TANK CLOSURE
AND
GROUND WATER MONITORING WELL
INSTALLATION REPORT

WEST GRAND REFRIGERATION FACILITY
(Former Safeway Ice Cream Facility)

2240 FILBERT STREET
OAKLAND, CALIFORNIA

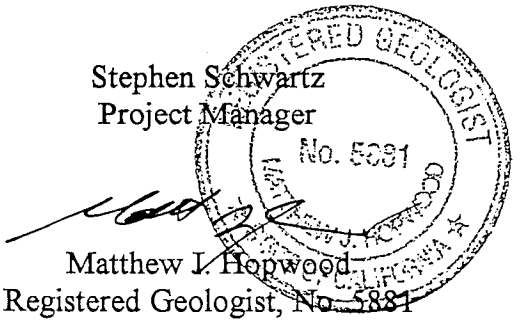
Prepared for:

Mr. J. R. Martin
Orbit Property Corporation
1475 Powell Street
Emeryville, California 94608

Prepared by:

IT Corporation
4584 Pacheco Boulevard
Martinez, California 94553

Stephen Schwartz
Project Manager



Matthew J. Hopwood
Registered Geologist, No. 5881

IT Project No. 763795
April 1996

Regional Office

INTERNATIONAL TECHNOLOGY CORPORATION

4585 Pacheco Boulevard
Martinez, California 94553-2233
510-372-9100
Fax: 510-372-5220

13 May 1996

Mr. J.R. Martin
Property Manager
Orbit Property Corporation
1475 Powell Street, 2nd Floor
Emeryville, California 94608

Reference: Tank Closure and Ground Water Monitoring Well Installation
West Grand Refrigeration
IT Project No. 763795

Dear Mr. J.R. Martin:

IT Corporation, (IT) is pleased to submit this report for the closure of one (1) 800 gallon unleaded gasoline tank (UST) from the above referenced project site. Following the closure of the UST, IT installed two (2) ground water monitoring wells as outlined in the workplan dated August 1995.

If you have any questions or require additional information, please feel free to contact the undersigned at (510) 372-9100 ext 3240.

Sincerely,

IT CORPORATION

Stephen Schwartz
Project Manager

TABLE OF CONTENTS

ATTACHMENTS

Attachment 1 Permits
Attachment 2 Copy Of The Evergreen Environmental Bill of Lading
Attachment 3 Laboratory Analytical Reports/ Chain of Custody Documentation
Attachment 4 Boring/Well Construction Logs
Attachment 5 Field Notes/Well sample Logs
Attachment 6 Copy of the Survey Report

1.0 Introduction

IT Corporation (IT) was retained by the Orbit Property Corporation to complete a subsurface investigation and in-place tank closure at the West Grand Refrigeration Facility located at 2240 Filbert Street in Oakland, California. The purpose of the site activities was to close a 800-gallon unleaded gasoline underground storage tank (UST), determine a ground water gradient and direction, and examine site soil and groundwater quality surrounding the location of the 800-gallon UST.

Site activities also included the drilling and installation of two (2) ground water monitoring wells to examine the extent of petroleum hydrocarbon migration (if any) at the subject site. These two (2) wells will be utilized in conjunction with an existing well to determine the ground water gradient and direction at this site.

1.1 Site Description

The facility occupies one city block (approximately 165,000 square feet) situated in the western region of Oakland at the intersection of West Grand and Filbert Street (Figures 1 and 2). The area surrounding the site consists of residential, mixed commercial and small industrial properties. A small parking lot is located east of the main facility across Myrtle Street.

1.2 Permits

The permit required to close the UST on the project site was procured on 23 August 1995 (Attachment 1). The permit was issued by Ms. Jennifer Eberle, a Hazardous Materials Specialist with the office of the Alameda County Environmental Protection.

The City of Oakland Fire Marshall's office was notified of the tank removal activities and a deputy was present during the cleaning and verification of the tank atmosphere. The permit that was issued from the City of Oakland is included in Attachment 1.

Drilling permit No. 96157 was obtained from Mr. Wyman Hong with the Zone 7 Water Agency.

The scope of work was initially planned to be completed during September - October 1995. Although the tank closure was completed on 12 September 1995, the property owner, Orbit Property Corporation, had some considerable difficulties in obtaining the street excavation and encroachment permits required to initiate the drilling work. The permits were secured in January

1996 and field work began in March 1996, as weather permitted.

1.3 Scope of Work

The scope of work was explained in the IT document ***Work Plan for Monitoring Well Installation and In-Place Tank Closure, Former Safeway Ice Cream Facility, 2240 Filbert Street, Oakland, CA*** (August 1995) which described the UST closure procedures and drilling, sampling, and installation of two groundwater monitoring wells.

1.4 Tank Closure

Initial reports, and Phase I investigations completed by McCulley, Frick & Gilman, indicated that through interviews and physical observations it was thought that the tank under the loading dock at the corner of Filbert and West Grand was a 550 gallon fuel oil tank (Figure 2). Therefore, IT personnel expected to encounter approximately 500 gallons of water and/or fuel oil. However, IT personnel pumped approximately 800 gallons of water from the tank. The water had a slight gasoline odor associated with it and during cleaning activities, an unleaded gasoline identification tag was found wrapped around the bottom of the fill port.

The following scope of work was completed from 28 August 1995 through 15 October 1995:

1) Tank closure permits were obtained from the City of Oakland Fire Department, Alameda County Environmental Protection Office.

2) A site specific Work Plan and Health & Safety Plan was prepared to document all work procedures, proposed laboratory analysis, emergency procedures, and health and safety protocol.

3) The tank was pumped of approximately 800 gallons of water. IT personnel utilized a 2,000 pounds per square inch (psi) pressure washer to triple rinse the tank interior.

4) 343 gallons of cleaning rinsate was pumped from the tank. The tank contents and rinsate was transported under a Non-Hazardous Bill of Lading to Evergreen Oils, in Newark, California for disposal/recycle (a copy of this document is included in Attachment 2).

5) Prior to inerting the tank, the initial lower explosive level (LEL) and oxygen content were measured with a Gastech explosimeter. One hundred pounds of dry ice were placed inside the tank to purge it of any volatile vapors.

6) Inspector Sylvia Chaney-Williamson with the City of Oakland fire Department, inspected the tank atmosphere and confirmed a final LEL of 3% and an oxygen level of 2.6%.

7) The tank was grouted with approximately seven (7) cubic yards of a controlled density fill comprised of a low compressive strength Portland Type I/II cement slurry.

1.3.2 Ground Water Monitoring Well Installation

The second phase of the scope of work included drilling, sampling, and installing two (2) ground water monitoring wells. The data collected was evaluated to assess soil and ground water quality adjacent to the closed in-place 800-gallon unleaded gasoline UST and to aid in delineating the direction and gradient of ground water beneath the project site.

Initially, well MW-3 was to be installed within the sidewalk on the north side of Myrtle Street. However, the City of Oakland would not issue a permit for this well location because they felt the well could easily be moved within the property boundaries. Their policy is to, whenever possible, install wells inside the project site property boundaries rather than the City of Oakland public streets or sidewalks. Therefore, the MW-3 well location was relocated to its present position inside the property boundary (Figure 2).

IT completed the following site activities during March and April 1996:

1) IT obtained a Zone 7 Water Agency permit to install two (2) ground water monitoring wells (MW-3 and MW-4).

2) IT informed Underground USA prior to drilling and obtained a utility clearance number (Clearance Number X9600213).

3) Spectrum Geophysical was utilized on site to physically search for any underground utilities that may be directly involved with the drilling operations. An unknown line was found in the sidewalk adjacent to the proposed MW-4 location. As a result of the utility line, the well was placed approximately 2 feet closer to the tank (in the assumed down gradient direction).

4) IT saw cut the concrete at each well location.

5) IT utilized Gregg Drilling to drill the borings for the two wells. Upon completion of the boring, the wells were completed with 2-inch blank and 0.01 slotted, schedule 40 PVC well casing.

6) IT returned to the site within 72 hours and developed each well by removing a minimum of 8 casing volumes of ground water.

7) Approximately 24 hours after the well development activities were completed, IT returned to the site and obtained ground water samples from MW-3 and MW-4.

8) Monitoring wells MW-1, MW-3, and MW-4 were surveyed by Earl L. Gray, a licensed land surveyor located in Pleasant Hill, California.

9) At the request of Ms. Jennifer Eberle, IT returned to the site and sampled MW-1 and MW-2 and re-sampled MW-3 and MW-4. Pursuant to the recently completed Risk Assessment and aid the site closure plans, Ms. Eberle requested that all of the wells on this site be sampled at the same time (Sampling all of the wells on the property was not included as part of the initial IT work plan).

2.0 Field Investigative Procedures

2.1 Drilling Methodology

IT notified Underground Services Alert (USA) two working days before initiating any drilling activities. An independent utility locating service, Subtronic Incorporated, was also used to screen potential monitoring well locations so that potentially buried hazards in the area would not be encountered while drilling. Prior to field work, the field geologist conducted a tailgate safety meeting to ensure proper site safety precautions were identified and also to conform to the IT site-specific Health and Safety Plan.

The borings were drilled on 6 March 1996 by representatives of Gregg Drilling, a C-57 licensed driller, using a B-61 hollow-stem auger rig with an 8 1/4 inch outer diameter (O.D.) auger. Each boring was initially advanced with a hand auger for the first three feet to reduce the potential for disturbing underground utilities or structures. The boring intended for Monitoring Well MW-3 was advanced to a depth of 19 feet below ground surface (bgs). The boring drilled for Monitoring Well MW-4 was advanced to 18 feet bgs.

The borehole for Monitoring Well MW-3 and MW-4 were logged and soil samples obtained under the direction of the IT field geologist. Soils were described using the visual method of the Unified Soil Classification System (USCS) as described in United States Bureau of Reclamation document No. 5005-86. See Appendix B for a copy of the boring logs.

Before advancing to the next borehole, the drilling augers were exchanged for decontaminated equipment to reduce the potential for cross-contamination. Soils generated during drilling procedures were also contained in 55-gallon drums, marked and stored on-site.

All drilling and well installation conformed to California Regional Water Quality Control Board - San Francisco Bay Region (RWQCB-SF), ***Guidelines for Addressing Fuel Leaks,*** September 1985.

2.2 Monitoring Well Soil Sampling

The soil cuttings produced during the installation of the borings for Monitoring Well MW-3 and MW-4 were observed continuously in order to provide a detailed geologic record for interpretation. Soil samples for analysis were collected every five feet, beginning at 5.0 feet below grade in decontaminated brass tubes. Samples were collected utilizing a California Modified Split Spoon Sampling Device. Prior to each sample run, the sampler and brass tubes were decontaminated with a non-phosphate detergent scrubbing, tap water rinse, and a final distilled water rinse. Brass tubes precleaned by the supplier were used for sample containment. Upon retrieval of the sample barrel, the sample tubes selected for chemical analysis were sealed with Teflon lined plastic end-caps, labeled, and placed in separate, seam-sealing, polyethylene Ziplock bags. The polyethylene bags were sealed with security tape and placed in an ice chest cooled with water ice. The samples were delivered for analysis to Entech Analytical Labs (Entech), Inc., a State certified laboratory located in Sunnyvale, California. Analysis Request and Chain-of-Custody Records were maintained for all samples shipped to the laboratory (Attachment 3).

2.3 Monitoring Well Installation and Construction

Groundwater monitoring wells MW-3 and MW-4 were constructed using two-inch diameter, Schedule 40, threaded polyvinyl chloride (PVC) blank casing and 0.010-inch slotted PVC screen. The screened interval was ten feet in length and was installed to extend approximately eight feet below the water table and two feet above the saturated zone (to accommodate seasonal groundwater fluctuations).

Groundwater was first encountered in the borings for MW-3 and MW-4 at approximately 9 and 11 feet bgs, respectively.

The monitoring wells were fitted with friction end caps. The annulus was packed with clean, #2/12 phi graded sand from the bottom of the borehole to approximately 1-1/2 feet above the top of the screen. A one-foot thick bentonite seal, constructed of bentonite pellets, was placed on top of the filter pack, followed by cement grout (Portland Type I/II) to within six inches of the ground surface. The well was finished with a tightly fitted locking cap protected by a flush mounted curb box.

Construction details are included on the boring logs in Attachment 4.

2.4 Monitoring Well Development

On 11 March 1996, wells MW-3 and MW-4 were developed by swabbing and hand bailing techniques. Swabbing was accomplished by the use of a vented surge block in up and down strokes, no more than three feet in length, beginning at the top of the screened well casing and progressing to the bottom of the well. The swabbing activity was performed to draw fine sediments from the screen filter pack and increase hydraulic communication with the water-bearing zone.

A total of approximately 16 gallons of groundwater was purged from MW-3 during the well development procedure (ten well volumes), at which time the water appeared clear and free of sediments. Well development continued until the field measured parameters of pH, temperature, conductivity, and turbidity stabilized (Appendix C). No free phase petroleum hydrocarbons were noted during well development.

A total of approximately 16 gallons was purged from MW-4 in the same manner as described above.

2.5 Monitoring Well Groundwater Sampling

Monitoring wells MW-3 and MW-4 were initially purged and sampled to assess ground water quality on 14 March 1996 (greater than the minimum 24 hours necessary following well development). Prior to purging, water levels were measured using a water level indicator and checked for the presence of free product utilizing an interface probe. Free product was not encountered in any of the ground water monitoring wells at this site.

The wells were purged of three wetted casing volumes using a disposable bailer to help eliminate the chance of cross-contamination between wells. The wells were sampled when measurements of temperature, conductivity, and pH stabilized. Samples were poured directly from each bailer into 40-ml VOA and 2-L amber glass bottles preserved with HCl. All sample bottles were supplied and preserved by the laboratory. Care was taken to ensure that no headspace was present in the sample bottles. Once the samples were collected, the bottles were placed in seam-sealing polyethylene bags and sealed with security tape. The samples were stored in an ice chest with water/ice until delivery to Entech for analysis. Sample collection logs are included in Attachment 5.

At the request of Ms. Eberle, IT personnel returned to the project site on 25 April 1996, and sampled MW-1 and MW-2, and re-sampled MW-3 and MW-4. The samples were obtained as described above. The samples were delivered under chain of custody protocol to McCampbell Analytical, Inc. a State certified laboratory located in Pacheco, California.

2.6 Ground Water Direction and Gradient

The elevation of the monitoring wells MW-1, MW-3, and MW-4 were surveyed by Earl Gray Land Surveyors, a licensed land surveyor, to the nearest 0.01 foot and referenced to an established Oakland benchmark.

The resultant data shown below was employed in the calculation of groundwater gradient and flow directions.

WELL IDENTIFICATION	ELEVATION TOC(Feet)*	DEPTH TO WATER (Feet from TOC)	WATER SURFACE ELEVATION (Feet)
MW-1	11.92	8.95	2.97
MW-2	N/A	10.3	N/A
MW-3	13.29	9.68	3.61
MW-4	11.77	9.4	2.37

* Well Survey Conducted by Earl L. Gray (ELG) Surveying on 29 March 1996.

Depth To Water Measurement Obtained on 25 April 1996 at Time of Sampling.

TOC = Top of Well Casing
Datum = Sea Level

The ground water direction on 25 April 1996, was to the south south west at a gradient of approximately 0.0044 feet/feet (Figure 3).

The survey report is included as Attachment 6.

2.7 Disposal of Investigation-Derived Wastes

Drill cuttings, decontamination liquids, and groundwater removed from the wells during well development and purging were drummed and stored on site. (Drill cuttings were segregated from the liquids.) Used sample tubes, disposable bailers, and bailer rope from water sampling were placed in the drums containing the drill cuttings and disposed of with the soil. The cuttings were found to be non-detect of all analyzed chemical constituents and re-used on site. At the time of writing this report, the purge waters and decontamination liquids were being profiled into Crosby and Overton for non-hazardous disposal at a State certified disposal facility.

3.0 Laboratory Analytical Procedures

3.1 Monitoring Well Soil Sample Analysis

The soil samples were analyzed using the methods and detection limits shown below:

Analysis Name	Method	Detection Limit (ppm)
TPH as Gasoline	EPA Method 8015 (Modified)	1.0
Benzene Toluene Ethyl Benzene Xylenes	EPA Method 8020	0.005 0.005 0.005 0.005
TPH as diesel	DHS GC FID Modified 8015	1.0

Note: TPH = total petroleum hydrocarbons

Upon arrival to the laboratory, sample condition was checked and any nonconformaties were noted.

3.1 *Monitoring Well Groundwater Sample Analysis*

Initially the samples obtained from MW-3 and MW-4 were analyzed utilizing the methods and detection limits shown below:

Analysis Name	Sample Container	Method	Detection Limit (ppb)
TPH as Gasoline	1 (1) L amber bottle	EPA Modified 8020	0.5
Benzene Toluene Ethylbenzene Total Xylenes	Three 40 ml volatile organic vials with HCl	EPA Modified 8020	0.5 0.5 0.5 0.5
TPH as Diesel	1 (1) L amber bottle with HCl	DHS GC-FID Modified (8015)	50

NOTE: TPH = Total Petroleum Hydrocarbons

On 25 April 1995, at the request of Ms. Eberle, IT returned to the site and sample all four of the wells associated with this site. The ground water samples obtained from MW-1 through MW-4 were analyzed utilizing the methods and detection limits shown below:

Analysis Name	Sample Container	Method	Detection Limit (ppb)
TPH as Gasoline	1 (1) L amber bottle	EPA Modified 8020	0.5
Benzene Toluene Ethylbenzene Total Xylenes	Three 40 ml volatile organic vials with HCl	EPA Modified 8020	0.5 0.5 0.5 0.5
TPH as Diesel	1 (1) L amber bottle with HCl	EPA Modified 8015	50
TPH as Motor Oil (Oil and Grease)	1 (1) L amber bottle with HCl	EPA Modified 8015	250

NOTE: TPH = Total Petroleum Hydrocarbons

The samples were delivered to the laboratory in a chilled ice chest with appropriate chain of custody forms. Upon arrival at the laboratory, the sample condition was checked and any nonconformaties were noted on the chain of custody forms. Copies of the Analysis Request and Chain of Custody forms are included in Attachment 3 of this report.

4.0 Laboratory Analytical Results

4.1 Soil Samples

Field instrumentation and laboratory analysis of the soil samples collected from MW-3 and MW-4 revealed no detectable concentrations of either total petroleum hydrocarbons as diesel, gasoline, or BTEX compounds.

4.2 Ground Water Samples

During the initial sampling of wells MW-3 and MW-4 on 14 March 1996, MW-4 contained 200 ug/L TPH as gasoline. MW-3 contained no residual hydrocarbons above the method detection limits. BTEX constituents were also not detected in either of the wells.

Following completion of the second sampling event on 25 April 1996, well MW-1 and MW-3 did not contain any of the chemical constituents that were analyzed. MW-2 contained 1,100 and 2,400 ug/L TPH-diesel and gas, respectively. MW-2 contained 9.0 ug/L benzene and trace amounts of toluene, ethylbenzene, and xylenes. MW-4 contained 100 and 430 ug/L diesel and gasoline, respectively. Benzene was not detected in the MW-4 sample. However, toluene, ethylbenzene, and xylenes were present in trace amounts.

The analytical results for the soil and ground water samples are presented in Table 1 and 2, respectively.

5.0 Conclusion and Recommendations

Residual hydrocarbons were not detected in the monitoring well boring soils as determined by the on-site photoionization meter, olfactory senses and laboratory analytical data. The final soil sample obtained from MW-4 at 10.5 feet bgs, did not contain any residual hydrocarbons above the method detection limit. The ground water sample obtained from this area contained trace amounts of weathered residual hydrocarbons (Benzene was not detected in the sample). Therefore, based on the location of MW-4, it can be postulated that the closed-in place, 800-gallon unleaded UST did not significantly leak and impact the surrounding environment.

Benzene was not detected in any of the ground water samples directly associated with this project site. However, it appears that MW-2 (up gradient, across myrtle in the parking lot) is being impacted from residual hydrocarbons and benzene originating from an unknown upgradient off site source.

Past and present water sample data has shown that there is no large scale residual hydrocarbon impact on the ground water at this site. IT would agree with a decision to obtain site closure at this location.

DRAWING NUMBER

CHECKED BY

APPROVED BY

DRAWN BY

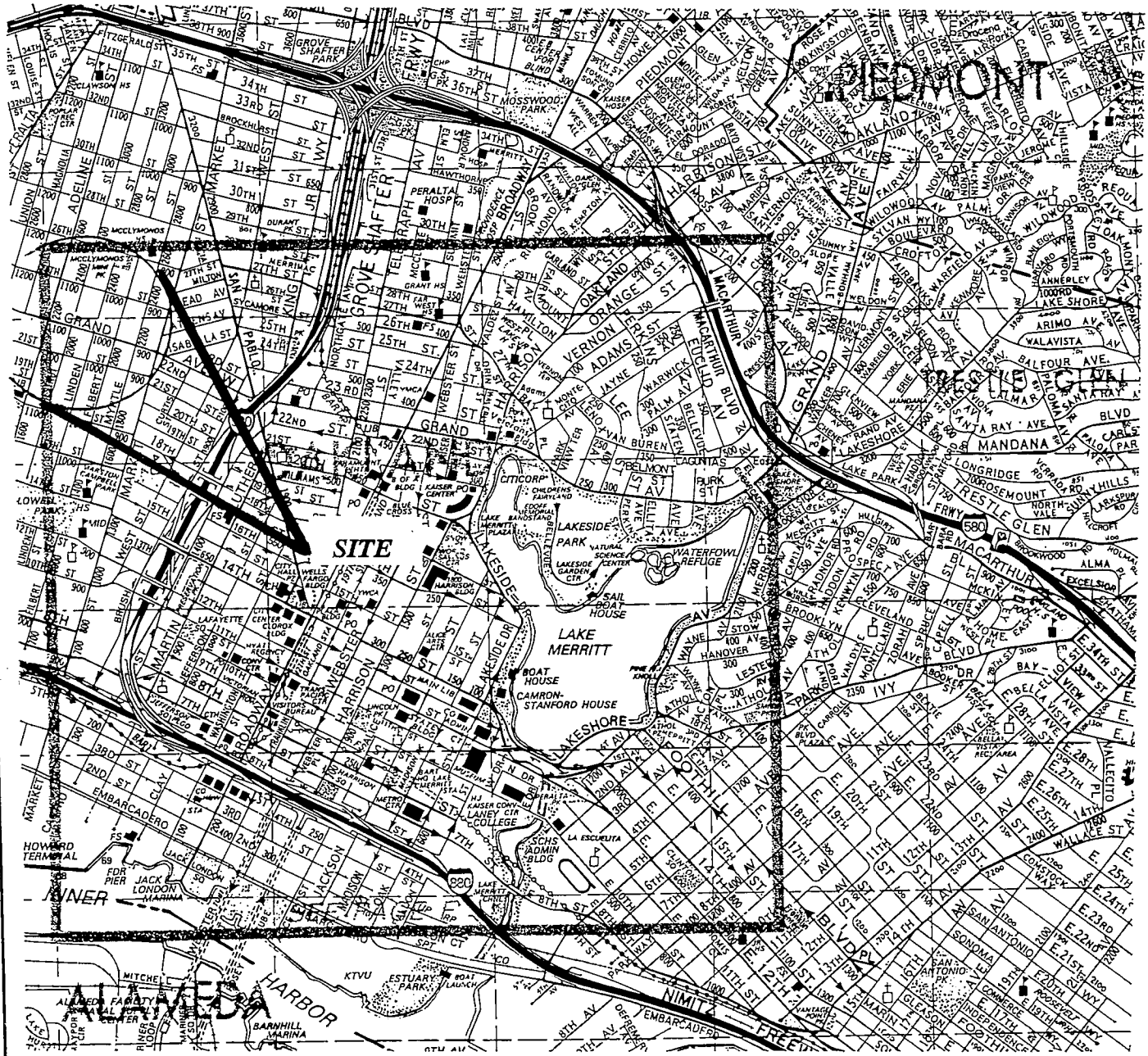


FIGURE 1

LOCATION MAP
2240 FILBERT STREET
OAKLAND, CA

IT . . Creating a Safer Tomorrow

126076

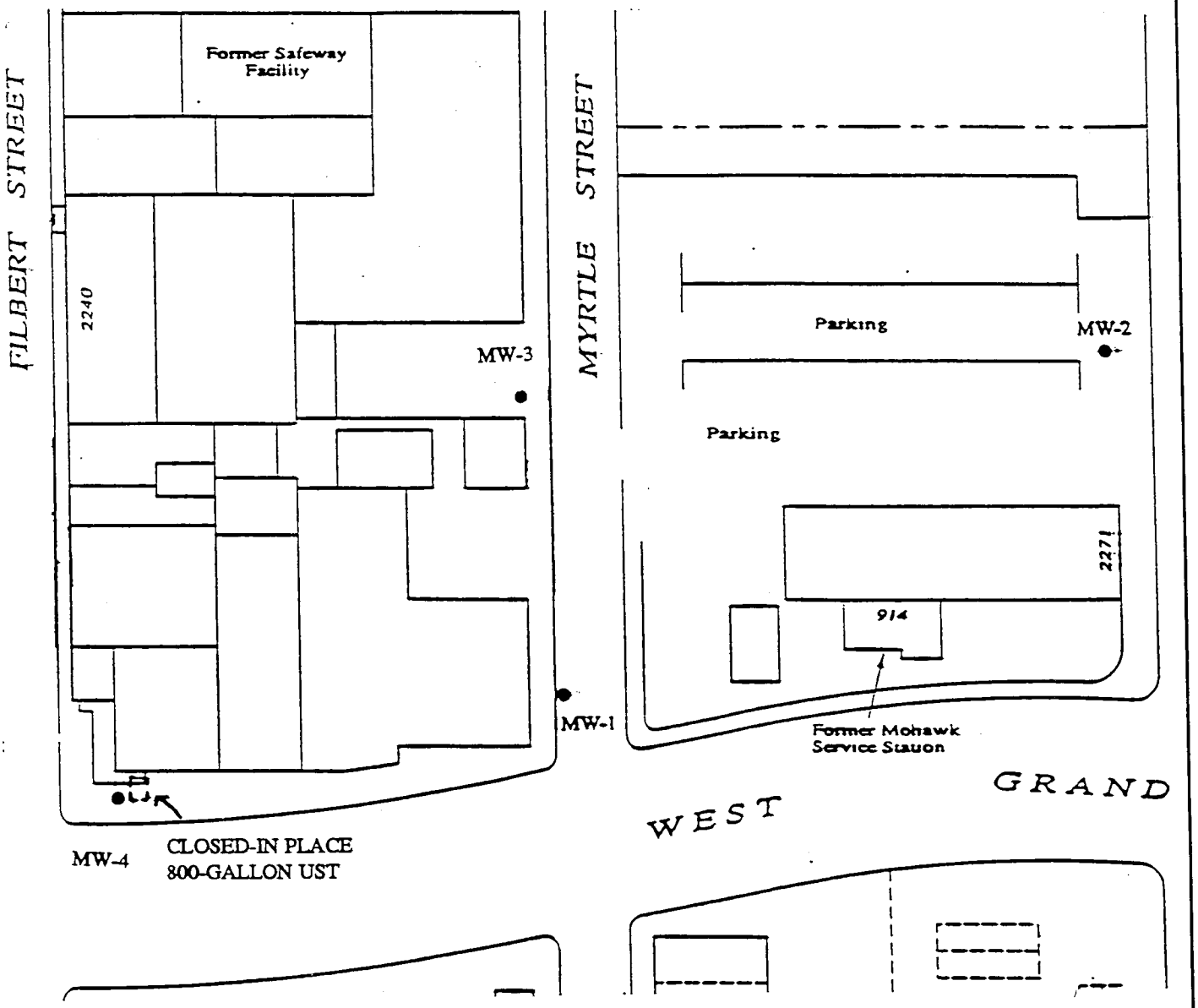


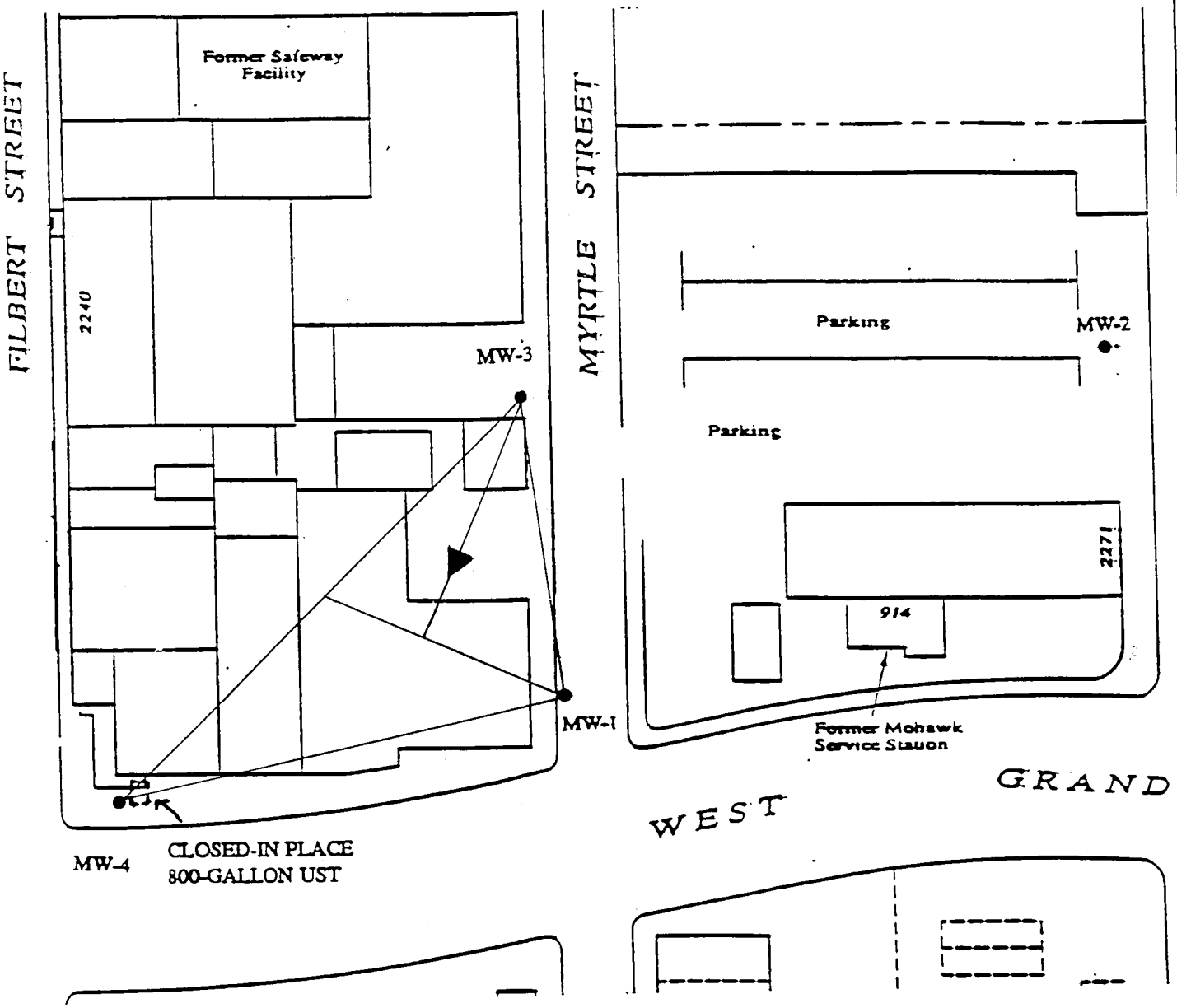
FIGURE 2

GROUND WATER MONITORING WELL LOCATION MAP
2240 FILBERT STREET
OAKLAND, CA

DRAWING NUMBER
CHECKED BY
APPROVED BY
DRAWN BY

126076

IT . . Creating a Safer Tomorrow



DRAWING NUMBER

CHECKED BY
APPROVED BY

DRAWN BY

FIGURE 3

GROUND WATER DIRECTION MAP
2240 FILBERT STREET
OAKLAND, CA

. . Creating a Safer Tomorrow

TABLE 2

GROUND WATER SAMPLING RESULTS
West Grand Refrigeration
2240 Filbert Street
Oakland, California

SAMPLES OBTAINED 14 MARCH 1996.

SAMPLE I.D.	TPH Diesel (ug/L) Method 8015M	TPH Gasoline (ug/L) Method 8015M	Benzene (ug/L) Method 8020	Toluene (ug/L) Method 8020	Xylene (ug/L) Method 8020	Ethyl Benzene (ug/L) Method 8020
MW-3	ND<1.0	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005
MW-4	ND<1.0	**200**	ND<0.005	ND<0.005	ND<0.005	ND<0.005

SAMPLES OBTAINED APRIL 25 1996.

SAMPLE I.D.	TPH Diesel (ug/L) Method 8015M	TPH Gasoline (ug/L) Method 8015M	Benzene (ug/L) Method 8020	Toluene (ug/L) Method 8020	Ethyl Benzene (ug/L) Method 8020	Xylene (ug/L) Method 8020
MW-1	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-2	**1,100**	**2,400**	**9.0**	**3.3**	**3.7**	**5.1**
MW-3	ND<1.0	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-4	**100**	**430**	ND<0.5	**0.80**	**1.1**	**3.5**

ND<50 = Chemical constiuent below the method detection limit

NOTE: EACH SAMPLE WAS ANALYZED FOR TPH-MOTOR OIL AND ALL WERE BELOW METHOD DETECTION LIMITS

TABLE 1

SOIL SAMPLING RESULTS
West Grand Refrigeration
2240 Filbert Street
Oakland, California

SAMPLE I.D.	TPH Diesel (mg/Kg) Method 8015M	TPH Gasoline (mg/Kg) Method 8015M	Benzene (mg/Kg) Method 8020	Toluene (mg/Kg) Method 8020	Xylene (mg/Kg) Method 8020	Ethyl Benzene (mg/Kg) Method 8020
SOIL SAMPLES						
MW-3-5.5'	ND<1.0	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005
MW-3-10'	ND<1.0	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005
MW-4-5.0'	ND<1.0	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005
MW-4-10.5'	ND<1.0	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005

MW-3-5.5' = Soil sample from MW-3 at 5.5 feet

ND<0.05 = Below the method detection limit

PERMITS

CITY OF OAKLAND
REPORT OF FIRE INSPECTION

ENGINE CO. OFP

ADDRESS

NAME Stephen W. Schwartz

GENERAL INSPECTION ☒ PERMIT ☐ OTHER ☐ HAZARD NOTED ☒ HAZARD ABATED ☐

NOTICE LEFT LETTER ☐ ☐ | 1st NOTICE | 2nd NOTICE | FINAL

DATE	VIOLATION	O.F.C.	CONTACTED
9-12-95	tank Removal of Water 1,500 Gal tank. Insp. arrive at site 11:30 a.m. applicant had not completed pumping water and NO ICC applied.		Steve Schwartz

A REINSPECTION WILL BE MADE WITHIN ____ DAYS.
Return 2:P.M. 8-12-95

FIRE PREVENTION BUREAU — PHONE 238-3851

338-5 (Rev. 7/95) INSPECTOR Sylvia Chavez Williamson

CITY OF OAKLAND
REPORT OF FIRE INSPECTION

ENGINE CO. OFB

ADDRESS 2240 Filbert St

NAME Steve Schwartz

GENERAL INSPECTION ☐ PERMIT ☒ OTHER ☐ HAZARD NOTED ☐ HAZARD ABATED ☒

NOTICE LEFT LETTER ☒ ☐ | 1st NOTICE | 2nd NOTICE | FINAL

DATE	VIOLATION	O.F.C.	CONTACTED
9/12/95	CE.C. 03 02 2.6 500 gal tank removal of water from tank. O.K.		Steve

A REINSPECTION WILL BE MADE WITHIN 8 DAYS.

FIRE PREVENTION BUREAU — PHONE 238-3851

338-5 (Rev. 7/95) INSPECTOR Sylvia Chavez Williamson

Excavation Permit Granted _____ No. _____

CITY OF OAKLAND

Tank Permit

Permit to Excavate and Install, Repair, or Remove Inflammable Liquid Tanks. No. 9953

Oakland, California, September 11 19 95

PERMISSION IS HEREBY GRANTED TO ~~install~~ remove ~~repair~~ FUEL OIL Gasoline tank and excavate commencing _____ feet inside property line

on the North side of West Grand AVe. Street Avenue _____ feet _____ of _____ Street Avenue

House No. 2240 Filbert St. Street Avenue Present Storage Ice/Refrigeration

Owner Orbit Properties DBA West Grand Refrigerat. Address 1475 Powell St. Emeryvill 94608 Phone 652-0802

Applicant IT Corporation Address 4585 Pacheco Blvd. Martinez, 94553 Phone 372-9100

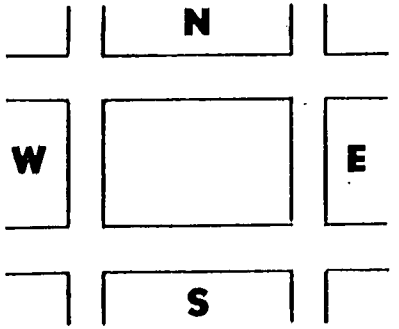
Dimensions of street (sidewalk) surface to be disturbed _____ X _____ Number of Tanks 1 Capacity 500 Gallons, each.

Remarks: Closure in place, tank to be filled with concrete

This Permit is granted in accordance with existing City Ordinances.
Owner hereby agrees to remove tanks on discontinuance of use or when notified by the City Authorities.
When installing, removing or repairing tanks, no open flame to be on or near premises.

Approved _____ Fire Marshal

Approved _____ Drainage Division Engineering Dept.



EXCAVATING PERMIT

Issued in accordance with Ord. No. 278 CMS, Sec. 6-2.04

_____ square feet of digging or removal granted.

The receipt of $ _____ special deposit is hereby acknowledged.

GENERAL DEPOSIT.

BUREAU OF PERMITS AND LICENSES.

Inspection Fee Paid - - - - - - - - $ 150.00

Received by S. Smith ck#1374 receeipt #727361

FIRE PREVENTION BUREAU

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Inspected and passed on _____ 19 ____

By _____ Fire Marshal

NOTICE

Before Covering Tanks, Above Certificate Must Be Signed.

When ready for inspection notify **Fire Prevention Bureau, 273-3851**

THIS PERMIT MUST BE LEFT ON THE WORK AS AUTHORITY THEREFOR.

538-68 (6-67)

City of Oakland
CASH RECEIPT

Cash Receipt **No.** 727361

Cash Receipt Voucher # CR

Cash ☐
Check ☑

Payment Received from: IT Corporation (4585 Pacheco Blvd, Martinez, CA 94553)

DIRECT CASH CREDITS

Item	Remarks	Fund/SF	Organization	Account	Proj/Grant/ Cost Ctr./WO	Yr	Loc	Task	Dept Specific	Fixed Asset No	Trans ID	Revenue Source	Amount
1	Fuel Oil Removal	10100	20310	42412		6							$150.-
2													.
3													.
4													.
5													.
											SUBTOTAL		$150.-

Auxillary Receipt Reference # 2240 Filbert St.

Explanation: _____

ACCOUNTS RECEIVABLES

Item	Description	Customer Number	Invoice Number	Amount
1				$150.-
2				.
3				.
4				.
5				.
			SUBTOTAL	.
			TOTAL	$150.00

Fire Prevention Bureau
Department Collecting the Cash

S. Smith 9/8/95
Received by

Received by: Entered by:

Treasury Section

RRCC or Grant Fiscal Affairs

010-010-6 (o (llow to Revenue Reporting /Cash Collection or G lfa Pink to Treasury Section, Goldenrod to Originatin

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PARKWAY, RM 250
ALAMEDA, CA 94502-6577
PHONE # 510/567-6700
FAX # 510/337-9335

Jennifer Eberle
Project Specialist

ACCEPTED
Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
80 Swan Way, Suite 200
Oakland, CA 94621

Gabriele 8-23-95

Closure In Place

UNDERGROUND TANK CLOSURE PLAN
*** * * Complete according to attached instructions * * ***

West Grand Refrigerated Storage

1. Name of Business Orbit Property Corporation
   Business Owner or Contact Person (PRINT) Mr. J.R. Martin
2. Site Address 2240 Filbert Street
   City Oakland, CA Zip 94607 Phone 510-652-0800
3. Mailing Address 1475 Powell Street
   City Emeryville Zip 94608 Phone 510-652-0800
4. Property Owner Orbit Property Corporation
   Business Name (if applicable) _____
   Address 1475 Powell Street
   City, State Emeryville, CA 94608 Zip 94608
5. Generator name under which tank will be manifested
   Not Applicable
   EPA ID# under which tank will be manifested C A _ _ _ _ _ _ _ _ _

c) Tank and Piping Transporter

Name N/A - closure in place EPA I.D. No. _____

Hauler License No. _____ License Exp. Date _____

Address _____

City _____ State _____ Zip _____

d) Tank and Piping Disposal Site

Name N/A EPA I.D. No. _____

Address _____

City _____ State _____ Zip _____

11. Sample Collector

Name Steve Schwartz

Company IT Corporation

Address 4585 Pacheco Blvd

City Martinez State CA Zip 94553 Phone 510-372-9100

12. Laboratory

Name McCampbell Analytical Inc.

Address 110 2nd Avenue South, #D7

City Pacheco State CA Zip 94553

State Certification No. 1644

13. Have tanks or pipes leaked in the past? Yes[ ] No[ ] Unknown[X]

If yes, describe. _____

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (estimated) N/A	Sampling Plan N/A

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after tank removal? [ ] yes [ ] no [ ] unknown

N/A If yes, explain reasoning _____

If unknown at this point in time, please be aware that **excavated soil may not be returned to the excavation without <u>prior</u> approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling operations.**

16. Chemical methods and associated detection limits to be used for analyzing samples:
The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed.
See attached Table 2.

17. Submit Site Health and Safety Plan (See Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPH-d	3510	8015	1 ppm Soil 0.05 water (ppm)
BTEX	5030	8020	5ppb soil .5ppb water
TPH-g	5030	8015	1ppm Soil 0.05ppm water

ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588 VOICE (510) 484-2600
FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 2240 Filbert
Oakland, California

CLIENT
Name Orbit Property Corporation
Address 1475 Powell Voice 510-652-0800
City Emeryville Zip 94608

APPLICANT
Name IT Corporation
Fax 510-228-2501
Address 4585 Pacheco Voice 510-372-4100
City Martinez Zip 94553

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	___	General	___
Water Supply	___	Contamination	___
Monitoring	✓	Well Destruction	___

PROPOSED WATER SUPPLY WELL USE

Domestic	___	Industrial	___	Other	___
Municipal	___	Irrigation	___		

DRILLING METHOD:

Mud Rotary	___	Air Rotary	___	Auger	✓
Cable	___	Other	___		

DRILLER'S LICENSE NO. C-57 485165

WELL PROJECTS

Drill Hole Diameter	8 in.	Maximum Depth	20-25 ft.
Casing Diameter	2 in.		
Surface Seal Depth	14-18 ft.	Number	2

GEOTECHNICAL PROJECTS

Number of Borings	___	Maximum Depth	___ ft.
Hole Diameter	___ in.		

ESTIMATED STARTING DATE Mar 6/96
ESTIMATED COMPLETION DATE Mar 8/96

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE [signature] Date 2/26/96

FOR OFFICE USE

PERMIT NUMBER 96157
LOCATION NUMBER ___

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

(B.) WATER WELLS, INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

C. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

E. WELL DESTRUCTION. See attached.

Approved Wyman Hong Date 5 Mar 96
Wyman Hong

91992

COPY OF THE EVERGREEN BILL OF LADING
(DISPOSAL OF TANK CONTENTS)

Schwartz

Evergreen Environmental Services

80 Smith Ave., Newark CA 94560
00) 972-5284 EPA ID# CAD 980695761

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

RECEIVED
OCT 19 1995
I.T. - SAN JOSE

Bill of Lading / Invoice

INVOICE # 419781

Date 9-25-95

JOB LOCATION Orb. 7 Properties

NAME West Grand Refrigeration	**BILLING INFORMATION** NAME I.T. Corperation
ADDRESS 2240 Filbert St.	ADDRESS ~~896 waterbird way~~
CITY Oakland, CA. STATE ZIP CO	CITY Martinez, CA. 94553 STATE ZIP CO
PHONE NO. 408 894-1200	PHONE NO. 510 372-5802

CASH ☐ CHECK ☐ #

CUSTOMER CODE NO.

PO #

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221			Gal		
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134			Gal		
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 F001/F002			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221	616679	1143	Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums MARTINEZ		358117		Drum		
Transportation Voucher # 166327 Type 20 Batch #				Hrs.		

Other: P.O. # 40203 Type OP — G/L Date 10-27-95 — A/P-MTZ
Other: Subcontr # Type — Dept # 3624001
Other: Vendor # 407745 — Tax Amt.
Other: Invoice # 419781 — Taxable Amt.
Other: Invoice Amt. 353.33 — Tax Exempt Code
Other: Invoice Date 9-25-95 — Tax Rate/Area
Dept. or Proj. 763725 — G/L Code
Cat Acct or Cost Type 1100 — Unit/Item #
Sub Acct or Cost Code 010 — Amount
Sub # 00000 Type — Retainage

OCT 12 1995

TEST PASS ☐ FAIL ☐ PPM Test

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS **TOTAL CHARGES**

Please Pay From This Invoic

TSDF EVERGREEN OIL, INC. (510) 795-1400
6880 Smith Avenue EPA ID# CAD980887418
Newark, CA 94560

Print Name K.M. Schwartz Date

Signature

SITE PROJECTS A/P

RECEIVED

I hereby certify that all information submitted in this and all attached document contains true and accurate descriptions of the waste. All relevant informatio regarding known or suspected hazards associated with the waste has been disclose This further serves as notification that the above liquid wastes are banned from lan disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I hav read and agree to the terms on the reverse side of this form.

DRIVER | ROUTE # | DRIVER SIGNATURE | GENERATOR'S SIGNATURE | PRINT NAME

LABORATORY ANALYTICAL REPORTS
CHAIN OF CUSTODY DOCUMENTATION

Entech Analytical Labs, Inc.

CA ELAP# 1369

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Attn: Steve Schwartz
IT Corporation
4585 Pacheco Blvd
Martinez, CA 94533

Date:	3/14/96
Date Received:	3/7/96
Date Analyzed:	3/13/96
Project:	West Grand Refrigeration
Sampled By:	Client

Certified Analytical Report

Soil Sample Analysis:

Test	*MW-4 5.0'*	*MW-4 10.5'*	*MW-3 9.5-10'*	*MW-3 5-5.5'*	*Units*	*MDL*	*EPA Method #*
Sample Matrix	Soil	Soil	Soil	Soil			
Sample Date	3/6/96	3/6/96	3/6/96	3/6/96			
Sample Time	0820						
Lab #	C3384	C3385	C3386	C3387			
DF-Diesel	1	1	1	1			
TPH-Diesel	**ND**	**ND**	**ND**	**ND**	mg/kg	1.0 mg/kg	8015M
DF-Gas/BTEX	1	1	1	1			
TPH-Gas	**ND**	**ND**	**ND**	**ND**	mg/kg	1.0 mg/kg	8015M
Benzene	**ND**	**ND**	**ND**	**ND**	mg/kg	0.005 mg/kg	8020
Toluene	**ND**	**ND**	**ND**	**ND**	mg/kg	0.005 mg/kg	8020
Ethyl Benzene	**ND**	**ND**	**ND**	**ND**	mg/kg	0.005 mg/kg	8020
Xylenes	**ND**	**ND**	**ND**	**ND**	mg/kg	0.005 mg/kg	8020

1. PQL=DF x MDL
2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1369)

Nick J. Hoare (for)
Michael N. Golden, Lab Director

DF=Dilution Factor
MDL=Method Detection Limit

PQL=Practical Quantitation Limit
ND=None Detected at or above PQL

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: DS029606
Matrix: Soil
Units: mg/kg

Date analyzed: 2/28/96
Date extracted: 2/27/96

PARAMETE	Method #	SA mg/kg	SR mg/kg	MS mg/kg	MS %R	MSD mg/kg	MSD %R	RPD	QC LIMITS (ADVISORY) RPD	QC LIMITS (ADVISORY) %R
Diesel	8015M	25	ND	24	96%	23	92%	4.3	25	50-150

Definition of Terms:

- na: Not Analyzed in QC batch
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- MS: Matrix Spike Result
- MS (%R) Matrix Spike % Recovery
- MSD: Matrix Spike Duplicate Result
- MSD (%R) Matrix Spike Duplicate % Recovery
- NC: Not Calculated

QA/QC Officer: Nick F. Gaone
N. Gaone

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: 960301
Matrix: Water/Soil
Units: ug/L

Date Analyzed: 3/4/96

PARAMETER	Method #	SA ug/L	SR ug/L	MS ug/L	MS % R	MSD ug/L	MSD %R	RPD	QC LIMITS (ADVISORY) RPD	QC LIMITS (ADVISORY) %R
Gasoline	8015M	205	ND	233	114%	250	122%	7.0	25	50-150
Benzene	8020	20	ND	18	90%	17	85%	5.7	25	50-150
Toluene	8020	20	ND	21	105%	20	100%	4.9	25	50-150

Definition of Terms:

na: Not Analyzed in QC batch
SA: Spike Added
SR: Sample Result
RPD(%): Duplicate Analysis - Relative Percent Difference
MS: Matrix Spike Result
MS (%R) Matrix Spike % Recovery
MSD: Matrix Spike Duplicate Result
MSD (%R) Matrix Spike % Recovery
NC: Not Calculated

QA/QC Officer: Nick F. Gaone
N. Gaone

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 357341
Page 1 of 1

Project Name/No.[1] West Grand Refrigeration
Sample Team Members[2] W. Gage/S. Swartz
Profit Center No.[3] 3
Project Manager[4] Steve Swartz
Purchase Order No.[6]
Required Report Date[11] Normal

Samples Shipment Date[7] 3/7/96
Lab Destination[8] Entech
Lab Contact[9] Shellie
Project Contact/Phone[12] Steve Swartz (510) 372-9100
Carrier/Waybill No.[13] N/A

Bill to:[5] IT Corp PO# 50262
2055 Junction Ave
San Jose, CA 95131

Report to:[10] Walter Gage
2055 Junction
Steve Schwartz, Martinez

White: To accompany samples
Yellow: Field copy

ONE CONTAINER PER LINE

Sample Number[14]	Sample Description/Type[15]	Date/Time Collected[16]	Container Type[17]	Sample Volume[18]	Preservative[19]	Requested Testing Program[20]	Condition on Receipt[21]	Disposal Record No.[22]
MW-4-5.0'	Soil	3/6/96 0820	2" by 6" brass sleeve	19 in^3	ice	TPH-G, D; BTEX	C3384	
~~MW-4-10.0'~~								
MW-4-10.5'	Soil	3/6/96					C3385	
MW-3-9.5-10.							C3386	
MW-3-5-5.5							C3387	

Special Instructions:[23]

Possible Hazard Identification:[24]
Non-hazard [X] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown [ ]

Sample Disposal:[25]
Return to Client [ ] Disposal by Lab [X] Archive ____ (mos.)

Turnaround Time Required:[26]
Normal [X] Rush [ ]

QC Level:[27]
I. [ ] II. [ ] III. [ ] Project Specific (specify):

1. Relinquished by[28] (Signature/Affiliation) Walter Gage IT	Date: 3/6/96 Time: 11:30	1. Received by[28] (Signature/Affiliation)	Date: 3/6/96 Time: 11:30
2. Relinquished by (Signature/Affiliation)	Date: 3/7/96 Time: 1145	2. Received by (Signature/Affiliation) IT-corp	Date: 3/7/96 Time: 1145
3. Relinquished by (Signature/Affiliation) IT-corp	Date: 3/7/96 Time: 1215	3. Received by (Signature/Affiliation) Chris Garvey	Date: 3/7/96 Time: 1215

Comments:[29]

*See back of form for special instructions.

MCA 3/15/91

Entech Analytical Labs, Inc.

CA ELAP# 1369

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Attn: Steve Schwartz
IT Corporation
4585 Pacheco Blvd.
Martinez, CA 94553

Date:	3/20/96
Date Received:	3/14/96
Date Analyzed:	3/18/96
Project:	West Grand Refrigeration
Sampled By:	Client

Certified Analytical Report

Water Sample Analysis:

Test	*MW-3 (3-96)*	*MW-4 (3-96)*	*Units*	*MDL*	*EPA Method #*
Sample Matrix	Water	Water			
Sample Date	3/14/96	3/14/96			
Sample Time	1225	1110			
Lab #	C3744	C3745			
DF-Diesel	1	1			
TPH-Diesel	**ND**	**ND**	µg/liter	50.0 µg/l	8015M
DF-Gas/BTEX	1	1			
TPH-Gas	**ND**	**200**[2]	µg/liter	50.0 µg/l	8015M
Benzene	**ND**	**ND**	µg/liter	0.5 µg/l	8020
Toluene	**ND**	**ND**	µg/liter	0.5 µg/l	8020
Ethyl Benzene	**ND**	**ND**	µg/liter	0.5 µg/l	8020
Xylenes	**ND**	**ND**	µg/liter	0.5 µg/l	8020

1. PQL=DF x MDL
2. TPH-Gas chromatogram for Lab #C3745, although within the reporting range, does not match the typical Gas pattern
3. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1369)

Michael N. Golden, Lab Director

DF=Dilution Factor
MDL=Method Detection Limit

PQL=Practical Quantitation Limit
ND=None Detected at or above PQL

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: DW039603
Matrix: Water
Units: ug/L

Date analyzed: 3/20/96
Date extracted: 3/13/96

PARAMETE	Method #	SA ug/L	SR ug/L	MS ug/L	MS %R	MSD ug/L	MSD %R	RPD	QC LIMITS (ADVISORY) RPD	QC LIMITS (ADVISORY) %R
Diesel	8015M	950	ND	876	92%	1032	109%	16.4	25	50-150

Definition of Terms:

- na: Not Analyzed in QC batch
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- MS: Matrix Spike Result
- MS (%R) Matrix Spike % Recovery
- MSD: Matrix Spike Duplicate Result
- MSD (%R) Matrix Spike Duplicate % Recovery
- NC: Not Calculated

QA/QC Officer: Nick F. Gaone
N. Gaone

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 314595
Page 1 of 1

Project Name/No.[1] West Grand Refrigeration 763795
Sample Team Members[2] D. Anderson
Profit Center No.[3]
Project Manager[4] Steve Schwartz
Purchase Order No.[6]
Required Report Date[11] Normal TAT, 3/21/96

Samples Shipment Date[7] 3/14/96
Lab Destination[8] ENTECH
Lab Contact:[9] Shellie Hoyt (510)372-9100
Project Contact/Phone[12] Steve Schwartz
Carrier/Waybill No.[13] N/A

Bill to:[5] IT-CORP
4585 Pacheco Blvd
Martinez, CA 94553

Report to:[10] Steve Schwartz (IT-Corp)
4585 Pacheco Blvd
Martinez, CA 94553

White: To accompany samples
Yellow: Field copy

ONE CONTAINER PER LINE

Sample Number[14]	Sample Description/Type[15]	Date/Time Collected[16]	Container Type[17]	Sample Volume[18]	Preservative[19]	Requested Testing Program[20]	Condition on Receipt[21]	Disposal Record No.[22]
MW-3(3-96)	Groundwater	3/14/96 1225	2x40ml VOA	80ml	HCL	TPH-G/BTEX: mod. 8015/8020	FOR LAB USE ONLY	C3744
MW-4(3-96)	↓	3/14/96 1110	↓	↓	↓	↓		C3745
MW-3(3-96)		3/4/96 1225	1x1L Amber	1Liter	cool	TPH-D: 8015(mod)		C3744
MW-4(3-96)	↓	3/14/96 1110	↓	↓	↓	↓		C3745
							FOR LAB USE ONLY	

Special Instructions:[23]

Possible Hazard Identification:[24]
Non-hazard ☒ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐

Sample Disposal:[25]
Return to Client ☐ Disposal by Lab ☒ Archive ____ (mos.)

Turnaround Time Required:[26]
Normal ☒ Rush ☐

QC Level:[27]
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by[28] (Signature/Affiliation) D. Anderson IT-Corp	Date: 3/14/96 Time: 1325	1. Received by[28] (Signature/Affiliation) Chi Jang	Date: 3/14/96 Time: 1825
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments:[29]

*See back of form for special instructions.

MCA 3/15/91

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

I.T. Corporation	Client Project ID: # 763795	Date Sampled: 04/25/96
4585 Pacheco Blvd.		Date Received: 04/25/96
Martinez, CA 94553	Client Contact: Steve Schwartz	Date Extracted:04/26/96
	Client P.O:	Date Analyzed: 04/26/96

Diesel Range (C10-C23), Motor Oil Range (> C18) Extractable Hydrocarbons as Diesel & Motor Oil *

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)+	TPH(mo)+	% Recovery Surrogate
63477	MW1	W	ND	ND	104
63478	MW2	W	1100,d	ND	103
63479	MW3	W	ND	ND	104
63480	MW4	W	100,d	ND	103
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	250 ug/L	
		S	1.0 mg/kg	5.0 mg/kg	

* water samples are reported in ug/L, soil samples in mg/kg, and all TCLP and STLC extracts in mg/L

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

I.T. Corporation 4585 Pacheco Blvd. Martinez, CA 94553	Client Project ID: # 763795	Date Sampled: 04/25/96
		Date Received: 04/25/96
	Client Contact: Steve Schwartz	Date Extracted:04/26/96
	Client P.O:	Date Analyzed: 04/26/96

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	Benzene	Toluene	Ethylbenzene	Xylenes	% Rec. Surrogate
63477	MW1	W	ND	ND	ND	ND	ND	99
63478	MW2	W	2400,a	9.0	3.3	3.7	5.1	---#
63479	MW3	W	ND	ND	ND	ND	ND	101
63480	MW4	W	430,j	ND	0.80	1.1	3.5	105
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, soil samples in mg/kg, and all TCLP extracts in mg/L

cluttered chromatogram; sample peak coelutes with surrogate peak

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 496564
Page 1 of 2

Project Name/No.[1] 763795
Sample Team Members[2] Larry Carr
Profit Center No.[3]
Project Manager[4] Steve Swartz
Purchase Order No.[6]
Required Report Date[11] Standard

Samples Shipment Date[7] 4/25/96
Lab Destination[8] Mcampbell
Lab Contact[9] Heidi
Project Contact/Phone[12] 372-9100
Carrier/Waybill No.[13]

Bill to:[5] IT Corp
Report to:[10] IT Corp.

ONE CONTAINER PER LINE

Sample Number[14]	Sample Description/Type[15]	Date/Time Collected[16]	Container Type[17]	Sample Volume[18]	Preservative[19]	Requested Testing Program[20]	Condition on Receipt[21]	Disposal Record No.[22]
MW1 (4-96)	GROUNDWATER	4/25/96 6:00	3 x 40 ml VOA	120 ml	HCL	TPH G/BTEX 8015/8020	FOR LAB USE ONLY	63477
MW1		6:10	1 x 1L Amber	1 L	none	TPH D 8015		
MW1		6:13		1 L	none	~~Oil & Grease~~ TPH mo (8015)		
MW2		4/25/96 3:45	3 x 40 ml VOA	120 ml	HCL	TPH G/BTEX 8015/8020		
MW2		3:50	1 x 1L Amber	1 L	none	TPH D 8015		63478
MW2		3:55		1 L	none	~~Oil & Grease~~ TPH mo by 8015		
MW3		4/25/96 5:05	3 x 40 ml VOA	120 ml	HCL	TPH G/BTEX 8015/8020		
MW3		4/25/96 5:10	1 x 1L Amber	1 L	none	TPH D 8015		63479

Special Instructions:[23] none

Possible Hazard Identification:[24]
Non-hazard ☑ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal:[25]
Return to Client ☐ Disposal by Lab ☑ Archive _____ (mos.)

Turnaround Time Required:[26]
Normal ☑ Rush ☐

QC Level:[27]
I ☑ II ☐ III ☐ Project Specific (specify):

1. Relinquished by[28] (Signature/Affiliation) Larry Carr	Date: 4/25/96 Time: 7:30	1. Received by[28] (Signature/Affiliation)	Date: 4/25/96 Time: 7:30
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments:[29]

VOAS | O&G | METALS | OTHER | VOA HEAD SPACE ABSENT | PRESERVATIVE APPROPRIATE | GOOD CONDITION | CONTAINERS

05-02-1996 10:39AM FROM McCampbell Analytical Inc TO 2282501 P.02

[redacted] [redacted]

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD (cont.)*

Reference Document No.[30] _____

Page 2 of 2

Project Name

Project No. 763795

Samples Shipment Date 4/25/96

ONE CONTAINER PER LINE

Sample[14] Number	Sample[15] Description/Type	Date/Time[16] Collected	Container[17] Type	Sample[18] Volume	Pre-[19] servative	Requested Testing[20] Program	Condition on[21] Receipt	Disposal[22] Record No.
MW3 (4-96)	Groundwater	4/25/96 5:13	1x1L Amb.	1L	None	Oil & Grease (8015) TRPH (418.1)		
MW4	↓	6:30	3x 40mL VOA	120 ml	HCl	TPHG / BTEX 8015/8020		
MW4		6:41	1x1L Amber	1L	none	TPHD		63480
MW4		6:45	↓	1L	none	~~Oil & Grease~~ TRPH (418.1) 8015		

VOAs 1016 METALS PCBs

PROPER CONDITION ___ PRESERVATIVE ___

HEAD SPACE ABSENT ___ APPROPRIATE CONTAINERS ___

White: To accompany samples Yellow: Field copy

*See back of form for special instructions.

05-02-1995 10:40AM FROM McCampbell Analytical Inc TO 2282501 P.03

BORING AND WELL CONSTRUCTION LOGS

763795-MW3

DRAWING NO. 763795MW/DWG001

FILE NAME

QA/QC BY J.M. 03-22-96

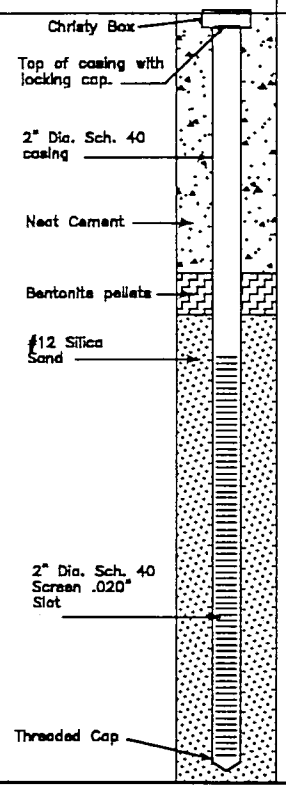
APPROVED BY

DRAWN BY

BORING NO. MW-3

FIELD GEOLOGIST M. Hopwood
EDITED BY M. Hopwood
CHECKED BY Walter Gage
TOTAL DEPTH 18 Feet

DATE BEGAN 03/06/96
DATE FINISHED 03/06/96
GROUND SURFACE EL. N/A
DEPTH TO WATER 9 Feet



DEPTH IN FEET	SAMPLE NUMBER AND INTERVAL	P I D (ppm)	BLOWS PER FOOT (N)	USCS	PROFILE	
0						6" Concrete
1						Fill—coarse gravel (to 1"), no odor.
2				CH		Fat CLAY; dark brown (5YR 3/3), moist, plastic, moderately soft.
3						
4						
5			23			
6						
7				SW/SC		Well graded SAND with clay; bluish brown (2.5Y 4/2).
8						▼ Depth to water on 3/14/95.
9						▽ Water encountered during drilling.
10			14	CH		Fat CLAY with sand; blue (5B 5/1), moist, 80% clay, 20% sand.
11						
12						
13						Fat CLAY ; pale brown (10YR 6/3), moist, 75% clay, 25% silt, very slight sand.
14						
15			11			
16						
17			30			
18						TOTAL DEPTH 18 FT.
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						

DRILLING CO.: GREGG DRILLING
DRILLING METHOD: HOLLOW STEM AUGER
SAMPLING METHOD: CALIFORNIA SPLIT SPOON SAMPLER
PROJECT NO.: 763795
CLIENT: WEST GRAND REFRIGERATION
LOCATION: OAKLAND, CALIFORNIA

INTERNATIONAL TECHNOLOGY CORPORATION

763795-MW4 | 763795MW/DWG001

DRAWING NO. | FILE NAME

QA/QC BY | APPROVED BY

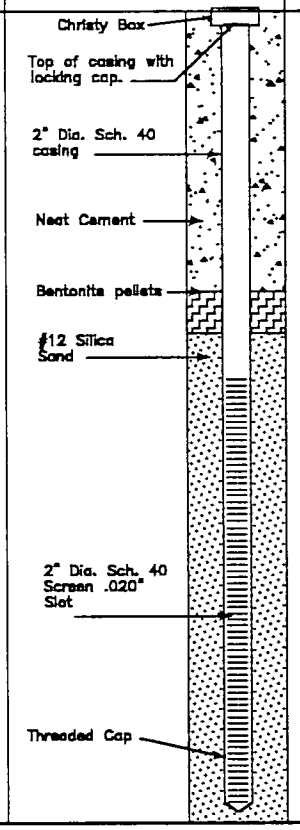
J.M. | 03-22-96

DRAWN BY

BORING NO. MW-4

FIELD GEOLOGIST M. Hopwood
EDITED BY M. Hopwood
CHECKED BY Walter Gage
TOTAL DEPTH 19 Feet

DATE BEGAN 03/06/96
DATE FINISHED 03/06/96
GROUND SURFACE EL. N/A
DEPTH TO WATER 11 Feet



DEPTH IN FEET	SAMPLE NUMBER AND INTERVAL	P I D (ppm)	BLOWS PER FOOT (N)	USCS	PROFILE	
0						6" Concrete
1						Fill--coarse gravel (to 1"), no odor.
2				CH		Fat CLAY; very dark gray (5Y 3/1), moist, soft, plastic, 98% fines, <2% medium sand.
3						
4						
5	MW-4-5.0	0				Color change to light olive brown (2.5Y 5/4).
6			48			
7						Color change to mottled orange and light olive brown, no odor.
8		0	46			▼ Depth to water on 3/14/96.
9			51			
10				SW/SC		Well graded SAND with gravel and clay; yellowish brown
11	MW-4-10.5		73			▽ Water encountered during drilling.
12		0				(10YR 5/6) moist, 20% fine angular gravel, 10% clay, 70% fine to coarse subangular sand, no odor.
13				CH		CLAY with sand and silt; bluish gray (5B 5/1), moist, 70% clay, 20% silt, 10% sand.
14						
15						
16						
17						Color change to yellowish brown (2.5Y 6/3).
18						
19						TOTAL DEPTH 19 FT.
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						

DRILLING CO.: GREGG DRILLING
DRILLING METHOD: HOLLOW STEM AUGER
SAMPLING METHOD: CALIFORNIA SPLIT SPOON SAMPLER
PROJECT NO.: 763795
CLIENT: WEST GRAND REFRIGERATION
LOCATION: OAKLAND, CALIFORNIA

INTERNATIONAL TECHNOLOGY CORPORATION

FIELD NOTES
SAMPLE LOGS

INTERNATIONAL TECHNOLOGY CORPORATION

DAILY LOG	DATE	03	11	96
	NO.			
	SHEET	1	OF	2

FIELD ACTIVITY DAILY LOG

PROJECT NAME: West Grand Refridgeration | PROJECT NO.: 763795

FIELD ACTIVITY SUBJECT: Well Development

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

0930 - Gather Gear, Load truck
1000 - Leave for Site
1100 - Arrive on site, decon surge block and extension rods, tailgate Safety Meeting

Well	Time	Vol. Removed	pH	EC	Temp (°F)	Turb	Comments
MW-3	1135	—	—	—	—	—	Water level = 8.41' (TOC), well depth = 17.84' (TOC) 1 casing vol = 1.60 gal. 10 case vol. = 16 gal.
	1142	1	—	—	—	—	Remove bottom seds w/ bailer. Begin Swabbing w/ surge block.
	1200	—	—	—	—	—	Complete Swabbing, begin bailing 10 casing vol.
	1208	4	9.28	2530	66.3	>200 NTU	Cloudy!! brown, no odor.
	1214	3	8.36	2220	65.7	>200 NTU	" "
	1220	3	7.95	2240	65.6	>200 NTU	" " only purge 1/2 bailers, well is going dry allow 10 mins. to recharge
	1230	—	—	—	—	—	Resume bailing.
	1237	3	7.59	1779	66.5	>200	" "
	1242	2	7.42	1817	65.7	>200	Total Depth = 17.84' TOC, water level = 16.20' TOC (solid bottom)

1245 - Decon surge block, denote to MW-4.

VISITORS ON SITE: N/A

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS: N/A

WEATHER CONDITIONS:
AM: Clear - partly cloudy 60's, breezy.
PM: partly cloudy 60's, windy

IMPORTANT TELEPHONE CALLS: N/A

IT PERSONNEL ON SITE: Dave Anderson

SIGNATURE: [signature] DATE: 3/11/96

INTERNATIONAL TECHNOLOGY CORPORATION

DAILY LOG	DATE	03	11	96
	NO.			
	SHEET 2	OF 2		

FIELD ACTIVITY DAILY LOG

PROJECT NAME: West Grand Refrigeration | PROJECT NO. 763795

FIELD ACTIVITY SUBJECT: Well Development

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

Well	Time	Vol. Removed	pH	EC	Temp(°F)	Turb.	comments
MW-4	1255	—	—	—	—	—	Depth to water = 8.36' TOC Well Depth = 17.90' TOC 1 vol = 1.62 gal 10 vol = 16.22 gal
	1300	—	—	—	—	—	begin bailing bottom of scr. the surge block screen interval.
	1320	1	—	—	—	—	Complete surgeblock swabbing ~~Begin~~ bailing 10 case. vol.
	1330	4	7.07 ~~6.84~~	14,000	68.4	>200	cloudy brown, no apparent odor.
	1336	3	6.49	15,380	66.3	> 200	" "
	1341	3	6.53	11,730	65.1	>200	" "
	1347	3	6.43	11,070	64.7	> 200	" "
							Final Depth to water 8.37 TOC
	1352	2	6.34	11,000	64.7	>200	

1400 - Decon surge block & all ~~eight~~ extensions. drum purged water, secure and label drum, decon.
1500 - At San Jose office, unload truck, done w/ payment
1530 - Done for the day.

VISITORS ON SITE: N/A

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS. N/A

WEATHER CONDITIONS: See page 1

IMPORTANT TELEPHONE CALLS: N/A

IT PERSONNEL ON SITE: Dave Anderson

SIGNATURE: [signature] DATE: 3/11/96

327A-7-86

GROUNDWATER SAMPLING FORM

PROJECT NAME:		PROJECT No:	763795	DATE:	4/25/96
WELL No:	MW-1	SAMPLE No:	MW1(4-96)	SAMPLE TIME:	6:00
SAMPLERS:	Larry Carr	WEATHER:	Sunny, 80°	WELL SECURE (Y/N):	Y
FREE PRODUCT (Y/N):	N	PRODUDT THICKNESS:	N/A	DESCRIPTION:	~~N/A~~ Good

PURGE VOLUME:	Well Depth= 20' - Depth to Water (TOC) 8.95 = Static Water Height 11.05 X Well Volume 1.8 Number of Volumes 5 = 9.0 gal
	Well Volume = 0.162 for 2" well, 0.367 for 3" well, 0.65 for 4" well, 1.02 for 5" well, 1.47 for 6" well.

ACTUAL VOL. PURGED:	15 gal	PURGE METHOD:	Bailer	WATER DESCRIPTION:	Clear to slightly cloudy
PURGED DRY (Y/N):	N	SAMPLE METHOD:	Bailer		

FIELD INSTRUMENTS:	pH (s.u.)	TEMPERATURE (°C)	CONDUCTIVITY (mhos/cm)	TURBIDITY (NTUs)
BRAND NAME:	Hydac	→	→	N/A
SERIAL NUMBER:	9005	→	→	N/A

PURGE AND SAMPLE MEASUREMENTS

TEMPERATURE	pH	CONDUCTIVITY	TURBIDITY	TIME	INITIALS
72.0	7.88	0.94	N/A	2:25	LRC
72.2	7.76	0.93	↓	2:35	↓
71.8	7.74	0.90		2:38	
72.0	7.70	0.91		2:45	

SIGNATURES OF SAMPLING TEAM: Larry K. Carr

GROUNDWATER SAMPLING FORM

PROJECT NAME:		PROJECT No:	763795	DATE:	4/25/96
WELL No:	MW-2	SAMPLE No:	MW-2 (4-96)	SAMPLE TIME:	3:45
SAMPLERS:	Larry Carr	WEATHER:	Sunny, 80°	WELL SECURE (Y/N):	Y
FREE PRODUCT (Y/N):	N	PRODUDT THICKNESS:	n/a	DESCRIPTION:	Good ~~n/a~~

PURGE VOLUME:	Well Depth 23.04 Depth to Water (TOC) 10.3 = Static Water Height 12.7' X Well Volume 2.06 Number of Volumes 5 = 10.3
	Well Volume = 0.162 for 2" well, 0.367 for 3" well, 0.65 for 4" well, 1.02 for 5" well, 1.47 for 6" well.

ACTUAL VOL. PURGED:	11 gal.	PURGE METHOD:	Bailer	WATER DESCRIPTION:	Semi-clear
PURGED DRY (Y/N):	N	SAMPLE METHOD:	Bailer		

FIELD INSTRUMENTS:	pH (s.u.)	TEMPERATURE (°C)	CONDUCTIVITY (mhos/cm)	TURBIDITY (NTUs)
BRAND NAME:	Hydac		→	n/a
SERIAL NUMBER:	9005		→	n/a

PURGE AND SAMPLE MEASUREMENTS

TEMPERATURE	pH	CONDUCTIVITY	TURBIDITY	TIME	INITIALS
71.9	7.79	0.87	n/a	3:00	LCC
72.1	7.71	0.86	↓	3:30	↓
71.4	7.65	0.85	↓	3:40	↓
71.2	7.63	0.85	↓	3:45	↓

SIGNATURES OF SAMPLING TEAM: Larry K. Carr

★ Lock cut, new Master lock installed.

GROUNDWATER SAMPLING FORM

PROJECT NAME:		PROJECT No:	763795	DATE:	4/25/96
WELL No:	MW-3	SAMPLE No:	MW-3 (4-96)	SAMPLE TIME:	5:05
SAMPLERS:	Larry Carr	WEATHER:	Sunny 80°	WELL SECURE (Y/N):	Y
FREE PRODUCT (Y/N):	N	PRODUDT THICKNESS:	n/a	DESCRIPTION:	Good

PURGE VOLUME:	Well Depth= 17.7' Depth to Water (TOC) 9.68 = Static Water Height 8' X Well Volume= 1.3 Number of Volumes 5 = 6.5
	Well Volume = 0.162 for 2" well, 0.367 for 3" well, 0.65 for 4" well, 1.02 for 5" well, 1.47 for 6" well.

ACTUAL VOL. PURGED:	12 gal	PURGE METHOD:	Bailer	WATER DESCRIPTION:	cloudy to clear
PURGED DRY (Y/N):	Yes, (achaived 80% recovery before sampling)	SAMPLE METHOD:	Bailer		

FIELD INSTRUMENTS:	pH (s.u.)	TEMPERATURE (°C)	CONDUCTIVITY (mhos/cm)	TURBIDITY (NTUs)
BRAND NAME:	Hydac	→	→	n/a
SERIAL NUMBER:	9005	→	→	n/a

PURGE AND SAMPLE MEASUREMENTS

TEMPERATURE	pH	CONDUCTIVITY	TURBIDITY	TIME	INITIALS
74.1	8.15	1.18	n/a	4:45	LKC
68.1	8.00	1.11	↓	4:50	↓
67.8	8.05	1.12	↓	5:00	↓
67.9	8.03	1.10	↓	5:10	↓

SIGNATURES OF SAMPLING TEAM: Larry K. Carr

GROUNDWATER SAMPLING FORM

PROJECT NAME:		PROJECT No:	763795	DATE:	4/25/96
WELL No:	MW-4	SAMPLE No:	MW 4 (4-96)	SAMPLE TIME:	6:30
SAMPLERS:	L. Carr	WEATHER:	Sunny 80°	WELL SECURE (Y/N):	Y
FREE PRODUCT (Y/N):	N	PRODUDT THICKNESS:	n/a	DESCRIPTION:	Good

PURGE VOLUME:	Well Depth= 17.8' Depth to Water (TOC) 9.4' = Static Water Height 8.3' X Well Volume 1.3g Number of Volumes 5 = 6.5gal
	Well Volume = 0.162 for 2" well, 0.367 for 3" well, 0.65 for 4" well, 1.02 for 5" well, 1.47 for 6" well.

ACTUAL VOL. PURGED:	25 gal	PURGE METHOD:	Bailer	WATER DESCRIPTION:	Cloudy
PURGED DRY (Y/N):	N	SAMPLE METHOD:	Bailer		

FIELD INSTRUMENTS:	pH (s.u.)	TEMPERATURE (°C)	CONDUCTIVITY (mhos/cm)	TURBIDITY (NTUs)
BRAND NAME:	Hydac			n/a
SERIAL NUMBER:	9005			n/a

PURGE AND SAMPLE MEASUREMENTS

TEMPERATURE	pH	CONDUCTIVITY	TURBIDITY	TIME	INITIALS
74.1	7.80	18.96	n/a	12:20	JLC
68.4	7.72	8.64		12:45	
67.4	7.58	7.40		1:00	
68.8	7.39	8.40		1:10	
68.1	7.34	7.72		1:18	
68.7	7.30	7.74		1:25	

SIGNATURES OF SAMPLING TEAM: Larry K. Carr

INTERNATIONAL TECHNOLOGY CORPORATION

DAILY LOG	DATE	4	25	96
	NO.			
	SHEET	1	OF	1

FIELD ACTIVITY DAILY LOG

PROJECT NAME West Grand Refrigeration | PROJECT NO. 763795

FIELD ACTIVITY SUBJECT: Sampling

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

8:00 Arrive in Martinez to procure equipment, etc.
9:00 Go to lab, pick up bottle set. Go to find grocery store.
11:00 Arrive on site (W. Grand & Myrtle) in Oakland. Locate all wells, open them and take water levels.
12:00 Begin to purge well MW-4.
12:20 Take first measurement, water cloudy.
2:00 Finish purging, (total of 25 gal) water still cloudy. Set up on site MW-1, decon.
2:15 Meet Rick, discuss waste water storage plans.
2:~~45~~ Purge well, (15 gal) finish up, and move drum to locked site w/ Rick, help move other drums w/ forklift.
2:55 Set up on site MW-2, ~~beg~~ decon, begin purging. (3:15)
3:45 Finish purging 11 gal. Take first samples.
4:15 Finish sampling, pack up, and move to site MW-3.
5:00 Talk w/ people on site (inside gate where well is located) Well is purging dry, must wait for recovery. Then Sampled
5:20 Finish sampling. Empty buckets in other lot. (~~55~~-gal drum)
5:40 Set up to sample MW-1.
6:15 Finish sampling MW-1, go to MW-4, set up, do labels, chain of Custody, etc...
6:30 Begin sampling MW-4
6:45 Finish sampling MW-4, pack up, decon, etc, ~~go home~~.
7:30 Arrive at lab (McCampbell) and turn in samples. go home

VISITORS ON SITE:
Rick

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS.

WEATHER CONDITIONS:
Sunny, 80

IMPORTANT TELEPHONE CALLS:

IT PERSONNEL ON SITE: L. Carr

SIGNATURE Larry Carr DATE: 4/25/96

327A-7-86

SURVEY REPORT

SURVEYING

EARL L. GRAY — Licensed Land Surveyor
3496 Buskirk Ave., Suite 103, Pleasant Hill, CA 94523 • (510) 934-4322

March 29, 1996
Job No. 9609

Steve Schwartz
IT Corporation
4585 Pacheco Blvd.
Martinez, CA 94553

RE: Monitoring well survey, West Grand Refrigeration property located at West Grand Avenue and Myrtle Street, Oakland, California

GENERAL NOTES:

1) Basis of elevation 1929 NGVD sea level datum. Based on City of Oakland Benchmark No. 2590 being a cut square in the top of curb at the mid-point of the curb return at the northeast corner of West Grand Avenue and Myrtle Street. City datum elevation 9.72 = 1929 NGVD elevation 12.72. City benchmark No. 2591 being a cut square in the top of curb at the mid-point of the curb return at the northeast corner of West Grand Avenue and Filbert Street, 1929 NGVD, elevation 11.89 City data = 11.93 this survey.

2) Monitoring well elevation taken at a cut groove with orange paint and black mark in the top northerly side of both the PVC and RIM.

3) Coordinates are based on an assumed datum of North 200.0 and East 400.0 at City benchmark No. 2590 and North 200.0 and East 88.2 at City benchmark No. 2591.

4) Data shown herein is based on a field survey on March 29, 1996, as per field book 87, page 14.

SCHEDULE OF MONITORING WELLS

WELL	NORTH	EAST	PVC EL	RIM EL	REMARKS
MW-1	223.6	365.4	11.92	12.48	2" PVC
MW-3	382.2	361.5	13.29	13.73	2" PVC
MW-4	201.6	115.8	11.77	12.24	2" PVC

Prepared under the direction of:

Earl L Gray

Earl L. Gray
LS 3874

3-29-96
Date

cc: J.R. Martin, Orbit Property Corp.