INTERNATIONAL TECHNOLOGY CORPORATION

92 AUG 17 PM 3:12

August 13, 1992

IT Project No: 198190

Mr. Scott Seery
County of Alameda
Department of Environmental Health
80 Swan Way
Suite 200
Oakland, California 94621

LETTER OF TRANSMITTAL
Final Report of Activity
7-11 Store Number 19035
100 Lewelling Blvd, San Lorenzo, California

Dear Mr. Seery:

Enclosed please find the final report of activity covering the removal of the UST formally located at the above referenced site.

Should you have any questions, please do not hesitate to contact me at (408) 894-1200.

Respectfully submitted,
IT CORPORATION

Bruce G. Clark, R.E.A.
Group Leader, GWFS-San Jose

cc: file

INTERNATIONAL TECHNOLOGY CORPORATION

UST REMOVAL
ENVIRONMENTAL COMPLIANCE REPORT
7-Eleven Store Number 19035
100 Lewelling Blvd., San Lorenzo, California

IT Project No: 198190

Prepared For:

THE SOUTHLAND CORPORATION
5820 Stoneridge Mall Road
Suite 310
Pleasanton, California 94588

Prepared By:

IT CORPORATION
Groundwater Field Services Group
1355 Vander Way
San Jose, California 95112

June 29, 1992

June 29, 1992

IT Project No: 198190

Mr. Bud Good
The Southland Corporation
5820 Stoneridge Mall Road
Suite 310
Pleasanton, California 94588

ENVIRONMENTAL COMPLIANCE REPORT
UST Removal: 7-Eleven Store Number 19035
100 Lewelling Blvd., San Lorenzo, California

Dear Mr. Good:

This report summarizes the activities and procedures performed by RUBY-DOME CONSTRUCTION (RUBY-DOME) and IT CORPORATION (IT) during the removal of three 10,000 gallon underground gasoline storage tanks (UST) last containing gasoline. The UST were removed from the 7-Eleven retail store No: 19035 located at 100 Lewelling Blvd., San Lorenzo, California. Figure 1 illustrates the site location and vicinity.

BACKGROUND:

IT and Ruby-Dome were contracted by The Southland Corporation (Southland) to remove two UST at the above noted location. The planned UST removal was a part of Southland's ongoing project to phase out the sale of gasoline at its facilities. IT was contracted to provide overall environmental oversight and regulatory compliance during removal activity, including the collection of soil samples, backfill prescreening of soils with an organic vapor meter (OVM), and enforcement of the site Health and Safety plan. Ruby-Dome was contracted directly with Southland to provide general construction services during UST removal.

Ruby-Dome obtained UST closure permit No: 920508 from the Eden Consolidated Fire Protection District for this project. A copy of the permit is included with this report in Appendix A.

FIELD OPERATIONS:

On May 13, 1992, Ruby-Dome exposed the UST to be removed and stockpiled the soil backfill under the observation and monitoring of the IT field supervisor. An OVM unit was used to pre-screen backfill soils and the material was segregated pursuant to the readings obtained. The process employed for this segregation activity involved periodic collection of a representative soil sample from the excavation spoils at an interval of approximately every 20 cubic yards. The collected sample was placed into a sealable plastic bag and agitated to ensure representative volatization of organic compounds would occur. Following a resting period of approximately 5 minutes, the OVM probe was inserted into the bag through an opening only large enough to ensure access of the probe. The maximum stabilized reading

registered on the meter was then recorded. Pursuant to the results of this test, all soils and backfill media excavated were segregated as either non-detect or suspect for target constituents. Following this event, representative stockpile soil samples were obtained at one per every twenty cubic yards for confirmation analysis by IT's state certified mobile on site laboratory for Total Petroleum Hydrocarbons as Gasoline (TPH-G) and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Analysis was performed according to EPA Test Methods 8015/8020 in series. Groundwater was not encountered during removal of the UST.

Prior to removal from the ground, Ruby-Dome removed the remaining residual fuel from the tanks. The tanks were then inerted with CO2 "dry" ice and allowed to rest to facilitate the reduction of combustible vapors and oxygen to below 10% of the LEL and STP concentrations respectively.

The tanks were certified acceptable for removal by Inspector Scott Seery of the County of Alameda Department of Environmental Health on May 13, 1992. A copy of Inspector Seery's inspection report is included in Appendix A. All three of the tanks removed were observed to be intrinsically intact with minor deterioration and pitting of the steel noted in the inspection report. No corrosion protection or wrap was apparent on either tank removed. No through holes were noted. No petroleum product odor was reported by the inspector during excavation to free the tanks or immediately following tank removal. Discoloration of the soils at the north end of the tank pit in the vicinity of the fuel island was noted.

The UST were removed from the ground between 1115 and 1300 hours on May 13, 1992. The removed and inerted tanks were placed on trucks provided by Erickson, Inc. of Richmond, California (Erickson) under subcontract to Ruby-Dome, and then transported to Erickson in Richmond, California for primary treatment and preparation as scrap steel. Transportation of the UST occurred under California Hazardous Waste Manifest #90648339 and 90648325 as referenced on the Erickson transportation documents (copies included in Appendix A). Final disposal of the tanks as scrap steel occurred at Levin Metals Inc., Richmond, California.

Due to the detection of TPH-G/BTEX in the soil samples collected following tank removal, the northern half of the tank pit was over excavated an additional 1.5 feet in an attempt to remove the contamination. Following this event, 3 additional soil samples (SS14-TPA through SS16-TPC) were collected and analyzed.

CONFIRMATION SOIL SAMPLING:

During the UST removal a total of ten soil samples were collected from the tank pit, during two successive attempts to remove all noted contaminants. One sample was collected from each tank end for the three UST (Six samples) and a seventh sample was collected from beneath the former fuel island dispenser. Following the initial analysis of the soil samples in the tank pit, 3 additional soil samples were collected at the north end of the excavation, near the fuel island location. In addition, seven soil samples were collected from the soil stockpiled on site.

All soil samples were collected according to established SCVWD, RWQCB, and IT accepted general practices. Stockpile samples were collected by removing the top 6 inches of soil and advancing a precleaned brass collection sleeve into the pile with either a clean mallet or a decontaminated slide hammer assembly. Care was exercised to ensure a recovery of 100% on all samples obtained to eliminate the occurrence of contaminant volatization due to sample head space. Once collected, the ends of the brass sample tubes were sealed with Teflon Tape and capped with plastic end caps. Each sample was labeled as to the date, time and location of collection, along with the name of the sampler, and placed into a precooled container pending analysis.

Following entry onto a chain of custody record, the samples were delivered to the on site laboratory for analysis. All samples collected were analyzed for TPH-g and BTEX constituents by EPA Test Methods 8015/8020 in series.

Soil sample locations are shown of Figures 3 and 4. Figure 2 describes the local site plan.

ANALYTICAL RESULTS:

A total of ten soil samples were collected and analyzed from the tank pit as a part of the UST closure procedure. Soil samples SS1-SP5 through SS6-SP5 were collected from the backfill soil piles for confirmation analysis. Soil samples SS7-TP through SS12-TP, and SS14-TPA through SS16-TPC were collected from the bottom of the tank pit. Soil sample SS13-SP5 was collected from soils obtained from beneath the pump dispenser island.

Results of soil sample SS8-TP collected from beneath the UST's removed in the northwest corner of the excavation was free of target contaminants. All other tank pit samples revealed detectable levels of the target constituents at detection levels of 1.0 mg/kg for TPH-G, 100 ug/kg for BTE, and 300 ug/kg for X contaminants respectively, as follows:

	TPH-G	B	T	E	X
SS7-TP	21	ND	152	227	2,204
SS9-TP	20	ND	ND	257	2,295
SS10-TP	ND	ND	ND	ND	1,010
SS11-TP	ND	ND	ND	ND	1,046
SS12-TP	ND	ND	ND	ND	976
	(mg/kg)		(ug/kg)		

Subsequent confirmation sampling performed in the tank pit following additional excavation revealed the following contaminant levels at a detection limit of 1.0 mg/kg for TPH-G and 3.0

ug/kg for BTEX constituents:

	TPH-G	B	T	E	X
SS14-TPA	46	96	420	290	2,300
SS15-TPB	ND	ND	ND	ND	7
SS16-TPC	63	880	1400	880	5500
	(mg/kg)		(ug/kg)		

Soil sample SS13-SP5 was collected under the fuel island dispenser immediately to the northeast of the UST installation. This sample yielded non-detect results for all target contaminants with the exception of xylene which was detected at 937 ug/kg. The detection limits for this sample were 1.0 mg/kg (ppm) for TPH-G, 100 ug/kg for BTE and 300 ug/kg (ppb) for X contaminants respectively.

Backfill soil samples SS1-SP5 through SS4-SP5 which had not shown detected contaminants as the result of OVM prescreening, yielded non-detect results for the target contaminants. The laboratory detection limit for these samples was established at 1.0 mg/kg (ppm) for TPH-G, 100 ug/kg for BTE, and 300 ug/kg (ppb) for X contaminants respectively. Soil sample SS5-SP5 revealed detected TPH-G at 24 mg/kg (PPM) and BTEX at ND, 332, ND, and 4,169 ug/kg (PPB) respectively at the same detection limits as noted above. Soil sample SS6-SP5 revealed detected TPH-G at 103 mg/kg and BTEX at 42; 1,155; 650; and 23,690 ug/kg respectively at the same detection limits as noted above.

Copies of the certified analytical reports for this project are included in Appendix B to this report.

SOIL DISPOSAL:

As the result of the OVM prescreening and laboratory analysis confirmation, the majority of backfill and overburden soils excavated during the UST removal were determined to be impacted with the target contaminants as noted above. Approximately 212.85 tons of soil was disposed of at REMCO Inc. of Richmond, California as hydrocarbon contaminated wastes.

CONCLUSIONS:

Based upon the analytical results obtained from the samples collected, the area located in the northern quadrant of the former tank installation nearest the location of the former fuel island is impacted with detectable levels of petroleum hydrocarbons in the gasoline range, along with certain other volatile constituents typical of gasoline. Contamination appears to increase with relative depth below ground surface which may be a result of the relatively high porosity of

the sandy backfill material used surrounding the tanks which allowed rapid downward migration of contaminants. The observed native clays exhibit significantly lower permeabilities than the backfill materials and may be creating a "puddling" effect at the interface between the native and non-native media. Groundwater was not observed and was not sampled at the site and the potential for impact has not been determined. A Underground Storage Tank Unauthorized Release (Leak)/Contamination Report is included as Appendix C to this report.

LIMITATIONS:

This report was prepared in accordance with generally accepted standards of environmental geological practice in California at the time of this investigation. IT is not responsible for any work, practice, or procedure performed or conducted by Ruby-Dome or it's subcontractors beyond the limits of the scope of work. This report was written specifically for the use of Southland, and concerned regulatory agencies of record. Any use of this report or its appendices by a third party without the express permission of Southland and IT is prohibited.

A copy of this report should be provided to the County of Alameda following review and approval by Southland. Any questions regarding the content or intent of this report should be directed to Mr. Bud Good of Southland Corporation at (510) 463-2711.

Respectfully submitted,
IT CORPORATION

Bruce G. Clark, R.E.A.
Group Leader, GWFS-San Jose

Enclosures:

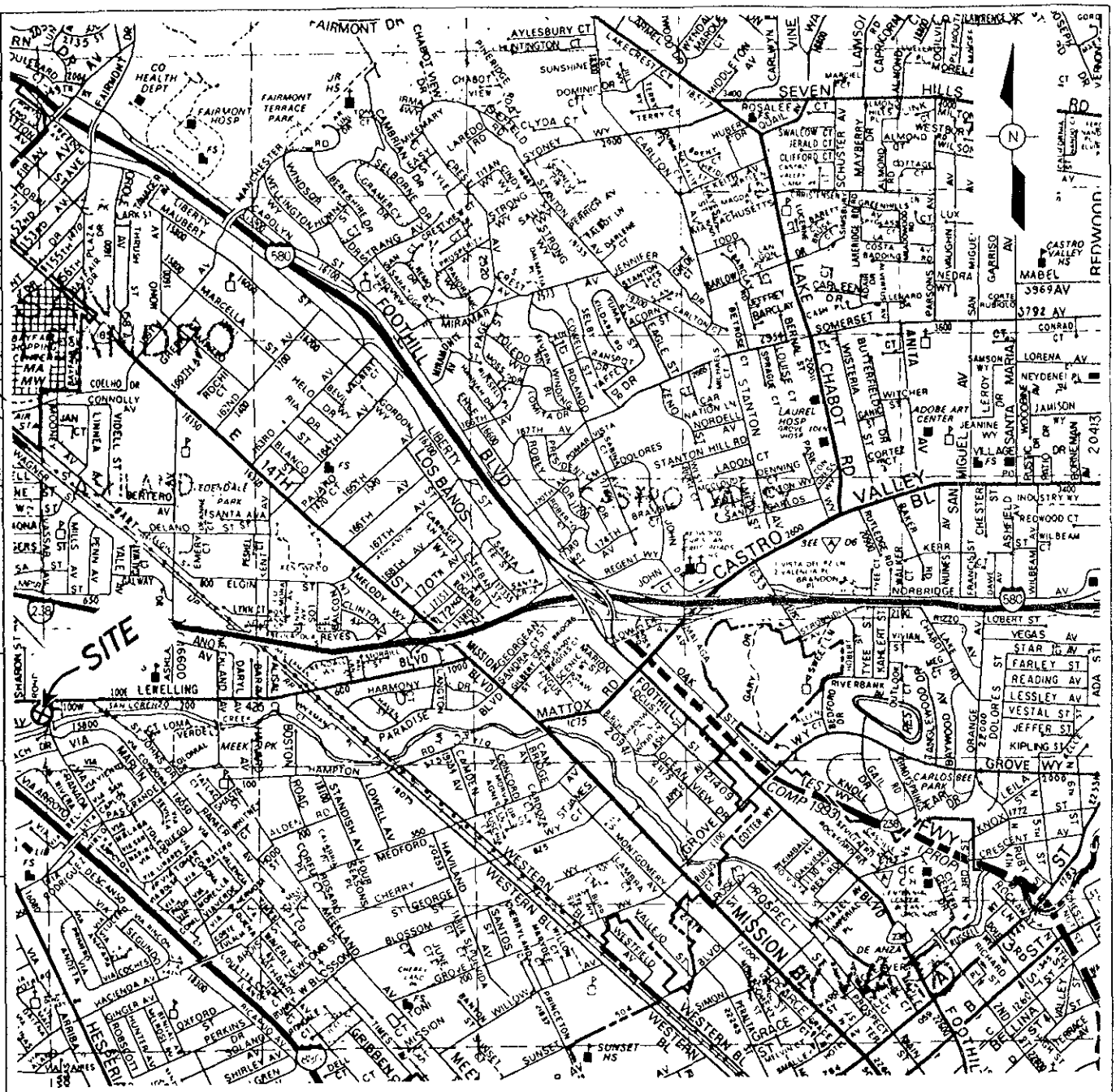
Figure 1: Site Vicinity Map
Figure 2: Site Plan
Figure 3: Soil Stockpile and Fuel Island Sample Locations
Figure 4: UST Pit Soil Sample Locations

Appendix A: 1.) Eden Consolidated Fire District UST Removal Permit # 920508
2.) County of Alameda Site Inspection Report
3.) Erickson Transportation Documents citing Hazardous Waste Manifests # 90648339 and 90648325

Appendix B: Certified Analytical Reports/Chain of Custody Records

Appendix C: UST Unauthorized Release (Leak)/Contamination Site Report form

DRAWN BY	J.M.	QA/QC BY	[illegible] 7/11/92	DRAWING NO	198190-FR
	07-01-92	APPROVED BY	7/11/92	DRAWING FILE	8190FR



1 INCH TO ¼ MILE

Figure 1

VICINITY MAP

IT PROJECT No. 198190

7-ELEVEN STORE #19035

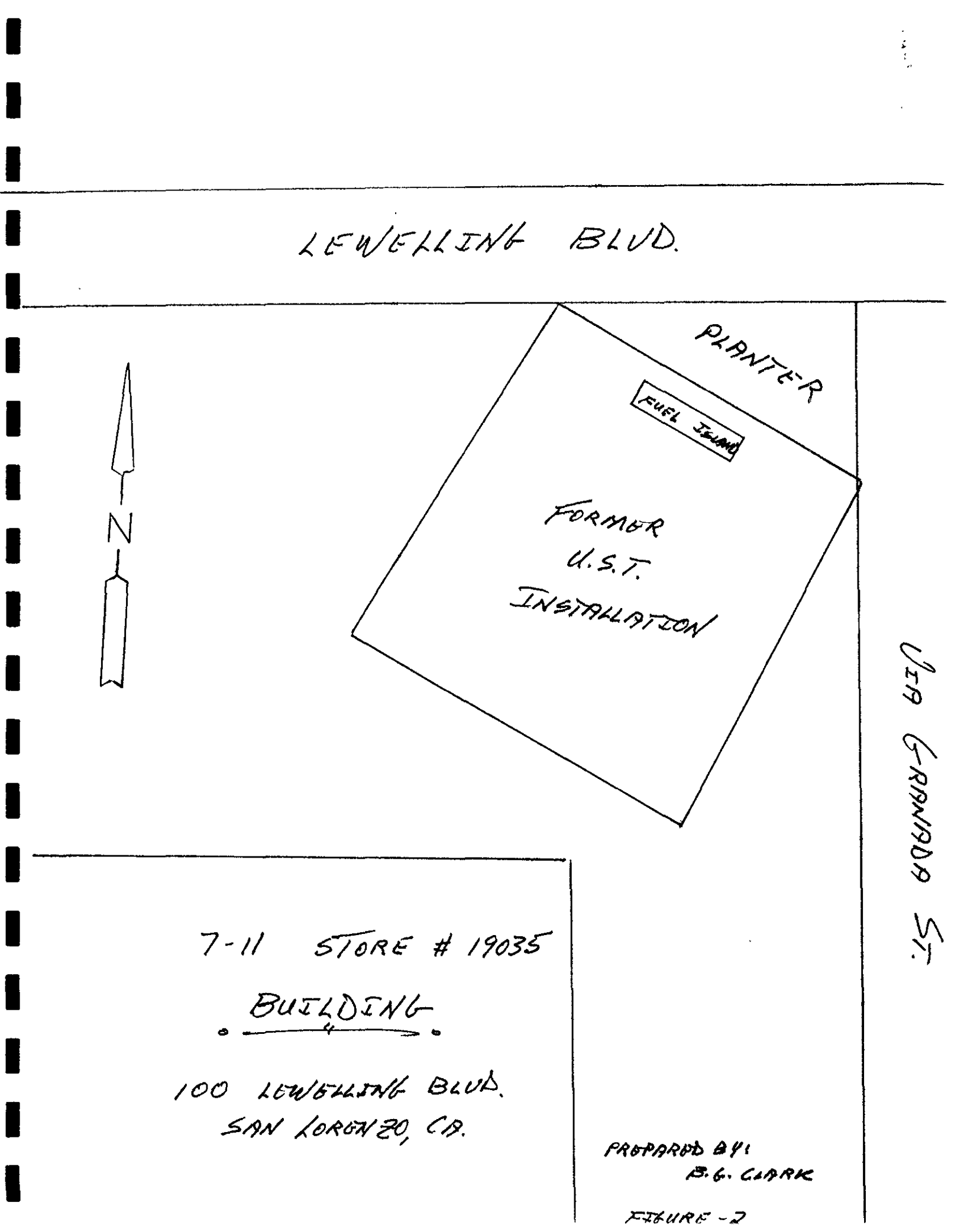
100 LEWELLING BLVD

SAN LORENZO, CALIFORNIA

PREPARED FOR

THE SOUTHLAND CORP.
PLEASANTON, CALIFORNIA

INTERNATIONAL TECHNOLOGY CORPORATION


LEWELLING BLVD.
PLANTER
FUEL ISLAND
FORMER
U.S.T.
INSTALLATION
N
Old Grandad St.
7-11 STORE # 19035
BUILDING 4
100 LEWELLING BLVD.
SAN LORENZO, CA.
PREPARED BY:
B.G. CLARK
FIGURE -2

INTERNATIONAL TECHNOLOGY CORPORATION

*SEE REVERSE

DATE	0	5	1	2	9	2
TIME						
PAGE 1 OF 1						
PAGE	0	0	0	0	1	
PROJECT NO. 198190						

SAMPLE COLLECTION LOG

PROJECT NAME SOUTHLAND #19035

SAMPLE NO. SS1-SP5, SS2-SP5, SS3-SP5, SS4-SP5, SS5-SP5, SS6-SP5

SAMPLE LOCATION SOIL PILE

SAMPLE TYPE SOIL

COMPOSITE ✓ YES ___ NO

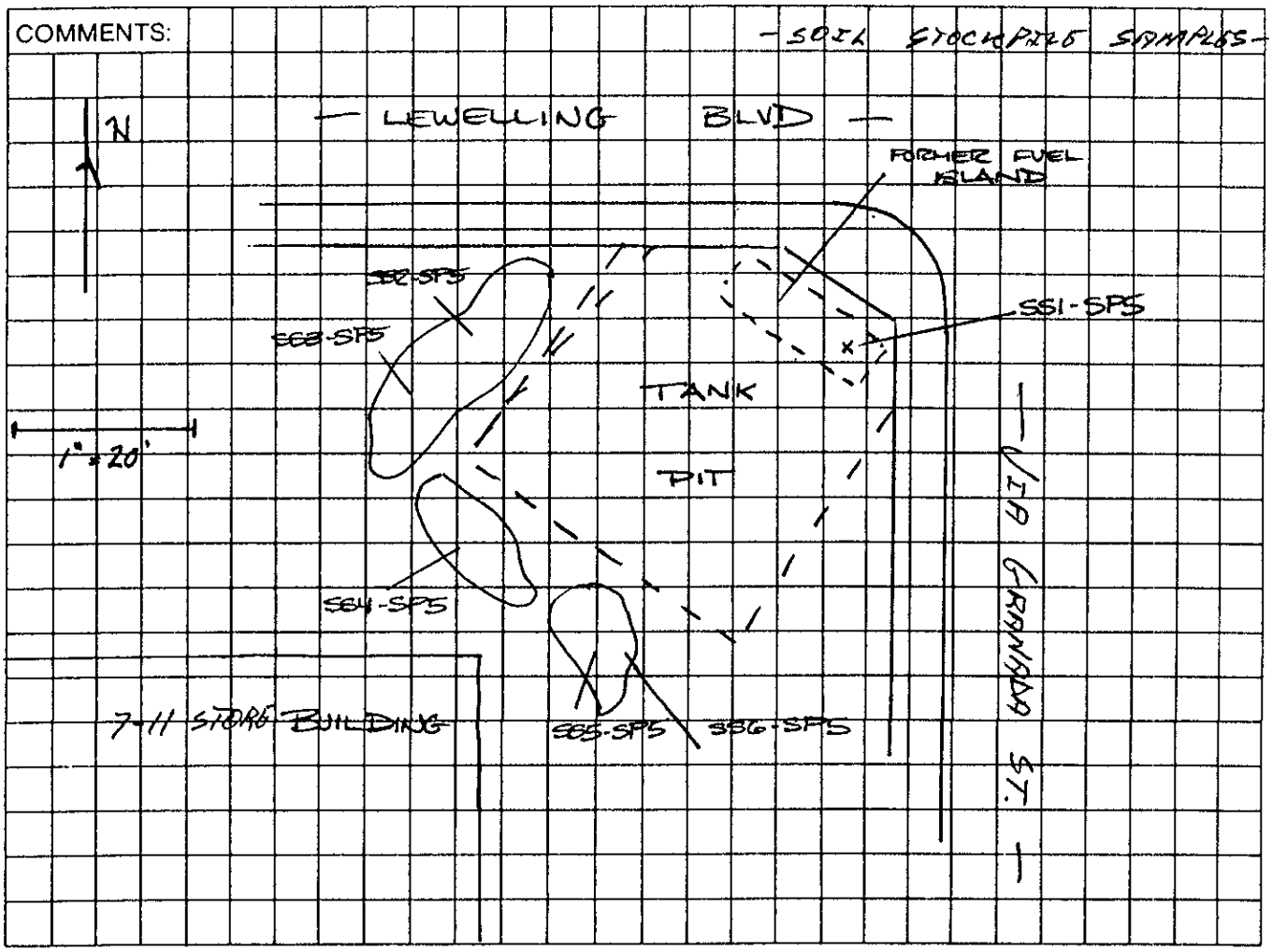
COMPOSITE TYPE SOIL

DEPTH OF SAMPLE N/A

WEATHER SUNNY, 70°

CONTAINERS USED	AMOUNT COLLECTED
BRASS TUBE	1 X

COMMENTS: -SOIL STOCKPILED SAMPLES-



PREPARED BY: DANIEL R. BANNON

FIGURE -3

DATE	05	13	92				
TIME							
PAGE	0	0	0	1	OF	1	
PROJECT NO.	198190						

SAMPLE COLLECTION LOG

*SEE REVERSE

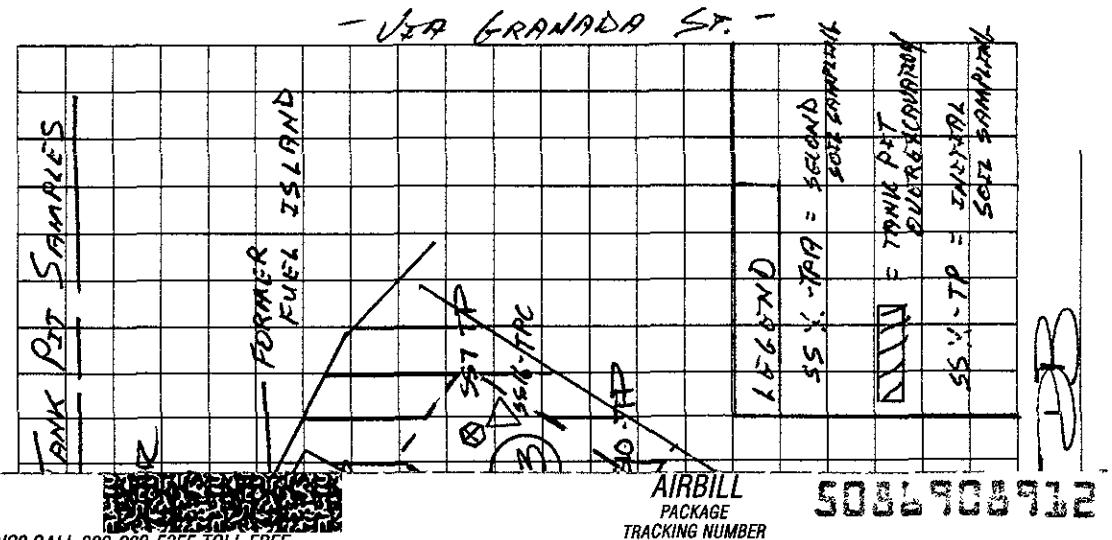
INTERNATIONAL TECHNOLOGY CORPORATION

PROJECT NAME Southland 19035 SAMPLERS: SS7-TP, SS8-TP, SS9-TP, SS10-TP, SS11-TP, SS12-TP

TRAINING = 3 TANKS.

AMOUNT COLLECTED: 1K 10

CONTAINERS USED: 3 GLASS TUBES



FEDERAL EXPRESS

QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL PACKAGE TRACKING NUMBER 5086708912

5086708912

RECIPIENT'S COPY

1 Date: 8-21-92

From (Your Name) Please Print: Bruce G. Clark — Your Phone Number (Very important): (510) 271-4320

Company — Department/Floor No

Street Address

City — State — ZIP Required

2 To (Recipient's Name) Please Print: Mr. Scott Seery — Recipient's Phone Number (Very important)

Company: Alameda County Dept. Environmental Health — Department/Floor No.

Exact Street Address (We Cannot Deliver to PO Boxes or PO Zip Codes.): 80 Swan Way (Suite 200)

City: Oakland — State: CA — ZIP Required: 94621

YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.): 198190

H IF HOLD FOR PICK-UP, Print FEDEX Address Here: Street Address — City — State — ZIP Required

3 PAYMENT: 1 [X] Bill Sender 2 [ ] Bill Recipient's FedEx Acct No 3 [ ] Bill 3rd Party FedEx Acct No. 4 [ ] Bill Credit Card 5 [ ] Cash/Check

4 SERVICES (Check only one box)

Priority Overnight (Delivery by next business morning†)	Standard Overnight (Delivery by next business afternoon. No Saturday delivery†)
11 [ ] YOUR PACKAGING	51 [ ] YOUR PACKAGING
16 [X] FEDEX LETTER*	56 [ ] FEDEX LETTER*
12 [X] FEDEX PAK*	52 [ ] FEDEX PAK*
13 [ ] FEDEX BOX	53 [ ] FEDEX BOX
14 [ ] FEDEX TUBE	54 [ ] FEDEX TUBE
Economy Two-Day (Delivery by second business day †)	**Government Overnight** (Restricted for authorized users only)
30 [ ] ECONOMY	46 [ ] GOVT LETTER
	41 [ ] GOVT PACKAGE

Freight Service (for packages over 150 lbs.)

70 [ ] OVERNIGHT FREIGHT** (Confirmed reservation required) 80 [ ] TWO-DAY FREIGHT**

†Delivery commitment may be later in some areas. *Declared Value Limit $500. **Call for delivery schedule.

5 DELIVERY AND SPECIAL HANDLING (Check services required)

1 [ ] HOLD FOR PICK-UP (Fill in Box H)
2 [X] DELIVER WEEKDAY
3 [ ] DELIVER SATURDAY (Extra charge) (Not available to all locations)
4 [ ] DANGEROUS GOODS (Extra charge)
5 [ ]
6 [ ] DRY ICE Lbs.
7 [ ] OTHER SPECIAL SERVICE
8 [ ]
9 [ ] SATURDAY PICK-UP (Extra charge)
10 [ ]
[ ]
12 [ ] HOLIDAY DELIVERY (If offered) (Extra charge)

6 PACKAGES / WEIGHT In Pounds Only / YOUR DECLARED VALUE

Total Total Total

DIM SHIPMENT (Chargeable Weight) [ ] lbs

L x W x H

Received At: 1 [ ] Regular Stop 3 [ ] Drop Box 4 [ ] B.S.C. 5 [ ] On Call Stop 6 [ ] Station

7 Release Signature

Emp No. — Date

[ ] Cash Received
[ ] Return Shipment
[ ] Third Party [ ] Chg To Del [ ] Chg. To Hold

Street Address

City — State — Zip

Received By: X

Date/Time Received — FedEx Employee Number

Federal Express Use: Base Charges — Declared Value — Other 1 — Other 2 — Total — F

EDEN CONSOLIDATED
FIRE PROTECTION DISTRICT
427 PASEO GRANDE • SAN LORENZO, CALIFORNIA 94580
(415) 670-5853

FIRE PERMIT

NO: 920508
ISSUE DATE 05-07-92
EXPIRATION DATE 05-15-92

NAME OF BUSINESS: Ruby Home Inc

BUSINESS ADDRESS: 3766 Bradview Way, Sacramento 916-368-4700

THE BUSINESS (AND ITS LOCATION, LISTED ABOVE) PURSUANT TO THE PROVISIONS OF THE ALAMEDA COUNTY FIRE CODE, HAVING MADE APPLICATION IN DUE FORM AND BEING IN COMPLIANCE WITH APPLICABLE CODES, AND ORDINANCES, IS HEREBY GRANTED PERMISSION FOR THE FOLLOWING TYPES OF OPERATIONS:

Removal of 3 underground liquid storage tanks from 100 Lewelling Blvd.

UPON ACCEPTANCE OF THIS PERMIT, THE PERMITTEE AGREES TO COMPLY WITH ALL ORDINANCE PROVISIONS NOW ADOPTED OR THAT MAY BE HEREAFTER ADOPTED.

THIS PERMIT MUST BE KEPT ON THE PREMISES AT ALL TIMES

FIRE PREVENTION BUREAU

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

II,III

Site ID # ____ Site Name 7-Eleven Today's Date 5/13/92

Site Address 100 Lewelling

City S. Lorenzo Zip 94580 Phone ____

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:
____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Business Plans, Acute Hazardous Materials
✓ III. Underground Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

II.A BUSINESS PLANS (Title 19)

___	1. Immediate Reporting	2703
___	2. Bus. Plan Stds.	25503(b)
___	3. RR Cars > 30 days	25503.7
___	4. Inventory Information	25504(a)
___	5. Inventory Complete	2730
___	6. Emergency Response	25504(b)
___	7. Training	25504(c)
___	8. Deficiency	25505(a)
___	9. Modification	25505(b)

II.B ACUTELY HAZ. MATLS

___	10. Registration Form Filed	25533(a)
___	11. Form Complete	25533(b)
___	12. RMPP Contents	25534(c)
___	13. Implement Sch. Req'd? (Y/N)	___
___	14. OffSite Conseq. Assess.	25524(c)
___	15. Probable Risk Assessment	25534(d)
___	16. Persons Responsible	25534(g)
___	17. Certification	25534(i)
___	18. Exemption Request? (Y/N)	25536(b)
___	19. Trade Secret Requested?	25538

III. UNDERGROUND TANKS (Title 23)

General

___	1. Permit Application	25284 (H&S)
___	2. Pipeline Leak Detection	25292 (H&S)
___	3. Records Maintenance	2712
___	4. Release Report	2651
___	5. Closure Plans	2670

Monitoring for Existing Tanks

___ 6. Method
1) Monthly Test
2) Daily Vadose
Semi-annual gndwater
One time soils
3) Daily Vadose
One time soils
Annual tank test
4) Monthly Gndwater
One time soils
5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
6) Daily Inventory
Annual tank testing
Cont pipe leak det
7) Weekly Tank Gauge
Annual tank tsting
8) Annual Tank Testing
Daily Inventory
9) Other ____

___	7. Precis Tank Test Date: ____	2643
___	8. Inventory Rec.	2644
___	9. Soil Testing.	2646
___	10. Ground Water.	2647

New Tanks

___	11. Monitor Plan	2632
___	12. Access. Secure	2634
___	13. Plans Submit Date: ____	2711
___	14. As Built Date: ____	2635

Rev 6/88

9:00 –

Comments:
On-site to witness closure of three (3) gasoline USTs. Jim Ferdinand of ECFD was also here to verify tank inertness.

1) First tank removed ~10.35. This is a 6,000 gal unleaded tank. Significant scaling and pitting was observed along the welded end seams, and tank ends. No through-going holes were observed. Tank is of bare steel construction.

2) Second tank (10,000 gal) is of bare steel construction. It, too, is severely corroded/pitted/scaled. No through-going holes observed.

3) The 3rd tank (10,000 gal) was removed ~ 12:15. It is in similar shape as the previous two, but w/ more scaling evident. No through going holes observed.

Native material appears to be a fine-grained sandy silt. Obvious discoloration is noted below the north (towards Lewelling) end of pit. Six (6) samples were collected one from below ea. UST end. IT Corp analyzed samples on-site using their mobile lab.

II, III

Contact: Mark McNearney

Title: proj. mngr - Ruby Dome, Inc. Inspector: S. Seery

Signature: [signature] Signature: [signature]

41

ERICKSON
255 Parr Boulevard, Ric. .ond, California 94801
(510) 235-1393 • FAX (510) 235-3709
Contr. Lic. No. 168067

CUSTOMER JOB ORDER

ERICKSON, Inc.

JOB NO. 78578-0-00

DAY: ### M T W T F SAT SUN ##########

EMPLOYEE'S NAME FLEMING

☑ Driver ☑ II ☐ Operator

DATE 05/13/92

☐ T & M ☐ BID ☐ COD
☐ JOB START X ☐ JOB IN PROGRESS ☐ JOB CLOSED

☐ Laborer

CUSTOMER NO.	P O /CONTRACT NO	CONTRACT REL NO.	POWER NO.	TRAILER NO.
2263	TIM		1025	2F36

CUSTOMER NAME RUBY DOME

JOBSITE ADDRESS 100 E. LEWELLING BLVD.

SAN LARENZO, CA

CONTACT TIM MATHISON

PHONE NO. (702) 738-2154

DRIVER INSTRUCTIONS
TRANSPORT & DISPOSE OF 2-10K & 1-6K ALSO PUMP OUT.

EQUIPMENT OR MATERIAL USED:
2-45' FLAT BEDS 1-38 BBL

☐ RUBBER GEAR
☑ GLOVES
☑ GOGGLES
☐ RESPIRATORS
☐ OTHER

DR

WASTE MATERIAL	QUANTITY	HW MANIFEST NO.
	1	906483 25

DISPOSAL SITE	DATE & APPOINTMENT TIME	PROFILE NO./W/S NO.
ERICKSON / Richmond	1130 On Site	

COMMENTS (EXPLAIN JOB DELAYS):
ADDITIONAL INFO: VAC AT 6:00 A.M. FLAT BEDS AT 10:30 & 11:30.

BILLING (JOB DESCRIPTION)

CUSTOMER ACKNOWLEDGES WORK PERFORMED

CUSTOMER'S SIGNATURE X [signature] DATE 5/13/92

EMPLOYEE'S SIGNATURE X [signature]

[redacted]

ERICKSON, INC. CAN PROVIDE COMPLETE HAZARDOUS WASTE MANAGEMENT AND TRANSPORTATION TO SERVE YOU. PLEASE CALL US AT **(415) 235-1393** IF YOU HAVE ANY QUESTIONS OR IF WE CAN PROVIDE ADDITIONAL SERVICE. **ERICKSON, INC., A FULL SERVICE COMPANY SINCE 1942. WE APPRECIATE YOUR BUSINESS.**

43

YELLOW — CUSTOMER COPY

ERICKSON
255 Parr Boulevard, Richmond, California 94801
(510) 235-1393 • FAX (510) 235-3709
Contr. Lic. No. 168067

CUSTOMER JOB ORDER

ERICKSON, Inc.

JOB NO. 78578-0-00

DAY: M T W T F SAT SUN

EMPLOYEE'S NAME DAVIS ☑ Driver ☑ ETI ☐ Envirovac

DATE 05/13/92 ☐ T & M ☐ JOB START X ☐ BID ☐ JOB IN PROGRESS ☐ COD ☐ JOB CLOSED ☐ Laborer

CUSTOMER NO.	P.O./CONTRACT NO.	CONTRACT REL. NO.	POWER NO.	TRAILER NO.
2263	TIM			

CUSTOMER NAME RUBY DOME

JOBSITE ADDRESS 100 E. LEWELLING BLVD.

SAN LARENZO, CA

CONTACT TIM MATHISON PHONE NO. (702) 738-2154

DRIVER INSTRUCTIONS TRANSPORT & DISPOSE OF 2-10K & 1-6K ALSO PUMP OUT.

EQUIPMENT OR MATERIAL USED: 2-45' FLAT BEDS 1-38 BBL

☐ RUBBER GEAR
☑ GLOVES
☑ GOGGLES
☐ RESPIRATORS
☐ OTHER

DR

WASTE MATERIAL	QUANTITY	HW MANIFEST NO.
STORAGE TANKS	2 TANKS	90648339

DISPOSAL SITE	DATE & APPOINTMENT TIME	PROFILE NO./W/S NO
ERICKSON / Richmond	10:30 On Site	

COMMENTS (EXPLAIN JOB DELAYS)
ADDITIONAL INFO: VAC AT 6:00 A.M. FLAT BEDS AT 10:30 & 11:30.

BILLING (JOB DESCRIPTION)

CUSTOMER ACKNOWLEDGES WORK PERFORMED
CUSTOMER'S SIGNATURE X _____ DATE

EMPLOYEE'S SIGNATURE X Alfred Davis

[redacted]

ERICKSON, INC. CAN PROVIDE COMPLETE HAZARDOUS WASTE MANAGEMENT AND TRANSPORTATION TO SERVE YOU.
PLEASE CALL US AT **(415) 235-1393** IF YOU HAVE ANY QUESTIONS OR IF WE CAN PROVIDE ADDITIONAL SERVICE.
ERICKSON, INC., A FULL SERVICE COMPANY SINCE 1942. WE APPRECIATE YOUR BUSINESS.

YELLOW — CUSTOMER COPY

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

CERTIFICATE OF ANALYSIS

DATE: 05/14/92

CLIENT: IT CORPORATION
1355 Vander Way
San Jose, CA 95112

CONTACT: Bob Flory

Project Number: 198190

Four soil samples were received by the laboratory on May 12, 1992
Nine soil samples were received by the laboratory on May 13, 1992

Analytical Methodology

Samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes by EPA method 8020 - Gas Chromatography/Photoionization detection. Analysis for Total Petroleum Hydrocarbons was performed by EPA modified method 8015 - Gas Chromatography/Flame Ionization detection.

Quality Control

Prior to sample analysis an initial five point calibration is performed for all methods. On the day of sample analysis a check standard for each method is analyzed to evaluate instrument performance on that day. Compound response must be within 15% of the initial calibration.

Matrix spike and matrix spike duplicates are prepared and analyzed at a frequency of 1 per 20 samples.

Reviewed and Approved:

Emanuel Hignutt, Jr.
Analytical Project Manager

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS1-SP5
Date Sampled: 05/12/92
Date Analyzed: 05/12/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	ND	100 ug/Kg
Ethylbenzene	ND	100 ug/Kg
Total Xylenes	ND	300 ug/Kg
TPH - Gasoline	ND	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS2-SP5
Date Sampled: 05/12/92
Date Analyzed: 05/12/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	ND	100 ug/Kg
Ethylbenzene	ND	100 ug/Kg
Total Xylenes	ND	300 ug/Kg
TPH - Gasoline	ND	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS3-SP5
Date Sampled: 05/12/92
Date Analyzed: 05/12/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	ND	100 ug/Kg
Ethylbenzene	ND	100 ug/Kg
Total Xylenes	ND	300 ug/Kg
TPH - Gasoline	ND	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS4-SP5
Date Sampled: 05/12/92
Date Analyzed: 05/12/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	ND	100 ug/Kg
Ethylbenzene	ND	100 ug/Kg
Total Xylenes	ND	300 ug/Kg
TPH - Gasoline	ND	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS5-SP5
Date Sampled: 05/12/92
Date Analyzed: 05/13/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	332 ug/Kg	100 ug/Kg
Ethylbenzene	ND	100 ug/Kg
Total Xylenes	4169 ug/Kg	300 ug/Kg
TPH - Gasoline	24 mg/Kg	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS6-SP5
Date Sampled: 05/12/92
Date Analyzed: 05/13/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	42 ug/Kg	100 ug/Kg
Toluene	1155 ug/Kg	100 ug/Kg
Ethylbenzene	650 ug/Kg	100 ug/Kg
Total Xylenes	23690 ug/Kg	300 ug/Kg
TPH - Gasoline	103 mg/Kg	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS7-TP
Date Sampled: 05/13/92
Date Analyzed: 05/13/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	152 ug/Kg	100 ug/Kg
Ethylbenzene	227 ug/Kg	100 ug/Kg
Total Xylenes	2204 ug/Kg	300 ug/Kg
TPH - Gasoline	21 mg/Kg	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS8-TP
Date Sampled: 05/13/92
Date Analyzed: 05/13/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	ND	100 ug/Kg
Ethylbenzene	ND	100 ug/Kg
Total Xylenes	ND	300 ug/Kg
TPH - Gasoline	ND	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS9-TP
Date Sampled: 05/13/92
Date Analyzed: 05/13/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	ND	100 ug/Kg
Ethylbenzene	257 ug/Kg	100 ug/Kg
Total Xylenes	2295 ug/Kg	300 ug/Kg
TPH - Gasoline	20 mg/Kg	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS10-TP
Date Sampled: 05/13/92
Date Analyzed: 05/13/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	ND	100 ug/Kg
Ethylbenzene	ND	100 ug/Kg
Total Xylenes	1010 ug/Kg	300 ug/Kg
TPH - Gasoline	ND	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS11-TP
Date Sampled: 05/13/92
Date Analyzed: 05/13/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	ND	100 ug/Kg
Ethylbenzene	ND	100 ug/Kg
Total Xylenes	1046 ug/Kg	300 ug/Kg
TPH - Gasoline	ND	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS12-TP
Date Sampled: 05/13/92
Date Analyzed: 05/13/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	ND	100 ug/Kg
Ethylbenzene	ND	100 ug/Kg
Total Xylenes	976 ug/Kg	300 ug/Kg
TPH - Gasoline	ND	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Sample ID: SS13-SP5
Date Sampled: 05/13/92
Date Analyzed: 05/13/92

COMPOUND	RESULT	REPORTING LIMIT
Benzene	ND	100 ug/Kg
Toluene	ND	100 ug/Kg
Ethylbenzene	ND	100 ug/Kg
Total Xylenes	937 ug/Kg	300 ug/Kg
TPH - Gasoline	ND	1 mg/Kg

TPH = Total Petroleum Hydrocarbons

ND = Not Detected

IT FIELD ANALYTICAL SERVICES
4585 PACHECO BOULEVARD
MARTINEZ, CA

Quality Control Results

Matrix Spike/Matrix Spike Duplicate Recovery Summary

Results in mg/Kg

Compound	Amount Spiked	MS % Recovery	MSD % Recovery	Relative % Difference
Ethylbenzene	50 ug/Kg	84	90	7
o-Xylene	50 ug/Kg	81	89	9.4
Gasoline	1 mg/Kg	64	47	31

MS = Matrix Spike
MSD = Matrix Spike Duplicate

Superior Precision Analytical, Inc.
1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 54842
CLIENT: IT CORPORATION/ENGINEERING
CLIENT JOB NO.: 198190

DATE RECEIVED: 05/14/92
DATE REPORTED: 05/19/92

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
by EPA SW-846 Methods 5030 and 8020

LAB #	Sample Identification	Concentration(ug/kg) Benzene	Toluene	Ethyl Benzene	Xylenes
1	SS14-TPA	96	420	290	2300
2	SS15-TPB	ND<3	ND<3	ND<3	7
3	SS16-TPC	880	1400	880	5500

ug/kg - parts per billion (ppb)

Minimum Detection Limit in Soil: 3 ug/kg

QAQC Summary:
Daily Standard run at 20ug/L: %DIFF 8020 = <15
MS/MSD Average Recovery = 89% : Duplicate RPD =12%

Richard Srna, Ph.D.

Cecilia D Joaquin (for)
Laboratory Director

Superior Precision Analytical, Inc.
1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 54842
CLIENT: IT CORPORATION/ENGINEERING
CLIENT JOB NO.: 198190

DATE RECEIVED: 05/14/92
DATE REPORTED: 05/19/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS
by Modified EPA SW-846 Method 5030 and 8015

LAB #	Sample Identification	Concentration (mg/kg) Gasoline Range
1	SS14-TPA	46
2	SS15-TPB	ND<1
3	SS16-TPC	63

mg/kg - parts per million (ppm)
Minimum Detection Limit for Gasoline in Soil: 1mg/kg

QAQC Summary:
Daily Standard run at 2mg/L: %DIFF Gasoline = <15
MS/MSD Average Recovery = 88%: Duplicate RPD = 0.8%

Richard Srna, Ph.D.

Cecilia G Joaquin (for)
Laboratory Director

54842
54819

CHAIN OF CUSTODY AND ANALYSIS REQUEST

LAB NO.

The Southland Company

Client: S.T. CORP
Address: 1355 VANDOR WAY
City/St./Zip: SAN JOSE, CA 95112
Phone (408): 283-2250
FAX (408): 283-2255

Reporting Deadline

- Same Day ☐
- 24 Hours ☐
- 48 Hours ☐
- 72 Hours ☐
- Normal 5 Day ☒

Superior Precision Analytical, Inc.

835 Arnold, Suite 106
Martinez, California 94553
(510)229-0166
FAX (510)229-0916

Project Manager: B.G. CLARK
Alternate Contact: BOB FLORY
Project No.: 198190
P.O. No.: #032222
Sampler: B.G. CLARK
Regulator: S. SOBY, C. OF ALAMEDA

Sample Identification	SO - Soil WG - Groundwater	Mod 8015 - Gas	Mod 8015 - BTEX	Mod 8015 - Diesel	8010	8240	CAM17	TCLP Metals	Metals	418.1 - TPH by IR	Oil & Grease	PCBs					Date Sampled	Time Sampled	Number of Containers	Preservative (Yes or No)	Comments
SS14-TPA	S.O.	X	X														5/14/92			No	BLACK BAY MUD - SLIGHT ODOR
SS15-TPB	S.O.	X	X																		BLACK BAY MUD - NO ODOR
SS16-TPC	S.O.	X	X																		BLACK BAY MUD - NO ODOR

Comments

- Bioremediation ☐
- UST ☒
- Monitoring ☐
- Recent contaminations ☐
- Unknown compounds ☐

Relinquished by		Date/Time	Received by
Organization	S.T. CORP.	5/14/92 1542	Organization
Relinquished by		Date/Time	Received by
Organization	EXPRESS-IT	5/14/92	Organization
Relinquished by	JOHN SOSA	Date/Time	Received by
Organization	EXPRESS-IT	5/14/92 1700	Organization Superior

Laboratory Checklist

- Samples stored in ice ☐
- Appropriate containers ☐
- Samples preserved ☐
- No headspace ☐
- Comments

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☑ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☐ NO

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
SIGNED _____ DATE _____

REPORT DATE: 05 / 13 / 92 (M/D/Y) | CASE #:

REPORTED BY
NAME OF INDIVIDUAL FILING REPORT: DANIEL R. BANNON | PHONE: (510) 372-9100 | SIGNATURE: Daniel R. Bannon
REPRESENTING ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☑ OTHER ENVIRONMENTAL CONTRACT | COMPANY OR AGENCY NAME: IT CORPORATION
ADDRESS: 4585 PACHECO BLVD. (STREET) | MARTINEZ (CITY) | CA (STATE) | 94553 (ZIP)

RESPONSIBLE PARTY
NAME: SOUTHLAND CORP. ☐ UNKNOWN | CONTACT PERSON: BUD GOOD / DAVE SCHMIDT | PHONE: (510) 463-2711
ADDRESS: P.O. BOX 404 (STREET) | PLEASANTON, (CITY) | CA (STATE) | ZIP

SITE LOCATION
FACILITY NAME (IF APPLICABLE): SOUTHLAND # 19035 | OPERATOR: SOUTHLAND | PHONE: ( )
ADDRESS: 100 Lewelling Blvd. (STREET) | San Lorenzo, (CITY) | California | Alameda (COUNTY) | ZIP
CROSS STREET: El Camino Verde

IMPLEMENTING AGENCIES
LOCAL AGENCY: County of Alameda | AGENCY NAME: Dept. of Env. Health | CONTACT PERSON: Inspector Scott Seery | PHONE: ( )
REGIONAL BOARD: SAN FRANCISCO | PHONE: ( )

SUBSTANCES INVOLVED
(1) NAME: GASOLINE | QUANTITY LOST (GALLONS): _____ ☑ UNKNOWN
(2) _____ ☐ UNKNOWN

DISCOVERY/ABATEMENT
DATE DISCOVERED: 05 / 14 / 92 | HOW DISCOVERED: ☐ TANK TEST ☑ TANK REMOVAL ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ OTHER _____
DATE DISCHARGE BEGAN: ☑ UNKNOWN
HAS DISCHARGE BEEN STOPPED? ☑ YES ☐ NO IF YES, DATE
METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): ☐ REMOVE CONTENTS ☑ CLOSE TANK & REMOVE ☐ REPAIR PIPING ☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE ☐ REPLACE TANK ☐ OTHER _____

SOURCE/CAUSE
SOURCE OF DISCHARGE: ☑ TANK LEAK ☐ UNKNOWN ☐ PIPING LEAK ☐ OTHER
CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☐ UNKNOWN ☐ OTHER _____

CASE TYPE
CHECK ONE ONLY: ☐ UNDETERMINED ☐ SOIL ONLY ☑ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS
CHECK ONE ONLY: ☐ NO ACTION TAKEN ☑ LEAK BEING CONFIRMED ☐ REMEDIATION PLAN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ POLLUTION CHARACTERIZATION ☐ POST CLEANUP MONITORING IN PROGRESS ☐ CLEANUP UNDERWAY

REMEDIAL ACTION
CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS): ☑ CAP SITE (CD) ☐ CONTAINMENT BARRIER (CB) ☐ VACUUM EXTRACT (VE) ☐ EXCAVATE & DISPOSE (ED) ☐ EXCAVATE & TREAT (ET) ☐ NO ACTION REQUIRED (NA) ☐ OTHER (OT) _____ ☐ REMOVE FREE PRODUCT (FP) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ TREATMENT AT HOOKUP (HU) ☐ ENHANCED BIO DEGRADATION (IT) ☐ REPLACE SUPPLY (RS) ☐ VENT SOIL (VS)

COMMENTS
DEVELOPING WORK PLAN / PROPOSAL

HSC 05 (8/90)