	Emeryville	Lowney Associates-Oakland	Rem Enterprises	03/09/2001	03/06/2001
1.11	Contaminatio n Study						
	Borehole(s) for Contaminatio	Horton St	Emeryville	Erler & Kalinowski, Inc-San Maleo		03/26/2001	03/22/2001
W01-0203	n Study Borehole(s) for	Doyte St	Emeryville	R.T Hicks Consultants	Fast Tek	04/03/2001	63/29/2001
	Contaminatio n Study						
	Borehole(s) lor Geotechnical	Horton St	Emeryville	Treaciveli & Rollo, Inc + San Francisco	Sarmiento&A SSO	04/10/2001	04/09/2001
W01-0216	Sludy Borehole(s)	65Th Street 66Th Street	Emeryville	Lowney Associates-Oakland		04/16/2001	04/09/2001
1	ior Contaminatio		1.10.10				

<u>W01-0217</u>	Borehole(s)	Powell St	Emeryville	Rt Hicks Consultants	04/18/2001	04/11/20
1.11	for Contaminatio					
	in Study					
W01-0218	Borehole(s) for	Hollis St	Emeryville	Geomatrix Consultants - Oakland	04/16/2001	04/11/20
1. 11.	Contaminatio		한 명신 그			
	a Study					영화 관계 관계
W01-0271	Well	59th & Peladean	Emeryville	ALTA Geo Services-Anderson	05/11/2001	05/07/20
	Construction					
W01-0272	Monitoring	59th & Peladean	Emerville	ALTA Geo Services-Anderson	05/11/2001	05/07/20
	Well					USIONEC
	Construction					
W01-0297	Monitoring	Horton St	Emeryvile	Eder & Kalinowski, Inc-Burlingame	05/25/2001	05/16/20
· ·	Well Destruction		g seletar se el			전문 관광하고
				한 것은 것은 것은 것을 수 없다.		
W01-0432	Borehole(s)	Doyle Si.	Emeryville	Subsurface Consultants & Associates,	06/13/2001	06/06/2
1111	for Geotechnical			ЩС-		
	Study					
W01-0514	Monitoring Well	Christie Ave	Eineryville	URS Corporation-San Francisco	06/28/2001	06/27/20
	Destruction					
<u>W01-0515</u>	Monitorion	Christie Ave	Emeryville	URS Corporation-San Francisco	06/28/2001	06/27/20
	Wei		Earter yvine	ene capatorean rimerico	00/20/2007	06/27/2
	Destruction			나는 아니는 것을 물을 줄을 했다.		
W01-0516	Monitoring	Christie Ave	Emeryvitle	URS Corporation-San Francisco	06/28/2001	08/27/2
	Well Destruction					1993 - S.
	Destruction					
N01-0517	Monitoring	Christie Ave	Emeryville	URS Corporation-San Francisco	06/28/2001	06/27/25
	Well Destruction					
	10.00				1996년 - 신영국 전체 1997년 1997 1997년 - 1997년 - 1997년	
N01-0518	Monitoring WeB	Christie Ave	Enveryville	URS Corporation-San Francisco	06/28/2001	06/27/20
	Destruction				영상 가슴	
				집 같은 것은 것을 가지 않는 것을 했다.	아이는 것은 것을 많이 많다.	
N01-0519	Well	Christie Ave	Emeryville	URS Corporation-San Francisco	06/28/2001	06/27/20
	Destruction					
N01-0520	Monitorino	Christie Ave	Emeryville	URS Corporation-San Francisco	06/28/2001	06/27/20
	Well				UN LUE LUT	00/2//20
	Destruction			물 그 동물 문 바람 생 것		
N01-0521	Monitoring	Christie Ave	Emeryville	URS Corporation-San Francisco	06/25/2001	06/27/20
	Well Construction		for the second	이 아이는 것은 것은 것을 가지 않는 것을 들었다.	한 이야지 않는 것이 없다.	전 사람이 같은 것이 같이 많이
a she të të sh	1			집에는 영국을 가지 않는 것이 없다.		
N01-0522	Monitoring	Christie Ave	Emeryville	URS Corporation-San Francisco	06/28/2001	06/27/20
	Well Destruction					م المرکز می این از این این این این این از این ا می این این این این این این این این این ای
1997 - 1997 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -						
<u> W01-0530</u>	Borenole(s) for	Holia st & Yerba Suena	Emeryville	Twining Labs-Fresho	07/10/2001	08/29/20
	Geolechnical			이는 것이 다가 물었는		
NO1-0574	Study Borehole(s) Vold	42nd st	Emeryville	PSI, Inc-Oakland	07/27/2001	07/23/20
	for	THE REAL PROPERTY OF THE PROPE	CURIANS	r ai, ne-Gaudru	<i>UII2II2</i> 001	V//Z3/20
	Contaminatio n Study		ار ایک کی ایک مرکز می اس		الم المراجع ال المراجع المراجع	
NO1-0575	Monitoring	San Pablo	Emeryville	SOMA Envt Eng, Inc	07/30/2001	07/23/20
~	Well					
	Destruction					
V01-0576	Monitoring	San Pablo	Emeryvitie	SOMA Envi Eng, inc	07/30/2001	07/23/20
1	Well Destruction		n very tu			
e da di			en de la const	그는 말한 것 같은 것 같아?	日本になどりくない	
<u>V01-0644</u>	Borehole(s) for	Powell st	Emeryville	RT Hicks Consultants Ltd-Albuquerque	08/07/2001	08/08/20
1111111	Contaminatio	land a substitute satel. Na substitute satel		<b>MIN</b>		
이 문화	n Study					
<u>V01-0683</u>	Monitoring Well	66th ave	Emeryville	GRIBI Associates Drill	2g 08/14/2001	08/13/20
	Destruction	and the second second states that the		- A set of the set	📲 Marana ang ang ang ang ang ang ang ang ang	an an an an Dudine Mar

	Well	66th ave	Emeryville	GRi8I Associates	Gregg Drilling	08/14/2001	08/13/20
	Destruction						
	Wei	66th ave	Emeryville	GRIBI Associales	Gregg Drilling	08/14/2001	08/13/20
la en el Transferencia	Destruction						
A/01-0686	Monitoring	66%h ava	Emeryville	GRIBI Associates	Gregg	08/14/2001	08/13/20
	Well Destruction				Drilling		
- 11 i i i	t. Santa da series						
W01-0687	Monitoring Well	66th ave	Emeryville	GRIBI Associates	Gregg Drilling	06/14/2001	08/13/20
i na de las	Destruction						
W01-0688	Borehole(s)	I-80 to Bay Bridge	Emerville	Environmental Resources Management	Gregg	06/20/2001	08/15/20
	for Contaminatio			Wainut Creek	Dritting		
	n Study	이 가슴을 다 같은 것		그 소문을 변경을 가격했다.			이는 말을 얻는
W01-0697	Borehole(s) for	Powell st	Emeryville	Subsurface Consultants & Associates,-	Bay Area	08/27/2001	08/21/20
	Geotechnical				Exploration	장님, 옷은 끈	
W01-0795	Study Democratica	Grove Way	Emeryville	Giles Engineering and Assoc-Anaheim	Rich Kosster	00000000	06/31/20
A	for		Chargenau	Caste Criffingering environmenteri	INKAT AVGOLET	00042001	0003120
	Geotechnical Sludy			영지 않는 것은 것을 했다.	- 1992年3月2日 マンパンパンパ		
W01-0800	Borehole(a)	Chiron Way	Emeryville	Erler & Kalinowski, Inc-Burlingame	Clear Heart	09/06/2001	09/05/20
	for Geotechnical				Drilling Lic		
	Study	المراجع المراجع المراجع المراجع المراجع . المراجع المراجع المراجع المراجع المراجع .	ana ang katalan katalan Manang katalan				ار در منابع از این ا این از این از این
N01-0801	Monitoring Mis Well	ising Chiron Way	Emeryville	Erier & Kalinowski, Inc-Burlingame	Clear Heart Drilling Lic	10/09/2001	09/05/20
	Construction						
N01-0830	Borehole(s)	UPRR Tracks @ Temescal cre	ek Emeryville	Parikh Consultante, Inc-Milpitas	Exploration	09/13/2001	09/12/20
	for Geolechnical				Geoservices, Inc		분명 관련
	Study	나는 것 같은 것 같은 것이?			INC		
	Monitoring	47th st	Emeryville	Cameron Cole, LLC-Alameda	Gregg	09/17/2001	09/14/20
	Construction				Drilling		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
N01-0850	Monitorina	47th st	Emerville	Cameron Cole, ULC-Alameda	Gregg	09/17/2001	09/14/20
	Well	-1016	Called Alling	Contents One, CCOMpilede	Drilling	991772001	US# (14/20
	Construction						14414
NO1-0851	Monitoring	471h si	Emeryville	Cameron Cole, LLC-Alameda	Gregg	09/17/2001	09/14/20
	Well Construction		1979 - SH		Drilling		
	i se se la se		김 이 관계 관계				
N01-0881	Borehole(s) for	Powell st	Emeryville	RT Hicks Consultants Ltd-Albuquerque- MN	Percision Sampling	09/26/2001	09/21/20
	Contaminatio n Study						
N01-1040	Monitoring	66lh ave	Emeryvile	GRIBI Associates		11/12/2001	11/07/20
	Well						
<sup>11</sup>							
N01-1046	Monitoring Well	66th ave	Emeryville	GRIBI Associates		11/12/2001	11/07/20
	Construction					한 옷을 얻을	
V01-1047	Rovebole(s)	Depot rd	Emeryvite	Engeo, Inc		11/15/2001	10/07/20
1	lor · ·	and the second	Tring Aling				IWV//Z
	Contaminatio n Study						
NO1-1050	Borehole(s)	City of Emeryville	Emaryville	Geomatrix Consultants - Oakland	1999 - Series A. S.	11/26/2001	11/13/20
1 1 1 1 1 1	for Contaminatio	eu est i la pacífic					것은 영화
	n Stady	ora -1					
	for .	65ih st	Emeryville	Treadwell & Rollo, Inc - Oaldand		12/15/2001	12/13/20
	Conlaminatio n Study						
V02-0049		Powell St	Emeryville	Lowney Associates-San Ramon		01/29/2002	01/24/20
	lor Geotechnical			집 같은 것 같은			
	Study	an an an an tha ann an tha An an					
V02-0152	Borehole(s) for	65th st & 66th st	Emeryville	Lowney Associates-Oskland		02/11/2002	02/07/20
	contaminatio						

 $\mathcal{F}_{2,0}$ 

W02-0238	Borehole(s) for	· . ·	65th st & 66th st		Emeryville	Lowney Associates-Oaldand	02/20/2002	02/20/20
	Conteminatio				i de perio		2.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	
W02-0269	n Study Borehole(s)	1.1	Powel st		Emeryville	Lowney Associates-Oaldand	03/04/2002	03/01/20
٨	for				Conviginee			ouronize
	Contaminatio n Sludy	1.1		المحمد أربيت				
W02-0558	Extraction Well		Horton st & Hub	bard at & Park eve	Emeryville	Tamalpais Environmental Consultants	06/04/2002	05/28/20
1.11	Construction							
W02-0609	Borebole(s)	EXEMPT	Emeryyise Marin	a. No. 2	Emeryville	Kleinfelder - Oakland	06/11/2002	06/10/20
	for Geotechnical					에 다음 나라 가슴을 잡다.	경험 문화 영화 영화 영습	
- 11 a	Study							
W02-0671	Sorehole(s) for		Hollins st		Enveryville	Erler & Kalinowski, Inc-Burlingama	07/08/2002	07/05/20
	Conterninatio	11.1			11.00			
W02-0675	n Study Borehole(s)	, i gerre	Horton st		Emeryville	CDM, Inc-Walnut Creek	09/04/2002	07/05/20
	for Contaminalio							
	n Study	la filia						
N02-0695	Extraction Well	- <u>-</u>	Powell st		Emeryvike	AEI Consultants-Lafayette	07/29/2002	07/22/20
1.11	Destruction							
N02-0696	Monitoring	1.1	Powell st		Emeryville	AEI Consultants-Lafayette	07/29/2002	07/22/20
	Well Construction	date a						
	i ji za k	11 C.						
W02-0697	Monitoring Well		Powell st		Emeryville	AE) Consultants-Lafayette	07/29/2002	07/22/20
	Construction	s e l'e				مام المرافق المراجع ال المراجع المراجع		
N02-0771	Monitoring		Park ave		Emeryville	Treachvell & Rollo, Inc - Oakland	08/05/2002	07/31/20
	Well Construction		4					
1.1	100 A.S.							
N02-0772	Monitoring Well		Park ave		Emeryville	Treadwell & Rollo, Inc - Oakland	08/05/2002	07/31/20
	Construction							
N02-0773	Monitorina	1. A. A.	Park ave		Emeryville	Treaciveli & Rollo, Inc - Oakland	06/05/2002	07/31/20
1 A.A.	Well							01101120
	Construction	99 A. A.						
N02-0774	Monitoring Well		Park ave		Emeryville	Treadwell & Rolio, Inc - Oakland	08/05/2002	07/31/20
$(h, g, \xi_{i})$	Construction							
N02-0787	Monitorina	1 t. 	Sheilmound st	김 영상 영화	Emeryville	RGA Environmental-Emeryville	08/07/2002	07/31/20
	Well Destruction	1.11						
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1							
<u>N02-0788</u>	Monitoring Well		Shelimound st		Emeryville	RGA Environmental-Emeryvitle	08/07/2002	07/31/20
	Destruction	e se se			g terdiri			
N02-0789	Monitorina		Sheilmound st		Emervylle	RGA Environmental-Emerydle	08/07/2002	07/31/20
	Weil Destruction	1.11			-			
	Deskingatori							
<u>N02-0790</u>	Monitoring Well		Shelimound st		Emeryville	RGA Environmental-Emeryville	08/07/2002	07/31/20
	Destruction	11.77				المراجع من المراجع الم المراجع المراجع		
N02-0791	Monitoring		Shelmound st		Emeryville	RGA Environmental-Emeryville	06/07/2002	07/31/20
	Well							
uni en	a se s	1.11	ing tak					
N02-0792	Monitoring Well		Shelmound st		Emeryville	RGA Environmental-Emeryville	08/07/2002	07/31/20
	Destruction	*					승규는 승규는 것같은	
V02-0793	Monitorina	1.1	Sheilmound st		Етегууйе	RGA Environmental-Emeryville	08/07/2002	07/31/20
	Well	1.00	and a second sec			T SHEET & SHEET PERFECTION OF THE PERFECT OF THE	VIIVII2002	07/31/20
	Destruction	$(x_j) \in \mathbb{R}^n$						
V02-0831	Monitoring Weil		Christie ave		Emeryville	Croley & Henring Investment Company	08/22/2002	08/20/20
	vrei Destruction	1	and the second second		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	an tha an Annatha an Anna an	さいしょうしん ひょうえいかい だいえつ しょうしい	and a strategic for the

1102-0032	Monitoring		Christie ave	Emeryville	Croley & Herring Investment Company	08/22/2002	08/20/20
1.21	Well Destruction	111	tere Kushi ji		그는 말 같은 것을 가 있다.		
W02-0833	Monitoring	ere ( <u>1</u>	Christle ave	Emerwike	Croley & Herring Investment Company	08/22/2002	08/20/20
	Wes	n i De la composition	Childre are	Circintum	crowy of restory interestion company.	UUVZEZUUVZ	00/20/20
- 1 T I	Destruction	1.5					
W02-0834	Monitoring Well		Chrislie ave	Emeryville	Croley & Henting Investment Company	08/22/2002	08/20/20
1.174	Destruction		-1 - 1 - A - 5 - 4				
W02-0835	Monitoring	111	Christie ave	Emeryville	Croley & Herring Investment Company	08/22/2002	08/20/20
	Well Destruction	g the g	f an Arfa				
1	1						
W02-0836	Monitoring Well		Christie ave	Emeryville	Croley & Herring Investment Company	08/22/2002	08/20/20
	Destruction	111					
W02-0837	Monitoring	11.11	Christie ave	Emeryville	Croley & Herring Investment Company	08/22/2002	08/20/20
1	Well Destruction	1.1.1.1.1.1.1					
e një së j	d a se						
W02-0838	Monitoring Well		Christie ave	Emerydiae	Croley & Herring Investment Company	08/22/2002	08/20/20
	Destruction	$M_{\rm e} = 10^{-1}$					
W02-0851	Bonehole(s)		671h ave	Emeryville	Lowney Associates-Oakland	08/29/2002	08/28/20
	for Geotechnical			아파 소가 모님			
	Study						
	Wei	778199	65th st	Епнетучёна	Cleveland Wrecking Company-Oakland	09/26/2002	09/24/20
	Destruction	4 J. 1					
N02-0932	Monitoring	778195	650h st	Emeryville	Cleveland Wrecking Company-Oakland	09/26/2002	09/24/20
	Well Destruction	ан. 1819 — Ар			그는 눈 눈 눈 눈 눈 눈 눈 눈 눈 눈 눈 눈 눈 눈 눈 눈 눈 눈 눈		
		778196	00%h at				
	wei	110180	65th st	Emeryville	Cleveland Wrecking Company-Oakland	08/26/2002	09/24/20
	Destruction						
N02-0934	Monitoring Well	778198	65ih si	Emerydle	Gleveland Wrecking Company-Oaldand	09/26/2002	09/24/20
	Destruction	- 1 ÷ ÷			그 그는 그는 것을 받았다.		
N02-0935	Monitoriaa	778197	85lh st	Emeryville	Cleveland Wrecking Company-Oakland	09/26/2002	09/24/20
	Well				energing strends onlinely careful		unra wat
	Cascillation	1.000					
N02-0936	Monitoring Well	778197	65th st	Emeryville	Cleveland Wrecking Company-Oakland	09/26/2002	09/24/20
	Destruction	1.1					
N02-0947	Borehole(s)	1.1 <sup>1</sup> .	Horion st & 53rd st	Emeryville	Geomatrix Consultants - Oakland	10/03/2002	09/25/20
	for Geotechnical		· · · · · · · ·				
	Study						
N02-0950	Borehole(s) for		Horton st	Emeryville	Erler & Kalinowski, Inc-Burlingame	10/01/2002	09/25/20
	Contaminatio n Study		an Araba an Araba. Araba an Araba		م المالية الأنوانية المراجع ال المراجع المراجع		
V02-0958	Borehole(s)	1.1	Powell st	Emeryville	Lowney Associates-Oakland	10/02/2002	10/01/20
	for Contaminatio						
	n Study			ana an sharar 1 an An an State La State			
	for :	197	Sherman Ava	Emeryville	CDM, Inc-Walnut Creek	10/04/2002	10/01/20
	Contaminatio n Study						
V02-1041	Supply Well		Poweli st	Emeryville	Lowney Associates-San Ramon	10/25/2002	10/23/20
	(Irrigation) Destruction	1997. 1997.	a di seconda di second Seconda di seconda di se		مانی است از با از با از این از ای مسیر از مرکز این این میکند و این		
N02-1066	Borebole(c)	19	62nd & Lundregen st	Emeryville	Erier & Kalinowski, Inc-Butlingame	11/11/2002	11/05/20
	for	11.11	veno o cunoregen St	слятучие	LINE O PUBLICATION, INC-DURINGBRIE	11/11/2002	11/05/20
	Contaminatio n Sludy	and An an an					
V02-1087		· · · · · · ·	UPRR Parcels	Emeryville	Erler & Kalinovski, Inc-Burlingame	11/14/2002	11/05/20

W02-1098	Sorehole(s) or	Horton st	Emeryville	Erler & Kalinowski, Inc-Burüngame	11/21/2002	11/12/20
	or Contaminatio 1 Study					
W02-1187	Aonitoring Vell	Powell st	Emeryville	Lowney Associates-Oakland	12/04/2002	12/02/20
	Construction		ga di stra sego di di stra se	ما المراجع المحالية المراجع المراجع المحالية المحالية المحالية المحالية المحالية المحالية المحالية المحالية ال محالية المحالية المحال		
W02-1168	Aonitoring Vell	Powell st	Emeryville	Lowney Associates-Oakland	12/04/2002	12/02/200
	Construction			가지 다 같이 가지 않는 것 같아요. 한 것이다. 이 가지 같은 것 같아요. 한 것 같아요. 한 것		
W02-1169	Monitoring	Poweil si	Emeryville	Lowney Associates-Oakland	12/04/2002	12/02/200
	Vell Construction				영화 이상에 관심하는 것을 받았다.	
W02-1170 M	fonitoring .	Powell st	Emeryville	Lowney Associates-Oakland	12/04/2002	12/02/200
· V	Vell Construction					
		Powell st				
W02-1175	Vell	POWER ST	Emeryville	Cambria Envi- Emeryville	12/04/2002	12/02/200
	construction					
W02-1176 N	lonitoring Veli	Powell st	Emeryville	Cambria Envi- Emeryville	12/04/2002	12/02/200
¢	Construction					
W02-1177	ionitoring Vel	Powell st	Emeryville	Cambria Envi- Emeryville	12/04/2002	12/02/200
	construction			가 그는 것 같은 것 가려져 있을까? 같은 것 같은 것 같은 것 같은 것을 것 같은 것 같은 것 같은 것 같은 것 같은 것을 것 같은 것		
W02-1178 N	lonitoring	Powell st	Emeryville	Cambria Envi- Emergidile	12/04/2002	12/02/200
	Veil Construction					
W02-1179 M	<b>lonitori</b> no	Poweli st	Emeryville	Cambria Envi- Emerville	12/04/2002	12/02/200
<b>.</b> .	Vell					
		Powell st				
	16	POWER	Emeryville	Cambria Envi- Emeryville	12/04/2002	12/02/200
And And	estruction					
W02-1181 W	konitoring /ei]	Powell st	Emeryville	Cambria Envi- Emeryville	12/04/2002	12/02/200
c	onstruction					
W02-1182	ionitoring /e8	Powell st	Emeryville	Cambria Erwt- Emeryville	12/04/2002	12/02/200
	onstruction	영화 관계 관계 관계	승규는	민준아 바람 민준 방송 관람 관람		
W03-0005 B	orehole(s)	Poweli st	Emeryville	John Carver Consulting-Oakland	01/09/2003	01/07/200
	ontaminatio					
	Study orehole(s) EXEMPT	65th st	Emeryville	LFR-Emeryville	01/22/2003	01/16/200
10	eotechnical					0
S	ludy	Sherwin ave				
W03-0054 B	eotechnical	Sherwin Hye	Emeryville	Camp Dresser & McKee-Walnut Creek	01/27/2003	01/22/200
5	hody			マン・シング コード しゃく ひょうよう ひょうかい		
	/ell	Powell st	Emeryville	Lowney Associates-Oakland	02/10/2003	02/06/200
	estruction- W-1					
W03-0101 M	onitoring /eli	Powell st	Emeryville	Lowney Associates-Oakland	02/10/2003	02/06/200
D	estruction- W-2					
N03-0102 M		Powell st	Emeryvise	Lowney Associates-Oakland	02/10/2003	02/06/200
D	estruction-					
N03-0103 M	W-3 enitoring	Powell st	Emeryville	Lowney Associates-Oxidand	02/10/2003	02/08/200
W	leti estruction-					
M	W-4	Union Pacific RR corridor	Emeryville	Edes & Malmanueld tax Dav	And a second	
<u>N03-0114</u> Be	r i i i i i i i i i i i i i i i i i i i	CONVERSION OF COMOUNT	Emeryville	Etter & Kallnowski, Inc-Burlingame	02/13/2003	02/10/200
	ectechnical udy	a she ka she sa sh				

W03-0126	Borehole(s)		471h el	Emeryville	Cameron Cole, LLC-Alameda	02/19/2003	02/13/200
	for Geotechnicel	n in th		and a second		영상 방송 전문 문문 문문	
	Study	1.1					
W03-0127	Sorehole(s) for	· · · ·	Poweli st	Emeryville	Cambria Ervt- Emeryville	02/14/2003	02/13/200
	Contaminatio						
W03-0131	n Study Borehole(s)	2 - A 4	Holija st	Emeryville	GRIBI Associates	02/21/2003	02/18/200
1100-0101	for .						
	Contaminatio n Study						
W03-0144	Borehole(s)		Powell st	Emeryville	Cambria Envt- Emeryville	02/25/2003	02/24/200
$(A_{1,2},A_{2,2})$	for Contaminatio				등 이 나는 것이 같은 것을 수 있다.		
	n Study	EXEMPT	651h st	Emeryville	LFR-Emeryville	03/12/2003	02/24/200
W03-0148	for	· · · ·	034134	EITHHYYNKE	Сля-сля учие	03122203	022420
	Geotechnical Sludy				이 같은 것은 것을 물었는 것을 물었다.		
W03-0147	Borehole(a)		Park avu	Emerydile	FUGRO West, Inc-Oakland	02/28/2003	02/24/200
	for Geotechnical						
1	Study	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.					
W03-0182	Sorehole(s) for	EXEMPT	65lh ave	Emeryville	LFR-Emeryvile	03/10/2003	03/10/200
	Geolechnical Study	- 1 j. t.					
W03-0210		807152	San Pablo ave	Emeryville	The San Joaquin Company, Inc-Cakland	03/28/2003	03/26/200
	Well Construction-						میں برآب افرادی ویکر درائی کرونکی
	SJC-MW-T1						
W03-0211	Manifadaa	607165	San Pablo ave	Emeryville	The San Joaquin Company, Inc-Oskland	03/28/2003	03/26/200
	Well		OULL LOUID TAN	Cliferyying	The ban Soliquin company, increasiant	03/20/2003	09204200
	Construction- SJC-MW-T2	· · · · ·				승규는 사람이 모양한	
a de la ca		1.1			승규는 가지 않는 것을 수 있다.		
W03-0212	Monitoring Well	807163	San Pablo ave	Emeryville	The San Joaquin Company, Inc-Oaldand	03/28/2003	03/26/200
	Construction- SJC-MW-T3	· ·			김 사람을 물건에 많다. 영상의		
111					그는 일종 모양을 가격을 들었다.		
W03-0213	Monitoring Well	807162	San Pablo eve	Emeryville	The San Joaquin Company, Inc-Dakland	03/28/2003	03/26/200
1.11	Construction-			1.11			
124	SJC-MW-T4				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	방송 문화 가슴 가슴 문화가 있다.	
W03-0214		807159	San Pablo ave	Emeryvilia	The Sen Joaquin Company, ino-Oakland	03/28/2003	03/26/200
1.10	Well Construction-	e ge		ar an b			
	SJC-MW-T5			1.44			
W03-0217	Monitoring	762691	Sheilmound & Bay st (Bay Street Mail)	Emeryville	Erler & Kalinowski, Inc-Burlingame	04/02/2003	03/26/200
	Well Construction-	1.1.1.1					
3 I I I I I I	E85-1						
W03-0218	Monitoring Well	762691	Shelimound & Bay st (Bay Street Mail)	Emeryvise	Erler & Kalinowski, Inc-Burlingame	04/02/2003	03/26/200
· · · · ·	Construction-	1 - E - E					
W03-0219	EBS-2 Monitoring	762691	Shelimound & Bay si (Bay Sireel Mail)	Emeryville	Erler & Katinowski, Inc-Burlingame	04/02/2003	03/26/200
	wei .		concentration of any of (any officer many				007207200
	Construction- EBS-3			4.1915			
N03-0220	Monitoring	762691	Shelimound & Bay st (Bay Street Mall)	Emeryville	Erler & Kalinowski, Inc-Burlingame	04/02/2003	03/26/200
	Weil Construction-			antis da s		영화 사가 영화 영화	124
	EBS-4	762691	Challengerad & Day at (Day Pirest Mall)	Emanadia	Erler & Vallassinki Ina Birflamina	0.1000000	0304000
	Well .	102091	Shellmound & Bay st (Bay Street Mall)	Emeryville	Erier & Kalinowski, Inc-Burüngame	04/02/2003	03/26/200
$1 \rightarrow 1 \rightarrow 1,$	Construction- EBS-5				① F 11 (14) (14) (14) (14) (14) (14) (14) (		
N03-0222	Monitoring	762691	Shellmound & Bay st (Bay Street Mail)	Emeryville	Erler & Kallnowski, Inc-Burlingama	04/02/2003	03/26/200
	Well Construction-	· ·	le de la granda de p	fan de g			
14 - A.M	EBS-6		신경 방법을 가슴다.		· 문화 · 문화 전 동안 것, 같은 동안 가슴 가슴. - 전 전 전 문화 전 문화 전 가슴 가슴 가슴 가슴.		
N03-0223	Monitosiag Well	762691	Shelmound & Bay st (Bay Street Mall)	Emeryville	Erler & Kalinowski, Inc-Burlingame	04/02/2003	03/26/200
	Construction- EBS-7	$x_{1} \in \mathbb{R}^{n}$					
N03-0224	Monitoring	762691	Sheilmound & Bay st (Bay Street Mali)	Emeryville	Erler & Kalinowski, Inc-Burlingame	04/02/2003	03/26/200
	Well	1			とうしょう ふたい とうしゃ ひんがんかん	イト・シート パート かんしょう アイス・ション・ション	i la servici
1. A. A. A. A.	Construction-	1	(a) A set of the se	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -			

W03-0225	Monitoring Web	762691	Shelimound & Bay st (Bay Street Mail)	Emeryville	Erier & Kalinowski, Inc-Burlingame	04/02/2003	03/25/20
	Construction EBS-9						
W03-0226	Monitoring Well	762691	Shellmound & Bay st (Bay Street Mall)	Emeryville	Erler & Kalinowski, Inc-Burlingame	04/02/2003	03/26/20
고관관	Construction EBS-10	11.00	이상은 상태 문제				
W03-0227	Monitoring . Well	762691	Sheilmound & Bay st (Bay Street Mail)	Emeryville	Erler & Xalinowski, Inc-Builingame	04/02/2003	03/26/20
	Construction		물건도 물건에 들어졌다.				
W03-0228	Monitoring Weil	Void	Shelimound & Bay sl (Bay Street Mail)	Emeryville	Erler & Kalinowski, Inc-Surlingame	04/02/2003	03/26/20
	Construction EBS-12-Void						
W03-0229	Monitorino	762691	Shellmound & Bay st (Bay Street Mail)	Emeryville	Erler & Kalinowski, Inc-Burlängame	D4/02/2003	03/26/20
	Well Construction						
W03-0230	MD-1	762691	Sheimound & Bay st (Bay Street Mail)	Emeryvilia	Erier & Kalinowski, Inc-Burlingame	04/02/2003	03/26/20
1.1.1.2	Well Construction- MD-2			- Inter print			032020
	Monitoring	762691	Shellmound & Bay st (Bay Street Mall)	Етнегууше	Eder & Kalinowski, Inc-Burlingame	04/02/2003	03/26/20
	Well Construction						
W03-0232	MD-9 Monitoring	762691	Shelmound & Bay st (Bay Street Mail)	Emeryville	Erler & Kalinowski, Inc-Burlingame	04/02/2003	03/26/200
1800	Well Construction	1111					
W03-0233	MD-4 Monitoring	782691	Shelimound & Bay at (Bay Street Mail)	Emeryville	Erier & Kallnowski, Inc-Bursingame	04/02/2003	03/26/20
and also	Well Construction-	1.57					
W03-0259	MD-5 Sorehole(s)		Holis st	Emeryville	GRIBI Associates	04/02/2003	03/31/20
1 	for Contaminatio						
W03-0264	n Study Injection well		Park ave	EmervyDe	Tamalpais Environmental Consultante	04/04/2003	04/01/20
1	Construction( 3 total)						
W03-0274	English (* 1	807164	San Pabio ave	Emervyläe	The San Joaquin Company, Inc-Oaldand	04/10/2003	04/07/200
	Weil Construction-	(					
	SJCMW-T- 2A		이는 것 같은 것이?		연고 아파물 관		
W03-0275	1 1 C 1 1	807160	San Pablo ava	Emeryville	The San Joaquin Company, Inc-Oaldand	04/10/2003	04/07/200
a de ség	Construction- SJCMW-						
	73A	807161	San Pablo ave				
	Well Construction-	80/161	San Padio Bye	Emeryville	The San Joaquin Company, Inc-Oaldand	04/10/2003	04/07/200
	SJCMW- T4A						
W03-0277	Monitoring	607157	San Pablo ave	Emeryville	The San Joaquin Company, Inc-Oakland	04/10/2003	04/07/200
1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	Well Construction- SJCMW-T6	di sost. pito					
W03-0278	Monitorina	807158	San Pablo ave	Emeryville	The San Josquin Company, Inc-Oakland	04/10/2003	04/07/200
A. C. S.	Well Construction- SJCMW-177						
N03-0287	Borehole(s)		Adeline st	Emeryville	Clayton Group Services-Pleasanton	04/21/2003	04/07/20
	for Contaminatio						
	n Study	807155	San Pablo ave	Emeryville	The San Joaquin Company, Inc-Cakland	04/21/2003	04/17/200
	VVel Construction-						Uni 177200
	SJC-MW T-					م کرد. اگر می از این میشود با از مین است. مرکز میکرد میکرد کرد از میکرد از میکرد میکرد میکرد از میک	مراجع کا مرکز بردگار در این با است از ایک کرد می امور این
<u>N03-0305</u>	Monitoring Well	607156	San Pablo ave	Emeryville	The San Joaquin Company, Inc-Oakland	04/21/2003	04/17/200
	Construction- SJC-MW-T-		이 가슴을 수 봐요.				
	2	1.10.01					

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W03-0306	Monitoring Well	807154	San Pablo ave	Emeryville	The San Joaquin Company, Inc-Oakland	04/21/2003	04/17/200
	Construction- SJC-MW-T- 2A						
<u>W03-0307</u>	Monitoring Web	807153	San Pabio ave	Emeryville	The San Joaquin Company, Inc-Oskiand	04/21/2003	04/17/200
	Consinuction- SJC-MW-T- 3						
1.1	Monitoring Well Construction- SJC-MW-T-	e003944	San Pablo ave	Emeryvike	The San Joequin Company, Inc-Oakland	04/21/2003	04/17/200
W03-0309	4 Monitoring	e003945	San Pablo ave	Emeryville	The San Josquin Company, Inc-Dekland	04/21/2003	04/17/200
	Well Construction- SJC-MW-T- 4A						
W03-0310	Monitoring Well	e003947	Sạn Páblo ave	Emeryville	The San Joaquin Company, Inc-Oakland	94/21/2003	04/17/200
	Construction- SJC-MW-T- 5						
	Monitoring Well Construction- SJC-MW-T+	e003945	San Pablo ave	Emeryville	The San Joaquin Company, Inc-Cakland	04/21/2003	04/17/200
W03-0312	5A	e003949	San Pabla ave	Emeryville	The San Joaquin Company, Inc-Oakland	04/21/2003	04/17/200
	Construction- SJC-MW-T- 6						
100	Well Construction-	e003948	San Pablo ave	Emeryville	The San Joaquin Company, Inc-Oakland	04/21/2003	04/17/200
	SJC-MW-T- 7 Borehole(s)		Doyle at between 62nd & 63rd at	Emeryville	Erier & Kalinowski, Inc-Burlingame	04/24/2003	04/21/200
e si her	for Contaminatio n Study						
	for Contaminatio		Doyle st between 52nd & 63rd st	Emeryvile	Erler & Kalinowski, inc-Burlingame	04/24/2003	04/21/200
N03-0343	n Study Injection Well Construction		Holiis st	Emeryville	GRIBI Associates	04/30/2003	04/28/200
<u>W03-0345</u>	Borehole(s) for		36ih st	Emeryville	Claylon Group Services-Pleasariton	05/01/2003	04/30/200
al an an an Taonairtí	Contaminatio n Study		Holis st		GRIBI Associates	05/18/2003	
1	for Contaminatio n Study		Hous at	Emeryville	(GRIBI Associates	05/18/2003	05/15/200
N03-0548		eg staat Geboord	Adeline st	Emeryville	Ciayton Group Services-Pleasanton	06/27/2003	06/13/200
N03-0562	n Study		Powell Street and Doyle Avenue	Emeryville	Lowney Associates-Dakland	06/18/2003	06/16/200
	Contaminatio n Study		36th and Magnolia	Emeryville	FUGRO West, Inc-Oakland	07/24/2003	07/22/200
	for Geotechnical Study						
	Well Construction-	Void	64th st	Emeryville	EFI-WA		07/25/200
ND3-0694	Well	Void	64th st	Emeryville	EFI-WA		07/28/200
V03-0695	Construction- MW-2 Monitoring	i Alei Beite	64th st	Emeryville	ĖFŀWA	08/04/2003	07/28/200
	Well Construction- MW-3			de de p			

W03-0696	Monitoring Weil	64th st	Emeryvibe	EFFVVA	08/04/2003	07/28/200
ter en la s	Construction-	영화 가슴 가슴 같아.				
W03-0697	Monitoring Void Well	64th st	Emeryville	EFI-WA		07/28/200
	Construction-			말 가지 않는 것을 알았다.		
W03-0698	MW-5 Borehole(s)	64th si	Emeryville	EFI-WA	08/04/2003	07/26/200
	for Contaminatio					
1997 - 1997 -	n Study					
W03-0727	for	64ih ava	Emeryville	Lowney Associates-San Ramon	08/11/2003	08/08/200
	Geolechnical Study					
W03-0751	Monitoring VOID Well	Christie Ave	Emeryville	EFIWA		
	Construction- AP MW-1-					34664C
	VOID					
	Weil	Christie Ave	Emeryvise	EFI-WA	08/20/2003	06/12/200
	Construction- AP MW-2			지지 않는 것이었어?		20022302
W03-0753	Monitorina	Christle Ave	Emeryville	EFI-WA	08/20/2003	08/12/200
	Well Construction-	VIII LUIG PILE	Chicigana		07202000	0012/200
	AP MW-3					
W03-0754	Monitoring	Christie Ave	Emeryville	EFI-WA	08/20/2003	08/12/200
	Well Construction-					
	AP MW-4					
W03-0755	Borehole(s)	Christie Ave	ЕлегууЛе	EFI-WA	08/20/2003	08/12/200
1999 - A.	for Contaminatio					
N03-0756	n Study Monitoring	66th street	Erneryville	GRIBI Associates	08/15/2003	08/12/200
	Well Construction-					
	NY-5		한 것이 같이 같이 같이 같이 같이 같이 같이 않는 것이 같이 않는 것이 같이 했다.			
	Wei	68th street	Emeryville	GRIBI Associates	06/15/2003	08/12/200
	Construction- IW-2					
W03-0832	Monitoring WeB	Adeline st	Emeryville	Clayton Group Services-Pleasanton	10/09/2003	08/29/200
	Construction- CW-1					
W03-0833	Monitoring	Adeline st	Emeryville	Clayton Group Services-Pleasanton	10/09/2003	08/29/200
	Well Construction-			한 것 같은 것 같은 것 같은 것		
W03-0834	CW-2 Monitoring	Adeline st	Emeryville	Cisyton Group Services-Pleasanton	10/09/2003	08/29/200
	Well Construction-					
	CW-3					
	Weil	Adeline st	Emeryville	Clayton Group Services-Pleasanton	10/09/2003	08/29/200
	Construction- CW-4					
N03-0848	Borehole(s) for	47th Street	Emeryville	Cameron Cole, LLC-Alameda	09/24/2003	09/05/200
1.1.1.1.1.1	Contaminatio n Study					
N03-0881	Borehole(s)	Horton sl	Emeryville	RT Hicks Consultants Ltd-Albuquerque-	10/07/2003	09/29/200
	for Contaminatio			MN		
N03-0898	n Study Borehole(s)	San Pablo ave	Emeryville	Ninyo & Moore-Oakland	10/14/2003	10/08/200
	lor Contaminatio					No.
1990 D	n Sludy					
	lor i	Halieck st	Emeryville	ENVIRON-Emeryville	10/17/2003	10/15/200
	Contaminatio n Sludy					
N03-1005	Borehole(s) for	64th si	Emeryville	EFI-WA	11/05/2003	11/03/200
	Contaminatio	しょうしん なたらたした	na se dintre d'hin h	しょう ふたい ほう ようよう ふたい かやか あみかう	りょうしつ ひと あいからや してきがく	そしているというでものです。

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Monitoring Well	an a' an	64th st	Emeryville	EFI-WA	11/05/2003	11/03/2003
Construction-						
Monitoring		64th st	Emeryville	EFI-WA	11/05/2003	11/03/2003
Well . Construction-						
Monitoring		64th st	Emeryville	EFI-WA	11/05/2003	11/03/2003
Construction					建的成准可以得到达	
Monitoring		64th st	Emerydde	EFI-WA	11/05/2003	11/03/2003
Well Construction				요즘 이 것 같아요.	방송 방송 사람들이 없는	
	EXEMPT	671h si	Emerodile	Geomatrix Consultants • Oakland	11/24/2003	11/19/2003
for						
n Study			P		44 (54 (56 (56 (56 (56 (56 (56 (56 (56 (56 (56	11/21/2003
for		U441n 25	Emeryvule	Lowney Associates-San Ramon	11/24/2003	11/21/2003
Study						
for		Union Pacific Railroad Parcels	Emeryville	Erler & Kalinowski, Inc-Burlingame	12/10/2003	12/09/2003
				아파 나는 것이 같은 것이.		
Borehole(s)		W, MacAsthur blvd	Emeryville	TEC, Inc dba Accutite, Inc	12/23/2003	12/10/2003
Geotechnical						
Borehole(s)	EXEMPT	ច7th ស	Emeryville	Geomately Consultants - Oakland	12/29/2003	12/26/2003
Contaminatio						
		San Pablo ave	Emeryville	Ninyo & Moore-Cakland	02/06/2004	02/04/2004
lor :		an a				
		Christia Ava	Emanaila	PES Environmental Inc	03/01/2004	02/27//2004
WPU			Lineiyean			
TW-I						
Well		Chrislie Ave	Emeryville	PES Environmental, Inc	03/01/2004	02/27/2004
				하는 것 같은 것 같은 것을 같이 없다.		
Monitoring		Christle Ave	Emeryville	PES Environmental, Inc	03/01/2004	02/27/2004
Construction-	1997 - 1997 1997 - 1997					
Monitoring	i ja de	Christie Ave	Enteryville	PES Environmental, Inc	03/01/2004	02/27/2004
Construction-	e part e	میں ایک کو کی ا مرکز کے مرکز اور میں اور میں				
		Sheilmound st	Emeryville	AGS, Inc-Oakland	03/10/2004	03/08/2004
or .			tin da ser la serie. Nel se serie de la serie			
Study .	SYENDY	57th at	Emanuita	Germaldy Crimer Bante - Optional	03/12/2004	03/10/2004
or	Chaint	M14108	Clinitian		0012200	0310204
n Study						
ANDR -	790677	40th st, Seach st, San pablo ave	Emeryville	LFR-Emeryville	03/23/2004	03/22/2004
Destruction- VIW-2			1222			
	790680	40th st, Seach st, San pablo ave	Emeryvise	LFR-Emeryville	03/23/2004	03/22/2004
Vonitoring	790683	40th st, Beach st, San pablo ave	Emeryville	LFR-Emeryville	03/23/2004	03/22/2004
Well Destruction-						
Vionitoring	790682	40th st, Beach at, San pablo ave	Emeryville	LFR-Emeryville	03/23/2004	03/22/2004
Neil					유명분가 전문 문화	
WW-5	790681	40th st, Beach st, San pablo ave	Emeryville	LFR-Emeryville	03/23/2004	03/22/2004
	Construction, RPMW-1 Monitoring Well Construction, RPMV-2 Monitoring Well Construction, RPMV-3 Monitoring Well Construction, RPMV-4 Sorehole(s) for Contamination n Study Borehole(s) for Contamination n Study Borehole(s) for Contamination n Study Borehole(s) for Contamination n Study Borehole(s) for Contamination n Study Borehole(s) for Contamination a Study Borehole(s) for Contamination a Study Borehole(s) for Construction Construction TW-1 Monitoring Well Construction TW-4 Borehole(s) for Construction Construction Construction Construction Con	Construction- RPHW-1 Monitoring Weil Construction- RPHW-2 Maintoring Weil Construction- RPHW-3 Borehole(s) For Construction- RPHW-4 Borehole(s) For Contaminatio n Study Borehole(s) For Contaminatio n Study Borehole(s) For Contaminatio n Study Borehole(s) For Contaminatio n Study Borehole(s) For Contaminatio n Study Borehole(s) For Contaminatio Study Borehole(s) For Contaminatio Study Borehole(s) For Contaminatio Study Borehole(s) For Contaminatio Study Borehole(s) For Contaminatio Study Borehole(s) For Contaminatio Study Borehole(s) For Contaminatio Study Borehole(s) For Contaminatio Study Borehole(s) For Contaminatio Study Borehole(s) For Contaminatio Study Poetscutcho- TW-3 Monitoring Weil Construction- TW-3 Borehole(s) For Contaminatio Study Poetscutcho- TW-3 Borehole(s) For Contaminatio Study Poetscutcho- TW-3 Borehole(s) For Contaminatio Study Borehole(s) For Contaminatio For Contamin	Construction- RMWU-1 Monitoring 64/h st Wel Construction- RFMW-2 Gonstruction- RFMW-2 Gonstruction- RFMW-3 Gonstruction- RFMW-4 Construction- RFMW-4 Construction- RFMM-4 Source Construction- RFMM-4 Study Source Christle Ave Wel Construction- RFM-4 Source RFM-7 Study Sourc	Construction- RMMU-1 Monitoring 64th st Emeryville Weil Construction- RFMU-2 Menitoring 64th st Emeryville Weil Construction- RFMU-3 Menitoring 64th st Emeryville Weil Construction- RFMU-4 RFMU-4 Staby Searbale(a) 64th st Emeryville Gonzanzubon- RFMU-4 Staby Searbale(a) 64th st Emeryville Gonzanzubon- RFMU-4 Staby Searbale(a) 04th st Emeryville Gonzanzubon- RFMU-4 Staby Searbale(a) 24th st Emeryville Gonzanzubon- RFMU-4 Staby Staby Construction- TW-4 Construction- TW-4 Staby Menitoring Christle Ave Emeryville Weil Construction- TW-4 Staby Menitoring 700877 AUth st Emeryville Gonzanzubon- RFMU-4 Staby Menitoring 700877 AUth st Essech st San pablo ave Emeryville Weil Construction- TW-4 Staby Menitoring 700877 AUth st Emeryville Weil Construction- TW-4 Menitoring 700877 AUth st Essech st San pablo ave Emeryville Weil Construction- TW-4 Staby Menitoring 700877 AUth st Emeryville Weil Construction- TW-4 Menitoring 700822 AUth st Essech st San pablo ave Emeryville Weil Construction- TW-4 Staby Menitoring 700822 AUth st Essech st San pablo ave Weil Construction- TW-4 Staby Menitoring 700822 AUth st Essech st San pablo ave Weil Construction- TW-4 Staby Menitoring 700822 AUth st Essech st San pablo ave Weil Construction- TW-4 Staby Menitoring 700877 AUth st Essech st San pablo ave Weil Construction- TW-4 Staby Menitoring 700877 AUth st Essech st San pablo ave Weil Construction- TW-4 Con	Construction- PARMA-1 Monitoring 640s at EneryVile EFAVA Well Construction- REPMA-2 EneryVile EFAVA Well 640s at EneryVile EFAVA Stably 7500 0411s at EneryVile EFAVA Well 7500 0411s at EneryVile EFAVA Stably 7500 0411s at EneryVile EFAVA Well 7500 0411s at EneryVile EFAVA Stably 7500 0411s at EneryVile EFAVA Well 7500 0401 at Esach at San pable are EneryVile EFAVA Well 7500 7500 4011s at Esach at San pable are EneryVile EFAVA Well 75000 75000 4011s at Esach at San pable are EneryVile EFAVA Well 75000 75000 4011s at Esach at San pable are EneryVile EFAVA Well 75000 75000 4011s at Esach at San pable are EneryVile EFA-EneryVile Well 75000 75000 4011s at Esach at San pable are EneryVile EFA-EneryVile Well 75000 75000 4011s at Esach at San pable are EneryVile EFA-EneryVile Well 750000 75000 4011s at Esach at San	Consistence of the set

<u>W04-0273</u>	Well Destruction-						
W04-0274	MW-7Z Monitoring	790685	40th st, Beach st, San pablo ave	Emeryville	LFR-Emeryville	03/23/2004	03/22/
	Well Destruction-						
W04-0275		790684	40th st, Beach st, San pablo ave	Emeryville	UFR-Emeryville	03/23/2004	03/22/
	Destruction- MW-7						
<u>W04-0278</u>	Monitoring Well Destruction- MW-6D	790579	40th st, Beach st, San pablo ave	Emeryvi®e	LFR-Emeryville	03/23/2004	03/22/7
W04-0277		790687	40th st, Beach st, San pablo ave	Emeryville	LFR-Emeryville	03/23/2004	03/22/
	Destruction- MW-6						
	Monitoring :	790687	40th st, Beach st, San pablo ave	Етнегууде	LFR-Emeryville	03/23/2004	03/22/2
	Destruction- MW-8	ala di Sola. Attoria di					
	Injection Well Construction- IP-A to IP-E	554278	Park ave	Emenyville	Tamaipais Environmental Consultants	03/25/2004	03/23/.
1.1.1.1.1.1.1	Injection Well Construction- IP-1 to IP-20	554277	Hotton st	Emeryville	Temelpais Environmental Consultants	03/25/2004	03/23/2
W04-0289	Monitorion		Holia st	ЕптегууПе	GRIB: Associales	(3/74/2004	03/23/2
ang tir	Well Construction-		Thing \$1	Elikotynko	GAIO ABOULUS	W7242004	03/23/2
W04-0290	MW-7 Monitoring		Hollis st	Emeryville	GRIBI Associates	03/24/2004	03/23/2
	Well Construction- MW-8						
W04-0291			Holis și	Emeryville	GRIBI Associates	03/24/2004	03/23/2
1.1244.9	Construction-						
W04-0292			Holits st	Emeryville	GRIBI Associates	03/24/2004	03/23/2
	Construction-						
W04-0293	Monitoring Well		Holiis st	Emeryville	GRIBI Associates	03/24/2004	03/23/2
	Construction- MW-11						
	Well		Holias st	Emeryville	GRIBI Associates	03/24/2004	03/23/2
	Construction- MW-1						
	Well		Holis st	Emeryville	GRIB! Associates	03/24/2004	03/23/2
	Construction- MW-2						
	Well Construction-		Holls st	Emeryviše	GRIBI Associates	03/24/2004	03/23/2
W04-0297	IW-8 Monitoring		Holia st	Emeryville	GRIBI Associates	03/24/2004	03/23/2
1.11.11	Construction-						
W04-0298	W-9 Monitoring		Hollis st	Emeryville	GRIBI Associates	03/24/2004	03/23/2
	Well Construction-				ار و از این میروند کرد. این از میروند با که بر میروند این		
W04-0299	W-10 Monitoring	an ang kasar Tang tang tang tang tang tang tang tang t	Holis st	Emeryville	GRIBI Associates	03/24/2004	03/23/2
1.11	Well Construction- IW-11						
W04-0300			Hollis et	Emeryville	GRIBI Associates	03/24/2004	03/23/2
	Wes Construction- IW-12						그는 가슴에 있었

W04-0301	Monitoring Well	Holiis st	Emeryville	GRIBI Associates	03/24/2004	03/23/200
	Construction-			이 지수는 것은 것을 못했다.	1996년 1998년 1998년 1999년 1998년 199 1999년 1998년 199	
	IW-13					
W04-0302	Well	Hollis st	Emeryville	GRIBI Associates	03/24/2004	03/23/200
	Construction- W-17					
W04-0303	Monitoring	Holis st	Emeryville	GRIBI Associates	03/24/2004	03/23/200
···	Well Construction-					
	NY-18	이 같은 것이 같이 많이 같다.				
W04-0304	Monitoring Well	Hoüis st	Emeryville	GRIBI Associates	03/24/2004	03/23/200
	Construction-		ta (Ali aya)			
W04-0305		Holiis el	Emeryville	GRIB! Associates	03/24/2004	03/23/200
	Well Construction-				승규는 전 가 누구?	
- 1, 141 a.,	IW-20					
W04-0308	Monitoring	Holis st	Emeryville	GRIBI Associates	03/24/2004	03/23/200
1.1.1.1	Construction-	이 가지 한 것을 하는 것을 했다.		이 그는 것이 같은 것이 같다.	아파 아파 아파 아파	
W04-0307	IW-21 Monitorino	Holite st	Emerwille	GRIBI Associates	03/24/2014	03/23/200
1.1	Well					001201200
	Construction- IW-22				이번 영상에 가지?	
W04-0342	Monitoring	San Pablo ave 5 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/08/2004	04/02/200
i sa tin	Construction-		이 같은 것이 같다.			
W04-0343	MW-2	San Pablo ave & 40th st	Emeryville	The San Josquin Company, Inc-Oakland	04/06/2004	04/02/200
1. S. 1. S. 1	Weil		Esteriymes	rinz con conquiri compeny, inc-containa	U-2U022KH	0402/200
	Construction- MW-3			금 가슴 김 종 가 있었다.		
W04-0344	Monitoring	San Pablo ave & 40th st	Emeryville	The Sen Josquin Company, Inc-Oaldand	04/06/2004	04/02/200
	Well Construction-					
	MW-4	in a sub-			المراجعة المراجع المراج المراجع المراجع	
W04-0345	Wei	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/08/2004	04/02/200
	Construction-					
W04-0346	Monitoring	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/06/2004	04/02/200
	Well Construction-		te de la la c			이 이 가지 않는 것이 있다. 이 가지 않는 것이 같은 것이 있다.
	MW-6	San Pablo ave & 40th st		는 것 같은 것 것 것 것 같아요. 		
	Weil	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/06/2004	04/02/200
	Construction- MW-7			그는 옷을 가 있었다.		
W04-0348	Monitoring	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/05/2004	04/02/200
	Well Construction-			이는 것 같은 것 같		
	MW-8					
W04-0349	Monitoring Well	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Cakland	04/06/2004	04/02/200
1111	Construction- MWT-1				동생 신고, 한 신요한 신	
W04-0350	Monitoring	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/06/2004	04/02/200
	Weil Construction-					
	MWT-2				승규는 것이 같이 같이 같이 같이 같이 같이 같이 같이 같이 않는 것이 같이 않는 것이 같이 많이 했다. 말했다. 말했다. 말했다. 말했다. 말했다. 말했다. 말했다.	
W04-0351	Monitoring Well	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/06/2004	04/02/200
	Construction-					
W04-0352		San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/06/2004	04/02/200
	Welt Construction-					
	MWT-4					
W04-0353	Monitoring Well	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Cakland	04/06/2004	04/02/200
	Construction-					
W04-0354	MWT-5 Monitoring	San Pablo ave 8 40th st	Emoryville	The San Joaquin Company, Inc-Cakland	04/06/2004	04/02/200
	Well			and an even the strate of the	VTVALVT	~=02200
	Construction- MWT-6					
		San Pablo ave & 40th st	Emerwille	The Sen January Company Inc Oxidand	0406/2004	0 4 10 0 10 0
N04-0355	Monitoring Well	San Packo ave & 4001 st	CUMUAN	The San Joaquin Company, Inc-Oakland	040072004	04/02/2004

110-10000	Monitoring Well	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/06/2004	04/02/
1997) 1997	Construction-					
	MWT-8					9.50.55
W04-0357	Monitoring Weil	Sen Pabio ave & 40th st	Emeryvike	The San Joaquin Company, Inc-Oakland	04/06/2004	04/02/2
	Construction-					
W04-0358	MWT-8 Monitoring	San Pablo ave 8, 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/06/2004	04/02/2
1174-7920	Weil					
	Construction-			그는 전 김 영소 승규가 밝혔다.		
W04-0359	Borehole(s)	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/08/2004	04/02/2
1	for Contaminatio		Alle da se			
	n Study-BG-1		युक्त हो			
	£2 Partabalaria)	Care Dable and P 40th at	E		A 4 (9 0 / 9 A 4	
W04-0380	for	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/06/2004	04/02/2
	Contaminatio n Study-BE-1		11			일종홍홍홍홍
	n study-BE-1 & 8E-6					
W04-0361	Borehole(s)	San Pablo ave & 40th st	Emeryville	The San Joaquin Company, Inc-Oakland	04/06/2004	04/02/2
	Contaminatio	~ 문화 영화 문화		그는 그는 그는 것을 가려요?		
110	a Sludy-BE- 2,3,4,5,7,8				맛이 잘 하는 것이	
	weep to a local set.		gi gan	요즘 아파 감독을 가지 않는다.		
W04-0411	Monitoring Well	Christie ave 64th st	Emeryvälle	PES Environmental, Inc	04/15/2004	04/13/2
	Construction-					
	MW-11			1 <u>~~~</u> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
W04-0412	Monitoring Well	Christe ave 64lh st	Emeryville	PES Environmentai, Inc	04/15/2004	04/13/2
	Construction-			그 아님은 것은 것은 문화했는	2019년 2019년 201	
W04-0413	MW-12 Monitoring	Christie ave 64th st	Emervylle	PES Environmental, Inc	04/15/2004	04/13/2
uyn.ytis	wei					V~# 1022
	Construction- MW-13			그는 것 같은 것 것 같은 것 같은 것 같은 것 같은 것 같은 것 같은 것		
W04-0414	Monitoring	Christie ave 64th st	Emeryville	PES Environmental, Inc	04/15/2004	04/13/2
	Well Construction-					
al facilitati	MW-14					
W04-0415	Monitoring Weil	Christie ave 64th st	Emeryville	PES Environmental, inc	04/15/2004	04/13/20
e de d	Construction-					
1.1.1.1.1.1	MW-15			- 2016년 2016년 - 1889년 1월 1899년 1월 1899년 1월 1899년 1월 1 1월 1899년 1월 1		
<u>W04-0416</u>	Monitoring Well	Christie ave 64th st	Emeryville	PES Environmental, Inc	04/15/2004	04/13/2
1997	Construction-					
N04-0417	MW-16 Metitedap	Christie ave 64th st	Emeryville	PES Environmental, Inc	04/15/2004	04/13/2
	Well		-nee praid			∆£(¥+)
	Construction-					
N04-0418	Monitoring	Christie ave 64lh st	Emeryville	PES Environmental, Inc	04/15/2004	04/13/20
	Well Construction-	영상 그 날 수 있는 것을		다는 김 소리를 알고 있었다.		
	MW-18			신지 공지는 소전 관광 방송		
N04-0447	Borehole(s) for	Christie ave (Emeryville Market Place)	Emeryville	PES Environmental, Inc	04/23/2004	04/22/20
	Contaminatio	신날 분석 문화가	an tagi		م المراجع المر من مدينة المراجع	
	n Sludy	경험이 잘 주인 문어지?				
N04-0570	Borehole(s) for	Doyle si,Ocean ave, 61st	Emeryvite	Erler & Kalinowski, Inc-Burlingame	05/18/2004	05/14/20
	Contaminatio					
<u>N04-0574</u>	n Sludy Monitoring	65/h et	Emeryville	Cambria Emit- Emeryville	05/18/2004	05/19/20
	Well			a second management of the second	and to a solute	υα 18 <sup>4</sup> Δ
(1997) 1997)	Construction- MW-48	안 이 관광 한 것 같 것 같	Stan ger			
N04-0577		W. End of Powell st (Emeryville Marine)	Emerville	Treadwell & Rollo, Inc - Oaldand	05/24/2004	05/18/20
	for Geotechnical					
	Study	승규는 물건 물건을 받다.	문화	그는 사람은 감독을 가지?		
N04-0589	Monitoring e013550	Shešmound st	Emeryville	ÉRRG-Concord	05/27/2004	05/25/20
1 A	Well Destruction-				사망 관광 관광 관계	
	MW-9	지 않는 것 같은 것 같			장님은 감소 가지?	
N04-0590	Monitoring e013551 Well	Shelimound st	Emeryville	ERRG-Concord	05/27/2004	05/25/20

W04-0591	Monitoring Well	e013552	Sheilmound st	Emeryville	ERRG-Concord	05/24/2004	05/25/20
	Destruction- MW-21						
W04-0812	Monitoring		San Pablo ave	Emeryville	The San Joaquin Company, Inc-Oakland	08/12/2004	08/10/20
·	Well Construction				전 소리는 것을 가 있다.		
	SJC-MW-8				고 등 도망 등 감 등 감 등 감 등 감 등 감 등 감 등 감 등 감 등 감 등		
W04-0838	Borehole(s)		65th st	Emeryville	Cambria Envi- Emeryville	08/20/2004	08/20/20
	for Contaminatio						
W04-0907	n Study Borehole(s)	EXEMPT	Hollis park	Emeryville	Steller Environmental Solutions-Berkeley	09/02/2004	09/01/20
1101 0001	for Contaminatio						
199	n Study			가 있는 것이다. 가는 가 는 것			
W04-0908	Well		Christle Ave	Emeryville	EFI-San Ramon	09/03/2004	09/01/20
	Destruction- AP-MW-2- W03-0752						
W04-0909	Monitoring	er en e	Christie Ave	Emeryville	EFI-San Ramon	09/03/2004	09/01/20
a di s	Well Destruction-					영화 방송은 영화 가슴이 다.	
	AP-MW-3- W03-0753						
W04-0910	Monitoring		Chrislie Ave	Emeryville	EFI-San Ramon	09/03/2004	09/01/20
	Well Destruction-				한 소설 만큼 영화하는 것		
	AP-MW-4- W03-0754						
W04-0911	Monitoring Well		64lh si	Emeryville	EFI-San Ramon	09/03/2004	09/01/20
	Destruction- MW-1	en ser ser The					
W04-0912	Monitoring	an an an an An an	64th st	Emeryville	EFI-San Ramon	09/03/2004	09/01/20
100	Well Destruction-						
	MW-2-W03- 0694				ار از از او در از		
	Monitoring	i di secondo di second	64th st	Emeryville	EFI-San Ramon	09/03/2004	09/01/20
	Well Destruction-						
	MW-3-W03-	n di k Taran sa				같이 같은 것이 있는 것이 있다. 같은 것이 같은 것이 있는 것이 없다. 같은 것이 같은 것이 같은 것이 있는 것이 있는 것이 같은 것이 없다. 것이 있는 것이 없는 것이 있는 것이 없는 것이 없는 것이 없다. 같은 것이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것	
W04-0914	Monitoring Well	an din Dista	64th st	Emeryville	EFI-San Ramon	09/03/2004	09/01/20
	Destruction-						
W04-0915	MW-4 Mositoring		64lh st	Emeryville	EFI-San Ramon	09/03/2004	09/01/20
	Well Destruction-			1.7.7			
an a	MW-5	and a second s					
W04-0916	Weil	1.00	64th si	Emeryville	EFI-San Ramon	09/03/2004	09/01/20
	Destruction- RP-MW-1-	8 - 1 - 1 - 1 1	요즘은 전에 지원을				
	W03-1006		<b>-</b> 44 - 1				
	Well		64th st	Emeryville	EFI-San Ramon	09/03/2004	09/01/20
1.1.1.1.1.1.1.1	Destruction- RP-MW-2-				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
W04-0918	W03-1007 MonRodina		64lh si	Emeryville	EFI-San Ramon	09/03/2004	09/01/20
	Well Destruction-					WI WI LLAT	051011/20
1.1.1	RP-MW-3-						
W04-1014	W03-1008 Sorehole(s)		Former RR spur between 65th and 66th	Emeryville	Erler & Kalinowski, Inc-Burlingame	09/23/2004	09/23/20
	for Contaminatio		st				
1.416.1	n Study						
	for _		65th ave	Emeryville	Cambria Envi- Emeryville	10/13/2004	10/07/20
	Contaminatio n Slucty						
W04-1088			Halleck st	Emeryville	Geomatrix Consultante - Oaldand	10/22/2004	10/21/20
112.00	Contaminatio					2017년 2018년 1월 1919년 1월 1919년 1919년 1월 1919년 1월 19 1919년 1월 1919년 1월 19	
W04-1101	n Study Borehole(s)		Landregan st,W of landregan st & 59th	Emeryville	Erler & Kalinowski, Inc-Buningame	11/02/2004	10/26/20
	for Contaminatio	111-1	ave (Parking lot)				
1.1.1	n Study		en soor ander af de	영상 교수		일양도 같은 것을 알 수 있었다.	

W04-1160	Monitoring Well	41 st si (Osk walk site)	Emeryvise	The San Joaquin Company, Inc-Oakland	11/06/2004	11/04/20
	Construction-					
W04-1161	Montoring	41 st st (Oek walk sile)	Emeryville	The San Joaquin Company, Inc-Daldand	11/06/2004	11/04/20
5 . J	Weil Construction-			지나 아내는 것은 것은 것을 가지 않는다. 이 아내는 것은 것은 것은 것은 것을 가지 않는다. 이 아내는 것은 것은 것은 것은 것을 가지 않는다.	ا می از این با این می می این با این این می این این این این این این این این این ای	이 5월 2019년 49 2019년 1월 2019년 49
W04-1182	MWT-12 Monitoring	41 si si (Oak walk sile)	Emeryville	The San Joaquin Company, Inc-Oskiano	11/05/2004	11/04/20
	Well Construction-					
	MWT-13		a da per per la construir. A construir a construir a			
W04-1183	Wet	41 st st (Oak walk site)	Emeryville	The San Joaquin Company, Inc-Oakland	11/06/2004	11/04/20
	Construction-		and set in a set of the			
W04-1228	Borehole(s) for	Sherwin ave	Emeryville	CDM, Inc-Walnut Creek	12/06/2004	11/23/20
	Contaminatio					
W04-1238	n Study Borehole(s)	Halleck st	Emeryville	Geomatrix Consultants - Oakland	11/30/2004	11/29/20
	for Contaminatio					
1111	n Study					
	for	Chrislie ave	Emeryville	PES Environmental, Inc	12/15/2004	12/09/20
	Contaminatio					
W04-1280	Monitoring	Holis st	Emeryville	GRIBI Associates	12/21/2004	12/18/20
- 691A	Construction- IW-25					
W04-1281		Holiss st	Emeryville	GRIBI Associates	12/21/2004	12/16/20
	Well Construction-			이는 아이는 문화에서	한 것은 것은 것은 것을 했다.	
11 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	IW-25					
	vreu	Hollis st	Emeryville	GRIBI Associates	12/21/2004	12/16/20
	Construction-					
W04-1283	Monitoring Well	Hollis st	Emeryville	GRIBI Associates	12/21/2004	12/16/20
	Construction-					
W04-1284	IW-28 Monitoring	Holis st	Emeryville	GRIBI Associates	12/21/2004	12/16/20
	Weil Construction-			말 그는 것을 가지 않는 것을 가 없다.		
	IW-29	11.00.01	Emanual Pres	ODIDI Assestato	40.004	4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M
	Well	Hollis st	Emeryville	GRIBI Associates	12/21/2004	12/16/20
	Construction-					
W04-1288	Monitoring Well	Holis st	Emeryville	GRIBI Associates	12/21/2004	12/16/20
- 111년 전	Construction- IW-31					
W04-1287	Monitoring	Holias si	Emeryville	GRIBI Associates	12/21/2004	12/16/20
	Well Construction-		复招告责			
N04-1288	IW-32	Hotia st	Emerwite	GRIBI Associates	12/21/2004	12/16/20
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Wei	Tronge Gr	24061 91840	OTIDI ASSAAIUTS	12/21/2004	121020
	Construction- IW-33					
N04-1289	Monitoring Weil	Holis #	Emeryville	GRIBI Associates	12/21/2004	12/16/20
	Construction- IW-34					
W04-1290	Monitoring	Hollis st	Emeryville	GRIBI Associates	12/21/2004	12/16/200
1.5	Well Construction-					
N04-1291	W-35 Monitorino	Holia st	Emeryville	GRIBI Associates	12/21/2004	12/16/200
	Well Construction-					
	NV-36				요즘 아파 아파 아파	
	for	Hoton st	Emeryville	Erier & Kalinowski, Inc-Burlingame	02/08/2005	02/02/200
이 아이 아이 아이	Contaminatio n Study					
N05-0112		Peladeau st	Emeryville	Treadwell & Rolio, Inc - Oakland	05/20/2005	02/02/200
	M	コート・コン かんりかい かんりもう				

W05-0150 Monitoring Well	Christie ave	Emeryville	URS Corporation - Oakland	03/04/2005	02/03/20
Construction- MW-10					
W05-0151 Monitoring	Christie ave	Emeryville	URS Corporation - Caktand	03/04/2005	02/03/20
Well Construction- MW-11					
W05-0155 Monitoring	Powell st (Site B)	Emeryville	Erler & Kalinowski, Inc-Burlingame	02/17/2005	02/08/20
Well Construction-					
PSB-1 W05-0156 Monitoring	Powell st (Site 8)	Emeryville	Erler & Kalinowski, Inc-Burlingame	02/17/2005	02/08/20
Well Construction-					
PSB-2 W05-0157 Monitoring	Powell st (Site B)	Emeryville	Erler & Kalinowski, Inc-Burlingame	02/17/2005	02/08/2
Well Construction-					
PSB-3 W05-0158 Monitoring VOID	Powel st (Site B)	Emeryville	Erter & Kalinowaki, Inc-Burlingame		
Well Construction-		Critici yvaro	сле о голкотом, пк-сопидале		
PSB-4-VOID					
W05-0159 Monitoring	Powell st (Site 8)	Emeryville	Erler & Kalinowski, Inc-Burlingame	02/17/2005	02/06/2
Well Construction-					
PSB-5 W05-0257 Borehole(s)	Powell st (site 5)	Emeryville	Erler & Kalinowski, Inc-Burlingame	03/14/2005	03/02/2
for Contaminatio					
n Study W05-0282 Borehole(s)	Christie ave	Emeryville	EFI-Global-WA	03/16/2005	03/09/2
for Contaminatio					oditisi (
n Study					
W05-0263 Monitoring Well Construction-	Christie ava	Emeryville	EFI-Giobal-WA	03/16/2005	03/09/2
MW-1					
W05-0264 Monitoring Weil	Christie ave	Emeryville	EFI-Global-WA	03/16/2005	03/09/2
Construction- MW-2	그는 그는 것은 것은 것이 없다.		요즘 아이는 것을 가 있다.		
W05-0265 Monitoring Well	Christie ave	Emeryville	EFI-Global-WA	03/16/2005	03/09/2
Construction- MW-3					
W05-0370 Borehole(s)	Park ave, Hollia st, Halleck st, Hulleck st (EBMUD lateral connections)	y Emeryville	Cambria Envi- Emeryville	03/17/2005	03/22/2
Contaminatio n Study					
W05-0372 Borehole(s)	53rd & holits st (Chiron Corp)	Emeryville	Erler & Kalinowski, Inc-Burlingame	04/04/2005	03/22/2
for Contaminatio					
n Sludy W05-0379 Barehois(s)	Chrisbe ave	Emeryville	Lowney Associates-San Ramon	03/29/2005	03/28/2
for Geotechnicai		t da es			
Study W05-0380 Borehole(s)	Christie ave	Emeryville	Lowney Associates-San Ramon	04/01/2005	03/28/2
Geotechnical					
Study W05-0418 Borehole(a)	Christie ave	Emeryville	Hokirege & Kull-Nevada City	04/11/2005	04/05/2
for Geolechnical		ET LE ANDE	a manage of anti-statened rely	UNI II ZUUD	04/05/2
Study	650h et				
W05-0423 Borehole(s) for	גא האכט	Emeryvile	Cambria Envi- Emeryville	04/21/2005	04/11/2
Contaminalio n Study-B-1-					
21 <u>W05-0424</u> Borehole(s)	651h st	Emeryville	Cambria Envi- Emeryville	04/21/2005	04/11/20
for Contaminatio				an dan disebut yang sebut dan disebut yang sebut yang sebut yang sebut yang sebut yang sebut yang sebut yang s Sebut yang sebut yang s	
a Study-SVS- (-13					
W05-0522 Borehole(s)	45th ave & Park ave	Emerydile	Erler & Katinowski, Inc-Surlingame	05/18/2005	05/05/20
Conlaminatio n Study					

W05-0523	Monitoring Well		45th ave	S Park ave	17.12.17	Emeryvill	e Erler & Kallr	owski, Inc-Burlin	ngame	0	5/16/2005	02540488	05/05/2005
1. 1. 1. 1. 1.	Construction-												
W05-0525	Borehole(s)	1.111	Park ave	Pixar Anim	ation Studios	) Enteryvill	a Treadwell &	Rollo, Inc - Oak	land	0	5/13/2005	신 김 김 김 김 김 김 김 김 김 김 김 김 김 김 김 김 김 김 김	05/09/2005
	for Geotechnical Sludy												
W05-0535	Borehole(s) for		Adeline si			EmeryviD	Clayton Gro	up Services-Plea	istantion	03	2/10/2005	م می از معرف این می از این از مراجع این از می از م از مراجع می از م از مراجع از می	05/10/2005
	Contaminatio n Study-				8 J. I.								
	Aller the Fact		1 (m. 27) 1 (								an di pangan di pang Pangan di pangan di p		
W05-0547	Borehole(s)		Horton st	45th st.Do	al și, 471h	Emeryvilk	Cembria En	d• Emeryville	아이야지?	Q	13/2005	(아) 가 관계 않는	05/12/2005
	for Conteminetio in Study		(Emeryvill	e-Oakland)			ار المراجع من المراجع المراجع المراجع المراجع المراجع المراجع				161963 161976		
	Borehole(s) for		Emeryville	Marka		Emeryvik	Fugro West			regg O- rilling	/05/2005		04/27/2005
	Geotechnical Study			ska)									

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1.12E+12 Aqua Science Engineers -	09:42.2 Approved	200 WR2005-2043		Emeryville
Robert Kitsy				1001 42nd Street
1.12E+12 Earth	41:10.5 Approved	200		Emeryville
Science Associates				1285 66th Street (Warehouse)
1.12E+12 Environmenta	02:56.4 Approved	600		Emeryville
I Strategies		그는 그는 것은 것을 제공을 가셨다.		
Consulting, Inc - Robert	입니 너희는 것이 물건을 만난.	, 영상, 영상, 영상, 영상, 영상, 영상, 영상, 영상, 영상, 영상		27일 관광가 소문가 소문
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1.12E+12 Erler and	37:46.0 Approved	300 WR2005-2053		Emerville
Kalinowski,				1535 Powell Steet Emeryville, CA 9450
inc Zita				
1.12E+12 Erler and Katinowski	43:25.8 Approved	200 WR2005-2054		Emeryville
inc. Zita				1535 Powell Street Emeryville, CA 94808
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Kašnowski, Inc Zita				5760 Shelimound Street Emeryville, C/
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inc Zita				94608
1.12E+12 Fugro West -	01:19.0 Approved	200		Emeryville
Priyanshu				5540 Doyle Street
1,13E+12 Geometrix Consultants	18:31.9 Approved	200 WR2005-2211	<b>@</b>	Emeryville
Inc Sarah	아이는 눈이 많이 물었다.	일 전에 이상 가지 않는 것을 받았다.		강화는 아파는 소리에 가지 않는 것이 같아?
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Consultants, inc Sarah		이 가슴 옷에 가슴 것을 가슴 가슴		وتراجع والمتناسخ المراجع والمراجع والمراجع
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Consultants, Inc Ross				1289 and 1301 65th Street Emeryville,
1.13E+12 Geomatrix	42:03.5 Approved	200 WR2005-2252	e	CA Emeryville
Consultants,		200 ***********		1301 65th Street (VOID Permit)
1.12E+12 Gib	52:47.2 Approved	200 WR2005-2032	e e	Emeryville
Associates -		まじく ひょうてき 登込法		5764 Peladeau Street Sidewalk right of
James Gribi			e	way
1.14E+12 Ninyo and Moore - Kris	23:49.4 Approved	200 WR2005-2258	Ģ	Emeryville 4060 Hollis St
1.13E+12 OTG	53:11.5 Approved	200 WR2005-2208		4060 Hollis St Emeryville
Enviroengine	Sector Physics		아이들은 신가 같은	Elina Jiwa
ering				
Solutions, Inc - Tong				
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International,	erre to opporte	AND TYPICANDELLE		1259 and 1265 65th Street, and 1276
inc Dion				Ocean Ave
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	Joaquin Company Inc.			- 10 A					1.1					1.4.2.	-60	60	9,27	San Pablo		shveen 400	h and
		1.1			1997	et 11	111	t de la	11. A				ge t	مر شده	172	64	: e 🖓	41sl Street	5	242.0	
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Page 1 of 3

Appendix D Attachnowt 3

From:"Wells" <wells@acpwa.org>Subject:RE: [Fwd: Request for well survey]Date:Tue, May 23, 2006 4:33 pmTo:xtong@otgenv.com

## Xinggang:

I look up the permits for you and it appears that the information was incorrect in out data base. W00-101A is actually 99WR101A was appears that it was for a monitoring well destruction and not a supply well construction like it states.

W00-0654 states a supply well also, but it was for a contamination investigation and not a supply well.

I have attached the permits in question. Please feel free to contact me if you have any questions.

P.S. I have also corrected the information for the future. Thanks for notifying us.

James Yoo Engineer-Scientist Alameda County Public Works Agency Water Resources Section 399 Elmhurst St. Hayward, CA 94544 PH: (510) 670-6633 FAX: (510) 782-1939

To obtain drilling permits or to get drilling permit Information, please visit our website: www.acgov.org/pwa/wells

-----Original Message-----From: <u>xtong@otgenv.com</u> [mailto:<u>xtong@otgenv.com</u>] Sent: Monday, May 22, 2006 6:30 PM To: Wells Cc: <u>george\_muehleck@urscorp.com</u> Subject: RE: [Fwd: Request for well survey]

Hi James,

I went through the spreadsheet you supplied and identified the following two "supply well" as concern and like to have more details:

Permit # W00-101A, labeled as "supply well" on "Sherwin Ave" in Emeryville & installed on 3/18/1999 by Levine Fricke.

Permit # W00-654, labeled as "supply well" on "Hollis St" in Emeryville & installed on 10/15/2000 by Soma Environmental.

These two "supply wells" are potentially located within 1/2 mile of the 4000 San Pablo Ave site. I think these two wells may be extraction wells for remediation. I like to have the street address of the two wells and their construction details.

1.1

Thank you James.

Xinggang OTG Enviroengineering

```
RE: [Fwd: Request for well survey]
Subject:
        "Wells" <wells@acpwa.org>
From:
Date:
       Thu, May 11, 2006 7:59 pm
To:
     xtong@otgenv.com
> Sorry. I don't have the time to filter out the ones that you don't
need.
> I gave you everything I have. The subject site at 4000 San Pablo Ave.
> Emeryville is in the State system as 1S/4W-23
>
> In accordance with Section 13752, information obtained from these
> reports shall be kept confidential and shall not be disseminated,
> published, or made available for inspection by the public without
> written authorization from the owner(s) of the well(s). The
> information shall be used only for the purpose of conducting the
> study. Copies obtained shall be stamped CONFIDENTIAL and shall be
> kept in a restricted file accessible only to agency staff or the
authorized agent.
\geq
> The information provided is deemed reliable but not guaranteed.
\geq
> If you have any question please feel free to contact me.
> Thanks.
5
`>
>
> -----Original Message-----
> From: xtong@otgenv.com [mailto:xtong@otgenv.com]
> Sent: Wednesday, May 10, 2006 2:33 PM
> To: james.yoo@acpwa.org; Wells
> Subject: [Fwd: Request for well survey]
>
> ----- Original Message
> _____
> Subject: Request for well survey
> From: <u>xtong@otgenv.com</u>
         Wed, May 10, 2006 5:29 pm
 Date:
>
≯ To:
          james.yoo@acgov.org
> Cc:
         wells@acgov.org
> _______
                                 > --
> ---
>
> Hi James,
>
> I talked to you yesterday afternoon regarding well survey request.
                                                                  Ι
> got Barney Chan signed the "Well Completion Report Release Agreement -
> Agency"
> and I faxed it to you this morning (total three pages). But my fax
> machine did not print out confirmation sheet, so I email here to you
> the request.
> I'd really appreciate if I could get the well survey information back
> from you sometime next week. We had a private company (Banks
```

## RE: [Fwd: Request for well survey]

```
> Information
> Solutions) to conduct a well search, but it came up with only a few
> wells.
> I know there are tons of wells in the area. The site has the street
> addresss of 4000 San Pablo Avenue, Emeryville, CA.
>
> Thank you James.
```

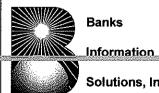
```
> Xinggang Tong, PhD, PE
> OTG Enviroengineering Solutions, Inc.
> 464 19th Street, Suite 206
> Oakland, CA 94612
> (510) 465-8982
> fax (510) 868-0667
>
```

## Download this as a file

Page 3 of 3

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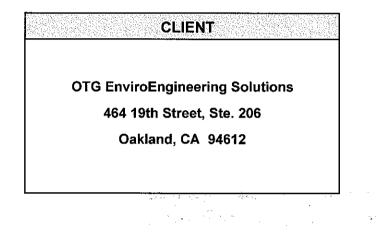
Appendix D Sttachmont 4

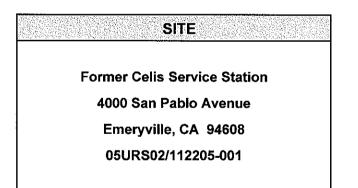


TM Water Well Report<sup>™</sup>

Solutions, Inc.

November 22, 2005





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Banks

Information

## Water Well Report<sup>™</sup>

Solutions, Inc.

DETAILS

State ID	01-763	MAPID
Banks ID	0600100033	
Owner Of Well	American Rubber Co.	
Type Of Well	N/A	
Depth Drilled	160 '	
Completion Date	N/A	
Longitude	-122.28176	
Latitude	37.83222	

State ID	01-738	MAPID
Banks ID	0600100032	2
Owner Of Well	Toscani Bakery	
Type Of Well	N/A	
Depth Drilled	108'	
Completion Date	5/8/1928	
Longitude	-122.27451	
Latitude	37.8308	

State ID	01-745	MAPID
Banks ID	0600100031	3
Owner Of Well	City of Paris Cleaning & Dyeing Works	
Type Of Well	N/A	
Depth Drilled	97 '	
Completion Date	N/A	
Longitude	-122.28028	
Lafitude	37.82656	

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