

**FORAS**TELEFAX

TO: Larry Seto - County of Alameda DATE: 6/21/99  
Department of Environmental Health (510) 337-9335  
FROM: Paul A. Smith - FORAS Service Corporation.

4 Page(s) Incl. coverOriginal will:  follow  not follow

Larry — Please review the attached sequence of events and action plans concerning the oil spill on our site (Control # 992535) on Monday June 14<sup>th</sup>... I would appreciate a call back to discuss any questions or concerns you may have. Thanks for your direction and support concerning this matter.

Ph - (925) 443-0235  
Cell - (209) 217-8248

Paul A. Smith

FORAS Service Corporation

12046 Altamont Pass Road • Tracy, California 95376  
Phone: 510.455.3820 • Fax: 510.449.7886

Aug 22-97 10:30A Briar Ward, Zurich  
 FROM: ALAMEDA CO EMS HQ2-OPS 610 337 9336

510 774-2297 P.02  
 1997, 13 16:25 8168 P.02/05

Chapter 6: Managing Hazardous Waste On-Site

Part 3  
 Emergency Incident Report  
 [Form HWM 6-2 (3)]

The following report is hereby submitted to the California Department of Toxic Substances Control within 15 days after an emergency involving hazardous waste pursuant to 22 CCR 64626.5(f).

1. Name of Facility: FORAS Service Corporation - WP Dyer Site  
 Address of Facility: 4595 Dyer Road, Gate #17  
 Telephone Number: (925) 443-0231

2. Name of Owner/Operator: FORAS Service Corporation  
 Address: 1000 East Grantline Road Tracy, CA, 95376  
 Telephone Number: (209) 836-1921

3. Name of Person Calling: Paul A. Smith  
 Title: Area Manager  
 Return Telephone Number: (925) 443-0235 or (209) 217-8248

4. Description of Hazardous Waste Released: Transformer Oil

5. Quantity of Material Released: Approximately 400 gallons pounds/gallons

6. Description of Emergency (attach additional sheets as necessary): Transformer was damaged and the oil released to the ground.

7. Date and Time of Incident: June 14, 1999, 14:35 AM (M)

8. Extent of Injuries: No persons were injured

9. Assessment of Actual or Potential Hazards to Human Health or the Environment (attach additional sheets as necessary):  
The release was direct to ground. No water was involved in the release. There is no health hazards to humans or the environment. The soil will be removed.

Aug 22-97 10:30A Briar Ward, Zurich  
FROM ALAMEDA CO EMS REC-OPS 610 337 9336

510 FR4-2297  
1997 -13 15:26 #150 P.03/06

P.03

**Chapter 6: Managing Hazardous Wastes On-Site**

A

10. Disposition of Material Recovered from the Incident (attach additional sheets as necessary):

The soil is being removed and sent to the  
Attament Landfill.

11. Quantity of Material Recovered from the Incident: majority of

12. Emergency Actions Taken During the Incident:

The contaminated soil was  
removed and placed on a polyethylene tarp within  
one day of the incident to minimize spread of contaminated  
soil. Remaining contaminated soil removed (3) days after spill.

13. Agencies Notified:

Agency	Notification Time	Person Contacted
<u>California Office of</u> <u>Emergency Services</u>	<u>6/14/99 - 17:25</u>	<u>Bill Pennington</u>
<u>County of Alameda</u>	<u>6/14/99 - 17:45</u>	<u>left message with Rob Weston</u>
<u>County of Alameda</u> <u>Department of Environmental Health</u>	<u>6/15/99 - 08:35</u>	<u>Thomas Peacock</u>

14. Agencies Responding:

Agency	Notification Time	Response Time
<u>County of Alameda</u> <u>Larry Seto</u>	<u>6/15/99 - 13:25</u>	<u>20:00 HRS.</u>

Respectfully submitted,

By: Paul A. Smith Title: Area Manager

Signature: Paul A. Smith Date: 6/21/99

JUN 16 '97 13:48 ABB SERVICE INC.  
Post-It® brand fax transmittal memo 71 set pages = 5

To <b>BOB WALTER</b>	From <b>JOHN ALLEN</b>
Co. <b>ABB SERV. HAYWARD</b>	Co. <b>ABB</b>
Dept.	Phone #
Fax # <b>510-887-4523</b>	Fax #

230 P02.  
70-2-2  
WEMCO C

 **PENNZOIL PRODUCTS COMPANY**

## 1. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME **PENNZOIL COMPANY**

CAS NUMBER: MIXTURE  
MSDS CODE: 008050

ADDRESS P.O. BOX 2967  
HOUSTON, TX 77252-2967

NFPA HAZARD IDENTIFICATION

DEGREE OF HAZARD	HAZARD RATINGS
HEALTH: 1	0-LEAST
FIRE: 1	1-SLIGHT
REACTIVITY: 0	2-MODERATE
	3-HIGH
	4-EXTREME

EMERGENCY TELEPHONE NO. (800) 546-6040

TRADE NAME: INHIBITED TRANSFORMER OIL (**INSULATING OIL**)

SYNONYMS: PETROLEUM HYDROCARBON DISTILLATE

BY: ENVIRONMENTAL, SAFETY & HEALTH  
(800) 546-6227

EFFECTIVE DATE: OCTOBER 26, 1988  
SUPERSEDES DATE: OCTOBER 26, 1995

## 2. INGREDIENTS

COMPONENT NAME CAS NUMBER	HAZARDOUS IN BLEND	PERCENTAGE		COMPONENT EXPOSURE LIMIT	UNIT
		MIN	MAX		
LIGHT NAPHTHENIC HYDROTREATED DISTILLATE 64742-53-6	NO	99	TO 100	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
OXIDATION STABILIZER TRADE SECRET	NO	<	1	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
ALKYL NAPHTHALENES MIXTURE	NO	<	1	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT

## 3. HEALTH INFORMATION AND PROTECTION

**EYE CONTACT:** THIS PRODUCT IS PRACTICALLY NON-IRRITATING TO THE EYES UPON DIRECT CONTACT, BASED ON TESTING OF SIMILAR PRODUCTS AND/OR COMPONENTS.

**SKIN CONTACT:** AVOID SKIN CONTACT. THIS PRODUCT MAY CAUSE SLIGHT SKIN IRRITATION UPON DIRECT CONTACT, BASED ON TESTING OF SIMILAR PRODUCTS AND/OR COMPONENTS. PROLONGED OR REPEATED CONTACT MAY RESULT IN CONTACT DERMATITIS WHICH IS CHARACTERIZED BY DRYNESS, CHAPPING, AND REDDENING. THIS CONDITION MAY MAKE THE SKIN MORE SUSCEPTIBLE TO OTHER IRRITANTS, SENSITIZERS, AND DISEASE. PROLONGED OR REPEATED CONTACT MAY RESULT IN OIL ACNE WHICH IS CHARACTERIZED BY BLACKHEADS WITH POSSIBLE SECONDARY INFECTION. SEE HEALTH DATA SECTION BELOW.

JUN 16 '97 13:49

ABB SERVICE INC.

230 P03

CODE: 008050 NAME: INHIBITED TRANSFORMER OIL

PAGE 02

**INHALATION:** THIS PRODUCT HAS A LOW VAPOR PRESSURE AND IS NOT EXPECTED TO PRESENT AN INHALATION HAZARD AT AMBIENT CONDITIONS. CAUTION SHOULD BE TAKEN TO PREVENT AEROSOLIZATION OR MISTING OF THIS PRODUCT. THE PERMISSIBLE EXPOSURE LIMIT (PEL) AND THRESHOLD LIMIT VALUE (TLV) FOR THIS PRODUCT AS OIL MIST IS 5 MG/M3. EXPOSURES BELOW 5 MG/M3 APPEAR TO BE WITHOUT SIGNIFICANT HEALTH RISK. THE SHORT-TERM EXPOSURE LIMIT FOR THIS PRODUCT AS AN OIL MIST IS 10 MG/M3.

**INGESTION:** DO NOT INGEST. INGESTION IS RELATIVELY NON-TOXIC UNLESS ASPIRATION OCCURS. ASPIRATION MAY LEAD TO CHEMICAL PNEUMONITIS WHICH IS CHARACTERIZED BY PULMONARY EDEMA AND HEMORRHAGE AND MAY BE FATAL. SIGNS OF LUNG INVOLVEMENT INCLUDE INCREASED RESPIRATORY RATE, INCREASED HEART RATE, AND A BLUISH DISCOLORATION OF THE SKIN. COUGHING, CHOKING, AND GAGGING ARE OFTEN NOTED AT THE TIME OF ASPIRATION. GASTROINTESTINAL DISCOMFORT MAY DEVELOP, FOLLOWED BY VOMITTING WITH A FURTHER RISK OF ASPIRATION. THIS PRODUCT HAS LAXATIVE PROPERTIES AND MAY RESULT IN ABDOMINAL CRAMPS AND DIARRHEA. SEE HEALTH DATA SECTION BELOW.

**HEALTH DATA:** ON RARE OCCASIONS, PROLONGED AND REPEATED EXPOSURE TO OIL MIST POSES A RISK OF PULMONARY DISEASE SUCH AS CHRONIC LUNG INFLAMMATION. THIS CONDITION IS USUALLY ASYMPTOMATIC AS A RESULT OF REPEATED SMALL ASPIRATIONS. SHORTNESS OF BREATH AND COUGH ARE THE MOST COMMON SYMPTOMS.

THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER HAS CONCLUDED THAT HIGHLY REFINED MINERAL OILS ARE GROUP 3 SUBSTANCES, "NOT CLASSIFIABLE AS TO THEIR CARCINOGENICITY TO HUMANS," BASED ON INADEQUATE HUMAN AND INADEQUATE ANIMAL EVIDENCE. THIS SUBSTANCE IS NOT CARCINOGENIC ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD.

#### 4. EMERGENCY & FIRST AID PROCEDURES

**EYE CONTACT:** IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER AND CONTINUE FLUSHING UNTIL IRRITATION SUBSIDES. IF MATERIAL IS HOT, TREAT FOR THERMAL BURNS AND TAKE VICTIM TO HOSPITAL IMMEDIATELY.

**SKIN CONTACT:** REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED AREA THOROUGHLY WITH SOAP AND WATER. IF REDNESS OR IRRITATION OCCURS, SEEK MEDICAL ATTENTION. IF MATERIAL IS HOT, SUBMERGE INJURED AREA IN COLD WATER. IF VICTIM IS SEVERELY BURNED, REMOVE TO A HOSPITAL IMMEDIATELY.

**INHALATION:** THIS MATERIAL HAS A LOW VAPOR PRESSURE AND IS NOT EXPECTED TO PRESENT AN INHALATION EXPOSURE AT AMBIENT CONDITIONS.

**INGESTION:** DO NOT INDUCE VOMITING. DO NOT INDUCE VOMITING DUE TO ASPIRATION HAZARD. IF VOMITING OCCURS LOWER HEAD BELOW KNEES TO AVOID ASPIRATION. SEEK MEDICAL ATTENTION. SEEK IMMEDIATE MEDICAL ATTENTION.

#### 5. PERSONAL HEALTH PROTECTION INFORMATION

**EYE PROTECTION:** EYE PROTECTION IS NOT REQUIRED UNDER CONDITIONS OF NORMAL USE. IF MATERIAL IS HANDLED SUCH THAT IT COULD BE SPLASHED INTO EYES, WEAR PLASTIC FACE SHIELD OR SPLASH-PROOF SAFETY GOGGLES.

JUN 16 '97 13:50

ABB SERVICE INC.

230 P04

CCODE: 008050 NAME: INHIBITED TRANSFORMER OIL

PAGE 03

**SKIN PROTECTION:** NO SKIN PROTECTION IS REQUIRED FOR SINGLE, SHORT DURATION EXPOSURES. FOR PROLONGED OR REPEATED EXPOSURES, USE IMPERVIOUS CLOTHING (BOOTS, GLOVES, APRONS, ETC.) OVER PARTS OF THE BODY SUBJECT TO EXPOSURE. IF HANDLING HOT MATERIAL, USE INSULATED PROTECTIVE CLOTHING (BOOTS, GLOVES, APRONS, ETC.). LAUNDRY SOILED CLOTHES. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDING SHOES, WHICH CANNOT BE DECONTAMINATED.

**RESPIRATORY PROTECTION:** RESPIRATORY PROTECTION IS NOT REQUIRED UNDER CONDITIONS OF NORMAL USE. IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, USE AN ORGANIC VAPOR RESPIRATOR WITH A DUST AND MIST FILTER. ALL RESPIRATORS MUST BE NIOSH CERTIFIED. DO NOT USE COMPRESSED OXYGEN IN HYDROCARBON ATMOSPHERES.

**VENTILATION:** IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, ADEQUATE VENTILATION IN ACCORDANCE WITH GOOD ENGINEERING PRACTICE MUST BE PROVIDED TO MAINTAIN CONCENTRATIONS BELOW THE SPECIFIED EXPOSURE OR FLAMMABLE LIMITS.

**OTHER:** CONSUMPTION OF FOOD AND BEVERAGE SHOULD BE AVOIDED IN WORK AREAS WHERE HYDROCARBONS ARE PRESENT. ALWAYS WASH HANDS AND FACE WITH SOAP AND WATER BEFORE EATING, DRINKING, OR SMOKING.

## 6. FIRE PROTECTION INFORMATION

**FLASH POINT:** 300 F

**TEST METHOD:** C.C.C.

**AUTOIGNITION TEMPERATURE:** NO DATA

**TEST METHOD:** NO DATA

**FLAMMABLE LIMITS IN AIR % BY VOLUME**

**LOWER:** NO DATA

**UPPER:** NO DATA

**EXTINGUISHING MEDIA:** USE DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.

**SPECIAL FIRE FIGHTING PROCEDURES:** WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FLAME. CAUTION SHOULD BE EXERCISED WHEN USING WATER OR FOAM AS FROTHING MAY OCCUR, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.

**INITIAL FIRE AND EXPLOSIVE CONDITIONS:** DENSE SMOKE MAY BE GENERATED WHILE BURNING. CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION.

JUN 15 '97 13:51

ABB SERVICE INC.

230 P05

PAGE 04

CODE: 008050 NAME: INHIBITED TRANSFORMER OIL

### 7. REACTIVITY DATA

STABILITY (THERMAL, LIGHT, ETC.): STABLE

CONDITIONS TO AVOID: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

INCOMPATIBILITY MATERIALS TO AVOID: MAY REACT WITH STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

### 8. ENVIRONMENTAL PRECAUTIONS

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

CONSULT HEALTH EFFECT INFORMATION IN SECTION III, PERSONAL HEALTH PROTECTION INFORMATION IN SECTION V, FIRE PROTECTION INFORMATION IN SECTION VI, AND REACTIVITY DATA IN SECTION VII. NOTIFY APPROPRIATE AUTHORITIES OF SPILL. CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWER OR WATERCOURSE. REMOVE ALL SOURCES OF IGNITION. ABSORB WITH APPROPRIATE INERT MATERIAL SUCH AS SAND, CLAY, ETC. LARGE SPILLS MAY BE PICKED UP USING VACUUM PUMPS, SHOVELS, DUCKETS, OR OTHER MEANS AND PLACED IN DRUMS OR OTHER SUITABLE CONTAINERS.

WASTE DISPOSAL METHOD:

ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS. THE MATERIAL, IF SPILLED OR DISCARDED, MAY BE A REGULATED WASTE. REFER TO STATE AND LOCAL REGULATIONS. CAUTION: IF REGULATED SOLVENTS ARE USED TO CLEAN UP SPILLED MATERIAL, THE RESULTING WASTE MIXTURE MAY BE REGULATED. DEPARTMENT OF TRANSPORTATION (DOT) REGULATIONS MAY APPLY FOR TRANSPORTING THIS MATERIAL WHEN SPILLED. WASTE MATERIAL MAY BE LANDFILLED OR INCINERATED AT AN APPROVED FACILITY. MATERIALS SHOULD BE RECYCLED IF POSSIBLE.

### 9. MISCELLANEOUS

HANDLING AND STORAGE REQUIREMENTS:

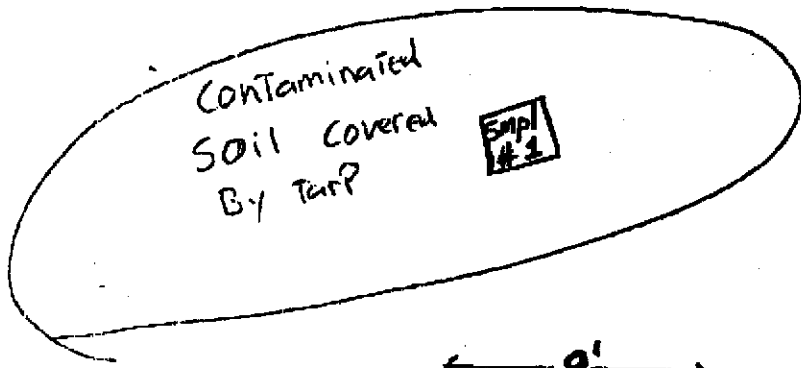
DO NOT TRANSFER TO UNMARKED CONTAINERS. STORE IN CLOSED CONTAINERS. PROTECT FROM HEAT, SPARKS, OPEN FLAME. SHOULD BE KEPT READILY AVAILABLE. AND COMBUSTIBLE LIQUIDS.

ADDITIONAL INFORMATION:

THIS PRODUCT IS A HAZARDOUS MATERIAL. REPORTABLE QUANTITY. THIS PRODUCT IS A HAZARDOUS MATERIAL. REPORTABLE QUANTITY.

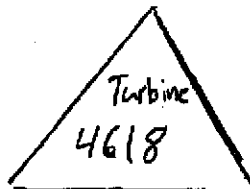
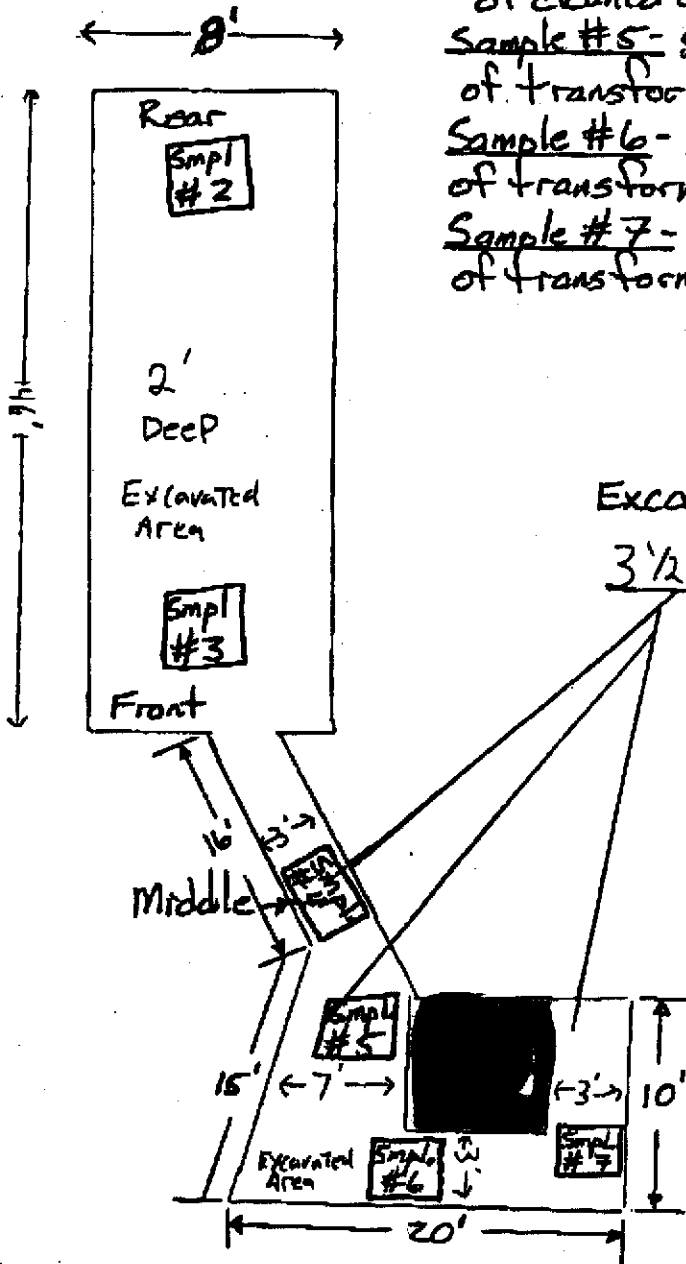
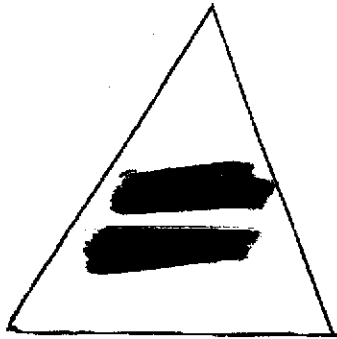
# Sample Map Sheet...

6/21/99

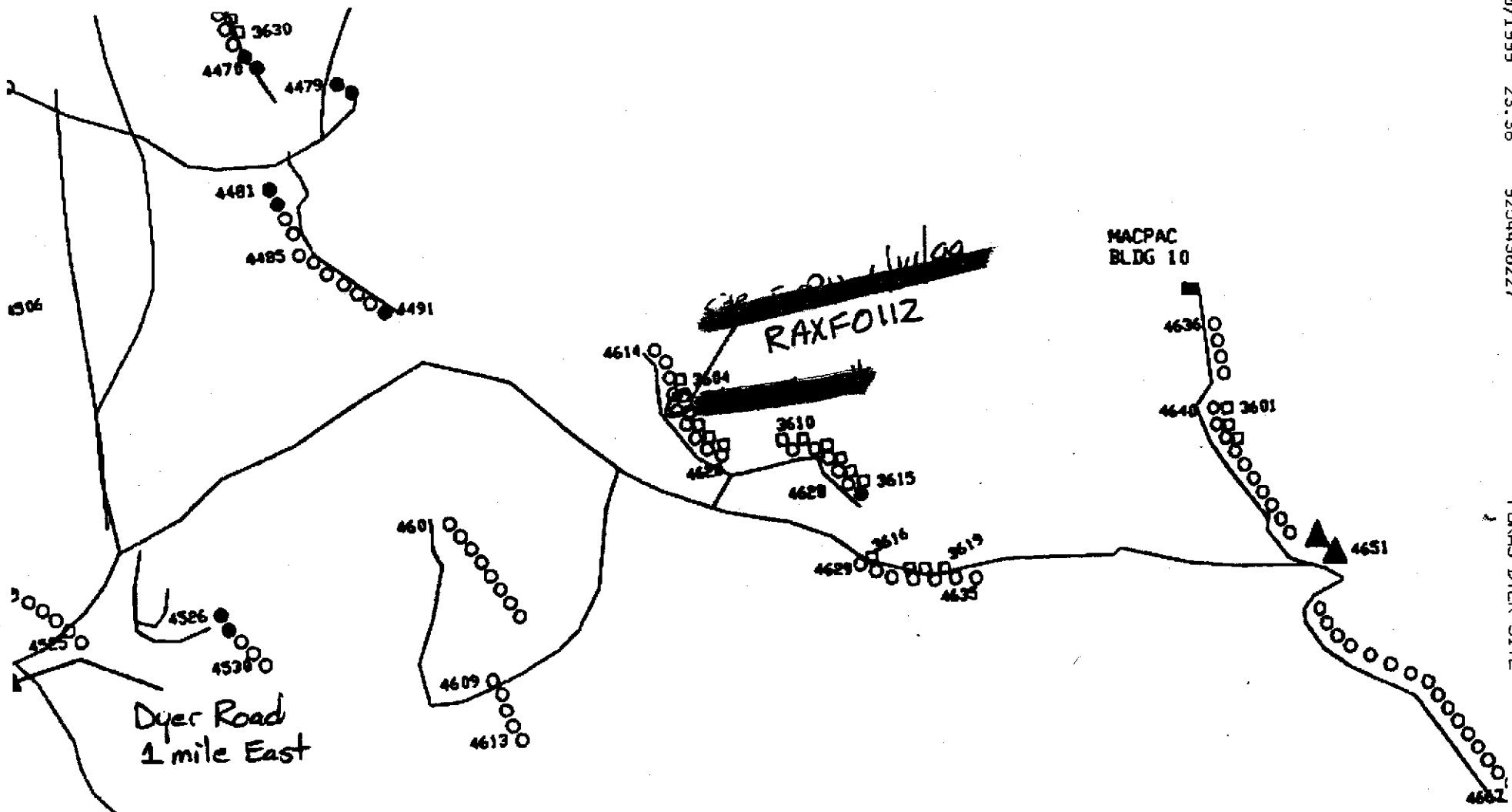


- Sample #1 - Sample taken from contaminated soil pile. Taken 6-14-99
- Sample #2 - Sample taken at the rear (East) of cleaned excavated area. 6-21-99
- Sample #3 - Sample taken at front (East) of cleaned excavated area. 6-21-99
- Sample #4 - Sample taken at middle of cleaned excavated area. 6-21-99
- Sample #5 - Sample taken at base (North) of transformer foundation. 6-21-99
- Sample #6 - Sample taken at base (West) of transformer foundation. 6-21-99
- Sample #7 - Sample taken at base (South) of transformer foundation. 6-21-99

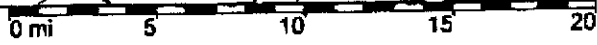
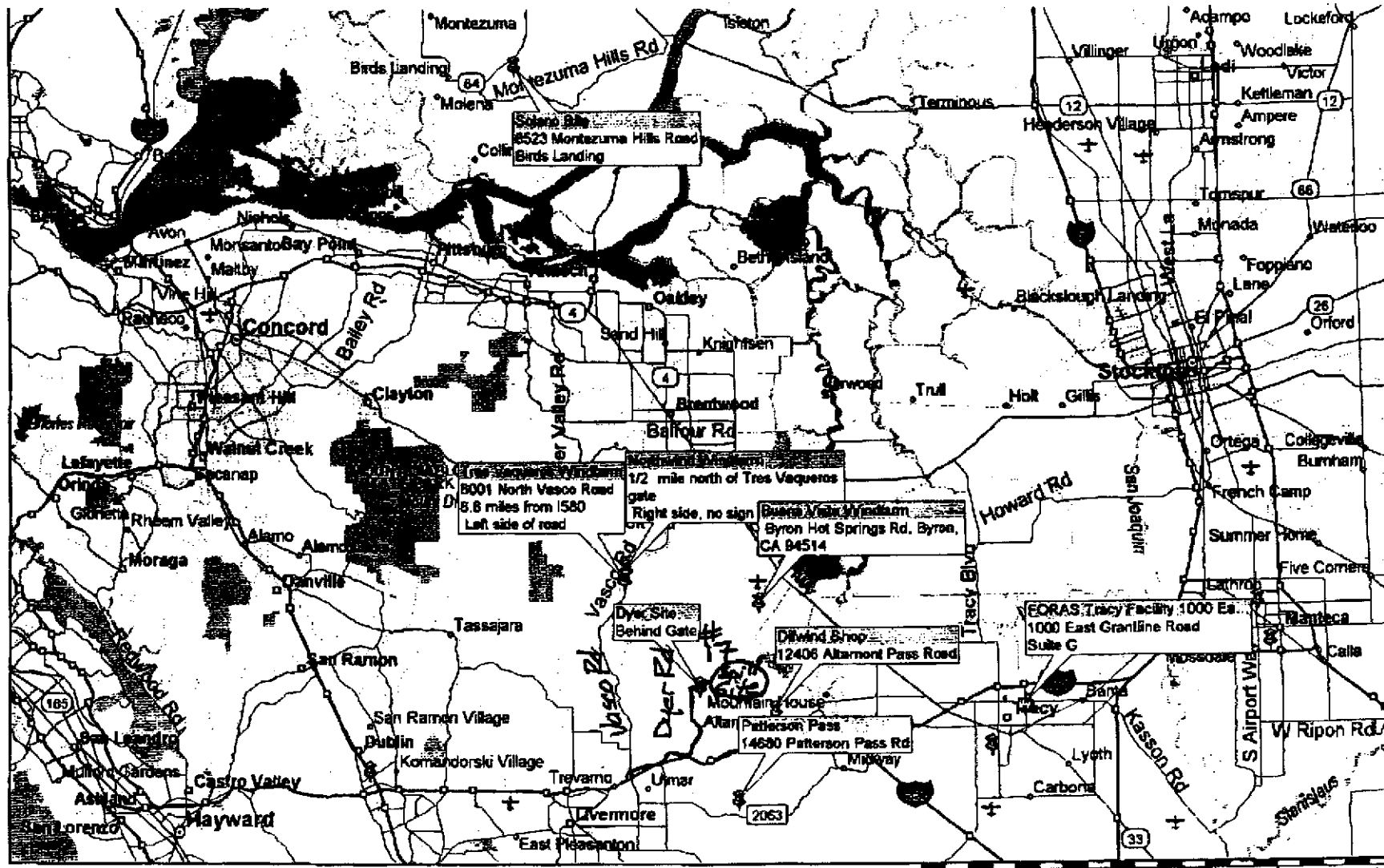
North ↑







**FORAS Service Corporation**  
**Altamont Windfarms and Main Office**



Microsoft  
**Streets98**

06/20/1999 23:38 9254430227 FORAS DYER SITE PAGE 10

Reference #: 46535  
Chain of Custody

# CHROMALAB, INC.

1220 Oriany Lane • Pleasanton, California 94568-4756  
510/484-1910 • Facsimile 510/484-1098

Environmental Services (SDB) (DOHS 1094)

DATE 6-17-99 PAGE \_\_\_\_\_ OF \_\_\_\_\_

PROJ. MGR Paul A Smith  
 COMPANY Foras Service  
 ADDRESS 1000 East Grant Line Road  
Tracy CA 95376

SAMPLES (SIGNATURE) [Signature] (PHONE NO.) 925 443-0235  
 (FAX NO.) 925 443-0227

### ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PREP	TPH (EPA 8016, 8020) <input type="checkbox"/> Gas w/ <input type="checkbox"/> BTEX CHEMTRK	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Olefin (EPA 8015M)	TEPE (EPA 8015M) M, n, iso, a <input type="checkbox"/> Diesel <input type="checkbox"/> Other Oil	PURGEABLE HALOCARBONS (EPOC) (EPA 8010)	VOLATILE ORGANICS (VOC) (EPA 8260)	SEMI-VOLATILES (EPA 8270)	TOTAL OIL AND GREASE (EPA 8520 B + F, E + F)	<input type="checkbox"/> PESTICIDES (EPA 8080) <input type="checkbox"/> PCB'S (EPA 8060)	PHA'S BY <input type="checkbox"/> 8270 <input type="checkbox"/> 8510	O/Synth. Cond. O/TSS O/TDS	LIQFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 8010/8170/8271)	TOTAL LEAD	DWET (STLC) DTCLP	<input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24 hr hold time for 8210)	NUMBER OF CONTAINERS
<u>Dyer Transformer 112</u>	<u>6/17/99</u>	<u>2:30 PM</u>	<u>soil</u>					<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<u>1</u>

**PROJECT INFORMATION**

PROJECT NAME: Foras Mill  
 PROJECT NUMBER: \_\_\_\_\_  
 P.O. # \_\_\_\_\_

**SAMPLE RECEIPT**

TOTAL NO. OF CONTAINERS: 1  
 HEAD SPACE: \_\_\_\_\_  
 TEMPERATURE: \_\_\_\_\_  
 COMMENTS TO RECORD: \_\_\_\_\_

TAX STANDARD 5-DAY  24 48 72 OTHER

SPECIAL INSTRUCTIONS/COMMENTS:  
 Report:  Outline  Level 2  Level 3  Level 4  Electronic Report  
Received 270.00 cash

RELINQUISHED BY <u>[Signature]</u> (SIGNATURE) (NAME) PRINTED NAME (DATE) (COMPANY)	1	RELINQUISHED BY  (SIGNATURE) (NAME) PRINTED NAME (DATE) (COMPANY)	2	RELINQUISHED BY  (SIGNATURE) (NAME) PRINTED NAME (DATE) (COMPANY)	3
RECEIVED BY  (SIGNATURE) (NAME) PRINTED NAME (DATE) (COMPANY)	1	RECEIVED BY  (SIGNATURE) (NAME) PRINTED NAME (DATE) (COMPANY)	2	RECEIVED BY (LABORATORY) <u>[Signature]</u> <u>03:25</u> <u>CRISTINA</u> <u>06/17/99</u> <u>[Signature]</u>	3

# CHROMALAB, INC.

Environmental Services (SDD) (DOHS 1094)

1229 Quarry Lane • Pleasanton, California 94566-4756  
510/464-1919 • Facsimile 510/464-1096

*Confirmatory Sample  
after excavation*

Reference #: 46511

## Chain of Custody

DATE 06/21/99 PAGE 1 OF 1

PROJ. MGR <u>PAUL A. SMITH</u> COMPANY <u>FORAS Service</u> ADDRESS <u>1000 East Grant Line Rd Tracy, CA 95376</u>					ANALYSIS REPORT																			
SAMPLES (SIGNATURE) _____ (PHONE NO.) _____ _____ (FAX NO.) _____					<input type="checkbox"/> TPH (EPA 8015, 8020) <input type="checkbox"/> Gas w/ <input type="checkbox"/> STEC CHITRE <input type="checkbox"/> PURGEABLE AROMATICS <input type="checkbox"/> STEC (EPA 8020) <input type="checkbox"/> TPH-Chem (EPA 8015M) <input type="checkbox"/> PCBs (EPA 8015M) <input type="checkbox"/> Diesel Oil (EPA 8015M) <input type="checkbox"/> FURFURALS/BALOCARBONS, <input type="checkbox"/> (SVOCs) (EPA 8016) <input type="checkbox"/> VOLATILE ORGANICS <input type="checkbox"/> (VOCs) (EPA 8260) <input type="checkbox"/> SEMI-VOLATILES <input type="checkbox"/> (EPA 8270) <input type="checkbox"/> TOTAL OIL AND GREASE <input type="checkbox"/> (SW 8020 B + F, E + F) <input type="checkbox"/> <input type="checkbox"/> PESTICIDES (EPA 8060) <input type="checkbox"/> PCBs (EPA 8060) <input type="checkbox"/> PMA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8010 <input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TDS <input type="checkbox"/> TDS <input type="checkbox"/> LIQUID METALS: <input type="checkbox"/> Cd, Cr, Pb, Ni, Zn <input type="checkbox"/> CDM 17 METALS <input type="checkbox"/> EPA 8010/670/7471 <input type="checkbox"/> TOTAL LEAD <input type="checkbox"/> WSL (STL) <input type="checkbox"/> TCLP <input type="checkbox"/> Equivalent Chromium <input type="checkbox"/> pH (24 hr hold time for 820)																			
SAMPLE ID	DATE	TIME	MATRIX	PRIMARY																				
# 2	6/21	10:30	soil	-																				
# 3		10:30		-																				
# 4		10:00		-																				
# 5		10:45		-																				
# 6		10:45		-																				
# 7	6/21	10:45		-																				
PROJECT INFORMATION					SAMPLE RECEIPT					RELINQUISHED BY					RELINQUISHED BY					RELINQUISHED BY				
PROJECT NAME: <u>FORAS WPP</u> PROJECT NUMBER: <u>RAXF 0112</u> P.O. # _____					TOTAL NO. OF CONTAINERS: <u>6</u> HEAD SPACE _____ TEMPERATURE _____ C. WFORMS TO RECORD _____					RELINQUISHED BY: <u>Tom Dyke</u> SIGNATURE (TIME) _____ PRINTED NAME (DATE) _____ COMPANY _____					RELINQUISHED BY: _____ SIGNATURE (TIME) _____ PRINTED NAME (DATE) _____ COMPANY _____					RELINQUISHED BY: _____ SIGNATURE (TIME) _____ PRINTED NAME (DATE) _____ COMPANY _____				
STANDARD <input checked="" type="checkbox"/> 1-DAY 3-DAY <input type="checkbox"/> 7-DAY <input type="checkbox"/> 30-DAY <input type="checkbox"/> 60-DAY <input type="checkbox"/> 90-DAY <input type="checkbox"/> OTHER _____					SPECIAL INSTRUCTIONS/COMMENTS: Report: <input type="checkbox"/> Routine <input type="checkbox"/> Level 2 <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> Electronic Report <u>Received ok # 000623</u> <u>Amnt 1,020</u>					RECEIVED BY: _____ SIGNATURE (TIME) _____ PRINTED NAME (DATE) _____ COMPANY _____					RECEIVED BY: _____ SIGNATURE (TIME) _____ PRINTED NAME (DATE) _____ COMPANY _____					RECEIVED BY LABORATORY: <u>LAACOR 02:10</u> <u>CRISERMA 06/21/99</u> SIGNATURE (TIME) _____ PRINTED NAME (DATE) _____ LAB _____				

*LAACOR*

**FORAS**TELEFAX

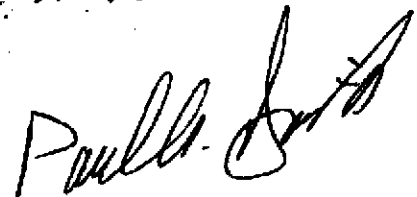
TO: Larry Seto - County of Alameda DATE: 6/21/99  
Department of Environmental Health (510) 337-9335

FROM: Paul A. Smith - FORAS Service Corporation.

4 Page(s) Incl. coverOriginal will:  follow  not follow

Larry — Please review the attached sequence of events and action plans concerning the oil spill on our site (Control # 992535) on Monday June 14<sup>th</sup>... I would appreciate a call back to discuss any questions or concerns you may have. Thanks for your direction and support concerning this matter.

Ph - (925) 443-0235  
Cell - (209) 217-8248



FORAS Service Corporation

12046 Altamont Pass Road • Tracy, California 95376  
Phone: 510.455.3820 • Fax: 510.449.7886

### Sequence Of Events Report and Action Plans

Site: RALPH SITE-WP DYER, 4595 DYER ROAD GATE #17  
 Date Of Occurrence: 6/14/99  
 Description Of Event: RALPH TRANSFORMER (RAXF0112) Oil Spill  
 Interconnecting Utility: PG&E  
 Technician: Paul Smith (FORAS), Tom Ryder (FORAS)  
 Partnership affected : WPP 90, WPP 92

#### Time Of Occurrence

14:30	Ralph Main Breaker Tripped. Operations notified Mike Daniel and Roy Joiner. Windspeed 17-29 mph
14:35	Notified GRS Operations of a fire at near Ralph riser 558. GRS notified CDF.
14:45	Mike and Roy from GRS arrive on site and proceed to fire location, they noticed FORAS crews around RAXF0112, when they arrived they noticed that RAXF0112 appeared to have had an internal fault and oil was seeping out of the radiators. Mike and Roy continued on to riser 0558 where the fire had initially occurred. They found the jumper wire burned off the pothead, they opened, locked, and tagged the riser switch.
14:50	CDF arrived on site. Fire trucks, Air tankers (2), Helicopter and other support vehicles.
14:55	<del>FORAS crews arrived on site and proceeded to fire location, they noticed FORAS crews around RAXF0112, when they arrived they noticed that RAXF0112 appeared to have had an internal fault and oil was seeping out of the radiators. Mike and Roy continued on to riser 0558 where the fire had initially occurred. They found the jumper wire burned off the pothead, they opened, locked, and tagged the riser switch.</del> Radiator ruptured causing oil spill onto ground. Started clean-up with oil boom/absorbent mats. Controlled spill.
15:15	Mike and Roy from GRS met with the Fire Chief to get his approval to close the main breaker and feeders back in. He said to wait for the fire inspector.
17:20	CDF controlled fire. Approximately 120 acres.
16:27	Mike and Roy from GRS arrived at the Ralph Substation and found targets on T2 230 line backup relay, they reset targets, closed in Ralph main breaker and feeders 1, 2, and 6. Operations reports communications with all turbines on feeders 1 and 2.
16:45	Contacted John Gandolfo and Dan Jess to come to site and start removal of contaminated oil.
17:25	Notified California Office of Emergency Services (OES) of spill. 1 (800) 852-7550. Spoke with Bill Pennington, provided all facts concerning spill. Received control #992535.
17:40	Met with Fire Chief Inspector on site to discuss the reason for the fire. Fire Chief gave approval to close Ralph feeder 4.
17:45	Called County of Alameda, Department of Environmental Health, no answer. Left message on recorder stating facts of spill. 510-567-6700
18:00	Completed Hazardous Waste Emergency Incident Report form (HWM 6-2 (3).
18:03	GRS closed Ralph feeder 4. Operations reports communication with all turbines except for those on riser 558. Windspeed 12-39 mph
18:30	Dan Jess arrived @ site with back hoe. Started excavation of contaminated soil onto polyurethane tarp.

**Sequence Of Events Report and Action Plans**Site: RALPH SITE-WP DYER, 4595 DYER ROAD GATE #17Date Of Occurrence: 6/14/99Description Of Event: RALPH TRANSFORMER (RAXF0112) Oil SpillInterconnecting Utility: PG&ETechnician: Paul Smith (FORAS), Tom Ryder (FORAS)Partnership affected: WPP 90, WPP 92**Time Of Occurrence**

Sequence Of Events June 14, 1999	
18:30	GRS and FORAS (Paul Smith) met with the Fire Department. Paul explained that the turbine blade had fallen and struck the transformer radiators causing them to crack. Oil seeping out of the cracks. Transformer loosing oil to the point of excessive heating and eventually faulting.
20:00	Stopped soil excavation work for day.
Sequence Of Events June 15, 1999	
8:35	Called County of Alameda, Department of Environmental Health, left message with Thomas Peacock stating facts of spill, control #992535 issued from (OES) and phone # 1 (925) 443-0235 to return call.
8:50	Contacted Tom Kelley at GRS and requested he send out technicians to locate high-voltage and communication cables underground. Requested GRS to determine if they have a spare 1000 KVA transformer to sell.
13:25	Received call from Thomas Peacock County of Alameda, Department of Environmental Health. Thomas instructed us on requirements for sequence of events report with action plans and Emergency Incident Report (HWM 6-2 (3)). Additionally a check for \$500 made out to County of Alameda must be sent out to cover cost of overseeing spill. County will review report and provide further direction.
14:30	Received call from Larry Seto at County of Alameda, Department of Environmental Health. Larry stated he will be contact person for County of Alameda and will be reviewing our action plan and providing direction.
Sequence Of Events June 16, 1999	
13:45	Called Ken Lewis at Altamont Landfill Resources (Landowner) to notify of spill on property. No contact. Left message.
14:00	Dan Jess continued removal of contaminated soil onto polyurathane tarp.
14:10	Contacted Stan Warner at Contra Costa Electric to come to site and survey damage. Will arrive Friday June 18th at 0800.
14:30	Took soil sample #1 (excavated contaminated soil) to Chromalab for testing per Alameda County requirements (TEPH, oil and grease, PCB's)
15:00	Removed transformer RAXF0112 from foundation and transported to Dyer shop area.
18:30	Dan Jess completed removal of contaminated soil around transformer RAXF0112. Covered soil pile with tarp.

6/22/99

**Sequence Of Events Report and Action Plans**

Site: RALPH SITE-WP DYER, 4595 DYER ROAD GATE #17  
 Date Of Occurrence: 6/14/99  
 Description Of Event: RALPH TRANSFORMER (RAXF0112) Oil Spill  
 Interconnecting Utility: PG&E  
 Technician: Paul Smith (FORAS), Tom Ryder (FORAS)  
 Partnership affected: WPP 90, WPP 92

**Time Of Occurrence**

7:30	Called Ken Lewis at Altamont Landfill Resources (Landowner) to notify of spill on property. No contact. Left message.
8:00	Met with Stan Warner of Contra Costa Electric to survey electrical damage and develop plan for repair. CCE will be on site Monday morning to start repairs.
8:00	Contra Costa Electric on site starting electrical repairs. John Gandolfo on site performing soil excavation for cable repair.
10:30	Took soil samples # 2,3,4,5,6,7 (excavated area) to Chromalab for testing per Alameda County requirements (TEPH, oil and grease, PCB's).
16:30	Faxed Sequence of Events Report and Action Plans to Larry Seto at County of Alameda (510) 337-9335.
6/25/99	Verify through Alameda County, acceptable levels of contamination that can be left in ground at spill site.
6/25/99	Submit Emergency Incident Report (Form HWM 8-2[3]) to DTSC.
6/25/99	Send soil sample test results to Alameda County (Larry Seto) for review and permission to proceed with clean-up.
6/25/99	Identify Waste Disposal facility and transportation method to dispose of contaminated soil.
6/30/99	Complete and submit waste profile to Waste Disposal facility and obtain permission to dispose.
8/30/99	Dispose of contaminated soil at designated Waste Disposal facility.
8/30/99	Backfill and compact excavated area with clean soil.

6/22/99