ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

January 18, 2011

Chris Dreiman
enXco North America
14680 Patterson Pass Road
Tracy, CA 95377

Hugh and Lois Walker TRS
C/o Hugh Walker
P.O. Box 2999
Livermore, CA 94551-2999

Subject: Case Closure for SLIC Case RO0002627 and GeoTracker Global ID T06019781554, Ralph Site-WP Dyer, 4595 Dyer Road, Livermore, CA 94551

Dear Mr. Dreiman and Mr. and Ms. Walker:

This letter confirms the completion of site investigation and remedial actions for the soil and groundwater investigation at the above referenced site. We are also transmitting the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported releases at the subject site with the provision that the information provided to this agency was accurate and representative of existing conditions. The subject Spills, Leaks, Investigation, and Cleanup (SLIC) case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (http://geotracker.swrcb.ca.gov) and the Alameda County Environmental Health website (http://www.acgov.org/aceh/index.htm).

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Residual total oil and grease remains in soil beneath the site at concentrations up to 10,000 parts per million (ppm).

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

Donna L. Drogos, P.E.
LOP and Toxics Program Manager

Enclosure: Case Closure Summary

cc: Cheryl Dizon (QIC 8021), Zone 7 Water Agency, 100 North Canyons Pkwy, Livermore, CA 94551 (*Sent via E-mail to: cdizon@zone7water.com*)

James McCarty, Baseline Environmental Consulting, 5900 Hollis Street, Suite, D, Emeryville, CA 94608 (*Sent via E-mail to: jim@baseline-env.com)*

Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Jerry Wickham, ACEH *(Sent via E-mail to: jerry.wickham@acgov.org*)

Geotracker, File

CASE CLOSURE SUMMARY
SPILLS, LEAKS, INVESTIGATION, AND CLEANUP PROGRAM

I. AGENCY INFORMATION

Date: November 18, 2010

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Ralph Site – WP Dyer		
Site Facility Address: 4595 Dyer Road, Livermore, CA 94551		
RB Case No.: ---	Local Case No.: STID 6640	SLIC Case No.: RO0002627
URF Filing Date: 06/14/1999	Geotracker ID: T06019781554	APN: 99B-6100-2-11

Responsible Parties	Addresses	Phone Numbers
Chris Dreiman enXco North America	14680 Patterson Pass Road Tracy, CA 95377	209-836-1921
Hugh and Lois Walker TRS c/o Hugh Walker	P.O. Box 2999 Livermore, CA 94551-2999	No Phone Number

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
No tanks. Leak occurred from a transformer radiator	400 gallons	Insulating Oil	Transformer was replaced	06/14/1999
Piping			---	---

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: A turbine blade from a wind turbine fell and struck the radiator for a transformer below the wind turbine. The falling turbine blade cracked the radiator allowing an estimated 400 gallons of insulating oil to leak out.	
Site characterization complete? Yes	Date Approved By Oversight Agency: -----

Monitoring wells installed? No	Number: 0	Proper screened interval? NA
Highest GW Depth Below Ground Surface: Based on nearby sites, the depth to groundwater is estimated to be 100 feet bgs.	Lowest Depth: Unknown	Flow Direction: Unknown
Most Sensitive Current Use: Potential Drinking Water Source		

Summary of Production Wells in Vicinity: No water supply wells are located within one mile of the site.	
Are drinking water wells affected? No	Aquifer Name: Bedrock of the Great Valley Sequence
Is surface water affected? No	Nearest SW Name: An unnamed ephemeral stream is approximately 850 feet northeast of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and Livermore-Pleasanton Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/ Destination)	Date
Tanks	---	---	---
Piping	---	---	---
Free Product	---	---	---
Soil	70 cubic yards	70 cubic yards of soil was transported off-site for disposal at the Altamont Landfill in Livermore, CA	June 17, 1999
Groundwater	--	---	---

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments 1 through 6 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	NA	NA	NA	NA
TPH (Diesel)	NA	NA	NA	NA
TPH (Mineral Oil)	23,000(1)	NA	NA	NA
Total Oil and Grease	22,000(2)	10,000(2)	NA	NA
Benzene	NA	NA	NA	NA
Toluene	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA
Xylenes	NA	NA	NA	NA
Metals	NA	NA	NA	NA
MTBE and Other Oxygenates	NA	NA	NA	NA
PCBs	<0.05(3)	<0.05(3)	NA	NA
VOCs or SVOCs (8260 or 8270)	NA	NA	NA	NA

NA = Not Analyzed

1) Total Extractable Petroleum Hydrocarbons as Mineral Oil by EPA Method 8015M.
2) Total Oil & Grease by EPA Method 5520E.
3) PCBs by EPA Method 8080A.

Site History and Description of Corrective Actions:

The site is the area surrounding transformer FAXF0112, which is located in proximity to several wind turbines in an open area of the Altamont Hills. The Altamont Landfill is approximately 900 feet south of the site.

On June 14, 1999, an estimated 400 gallons of insulating oil leaked from a damaged radiator for transformer FAXF0112. The transformer and radiator are located on a concrete pad beneath the wind turbines. The cause of the leak was a falling turbine blade that struck and cracked the radiator. The oil flowed downslope to the east and pooled in a flat area. A backhoe was used to excavate soil beginning on June 14, 1999 until June 17, 1999. Approximately 70 cubic yards of soil was excavated and later transported off-site to Altamont Landfill for disposal. The depth of the excavation ranged from 3.5 feet bgs around the transformer pad to 2 feet bgs to the east.

A soil sample from the excavated soil stockpile contained 23,000 ppm of total extractable petroleum hydrocarbons as mineral oil and 22,000 ppm total oil and grease. PCBs were not detected at concentrations above the reporting limit of 0.05 ppm.

On June 21, 1999, six confirmation soil samples were collected from the excavation. Total oil and grease was detected at concentrations ranging from 96 to 10,000 ppm. PCBs were not detected at concentrations above the reporting limit of 0.05 ppm. The highest concentrations were observed next to the concrete transformer pad where further excavation was not performed to maintain the structural integrity of the concrete pad. Underground high voltage electrical lines present in the immediate area of the transformer pad are also an impediment to further excavation. ACEH approved backfilling of the excavation with clean fill.

The oil used as a coolant for the transformer is a refined mineral oil described as a light napththenic hydrotreated distillate and is reportedly considered to have low toxicity.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: None.		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: NA	Number Decommissioned: 0	Number Retained: 0
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: ---		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

No groundwater samples were collected at the site. Based on the viscous nature and low solubility of the spilled oil, the depth to groundwater, limited extent of the spill, and immediate cleanup activities at the time of the release, groundwater is not expected to be impacted by the transformer oil spill.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment for the multi-story residential and commercial development based upon the information available in our files to date. No further investigation or cleanup is necessary. ACEH staff recommend case closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 12/15/10
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature:	Date: 12/15/10

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Notification Date: 12/15/10	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: NA	Date of Well Decommissioning Report: NA	
All Monitoring Wells Decommissioned: NA	Number Decommissioned: 0	Number Retained: 0
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: NA		
ACEH Concurrence - Signature: Jerry Wickham		Date: 12/15/10

Attachments:
1. Regional Location Map (1 page)
2. Transformer Oil Release Site Map (1 page)
3. Soil Excavation and Sample Locations Map (1 page)
4. Soil Analytical Data (15 pages)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Wednesday, December 15, 2010 3:34 PM
To: Cherie MCcaulou
Subject: Notification of pending closure for RO2627 4595 Dyer Road, Livermore
Attachments: RO2627 Closure Summary 2010-12-15.pdf

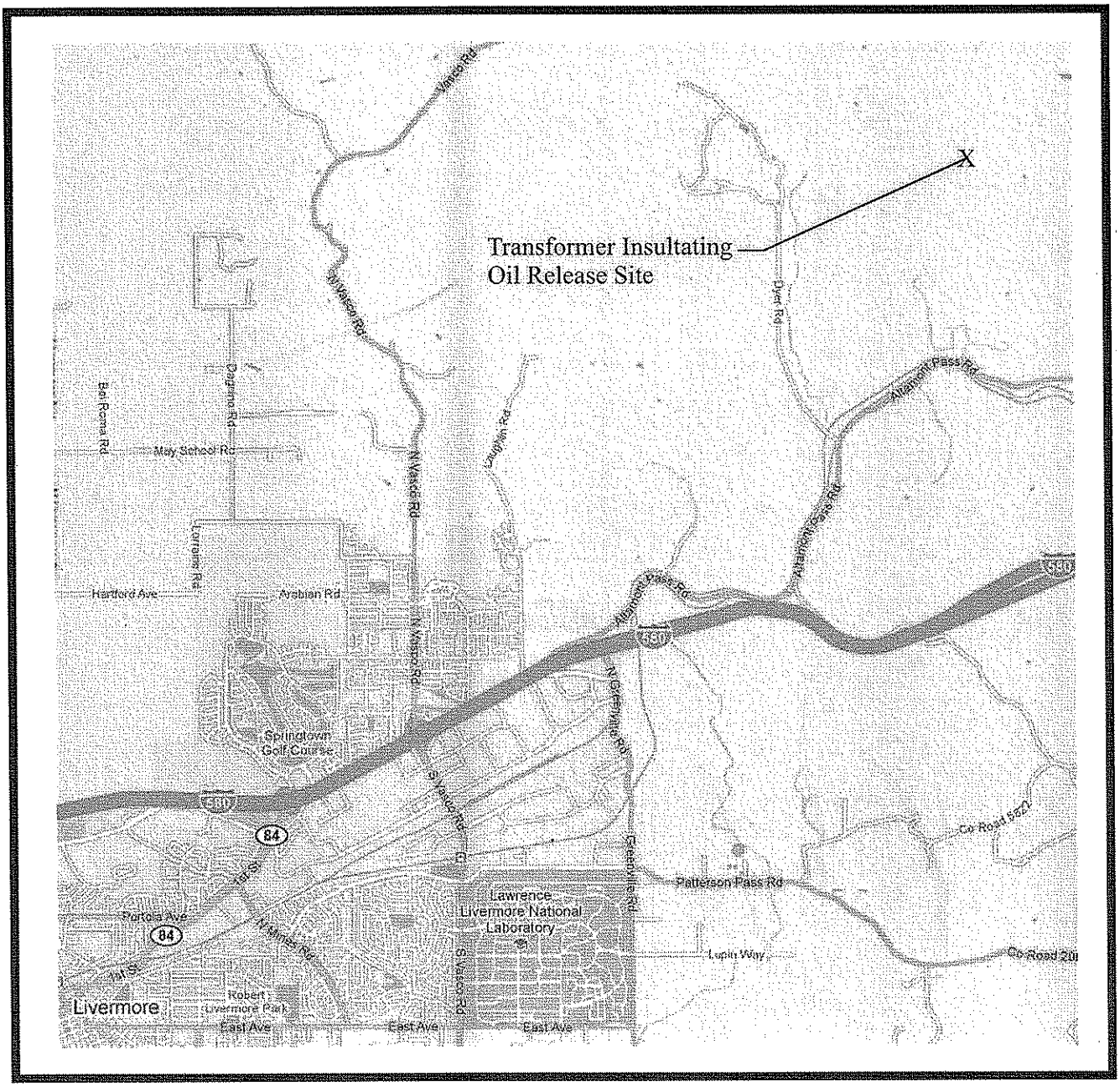
Hi Cherie,

This email provides notification of pending closure for case RO2627, 4595 Dyer Road, Livermore.

Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

REGIONAL LOCATION

Figure 1



Transformer Insulating Oil Release Site
enXco North America
Alameda County, California

0 5,000 Feet

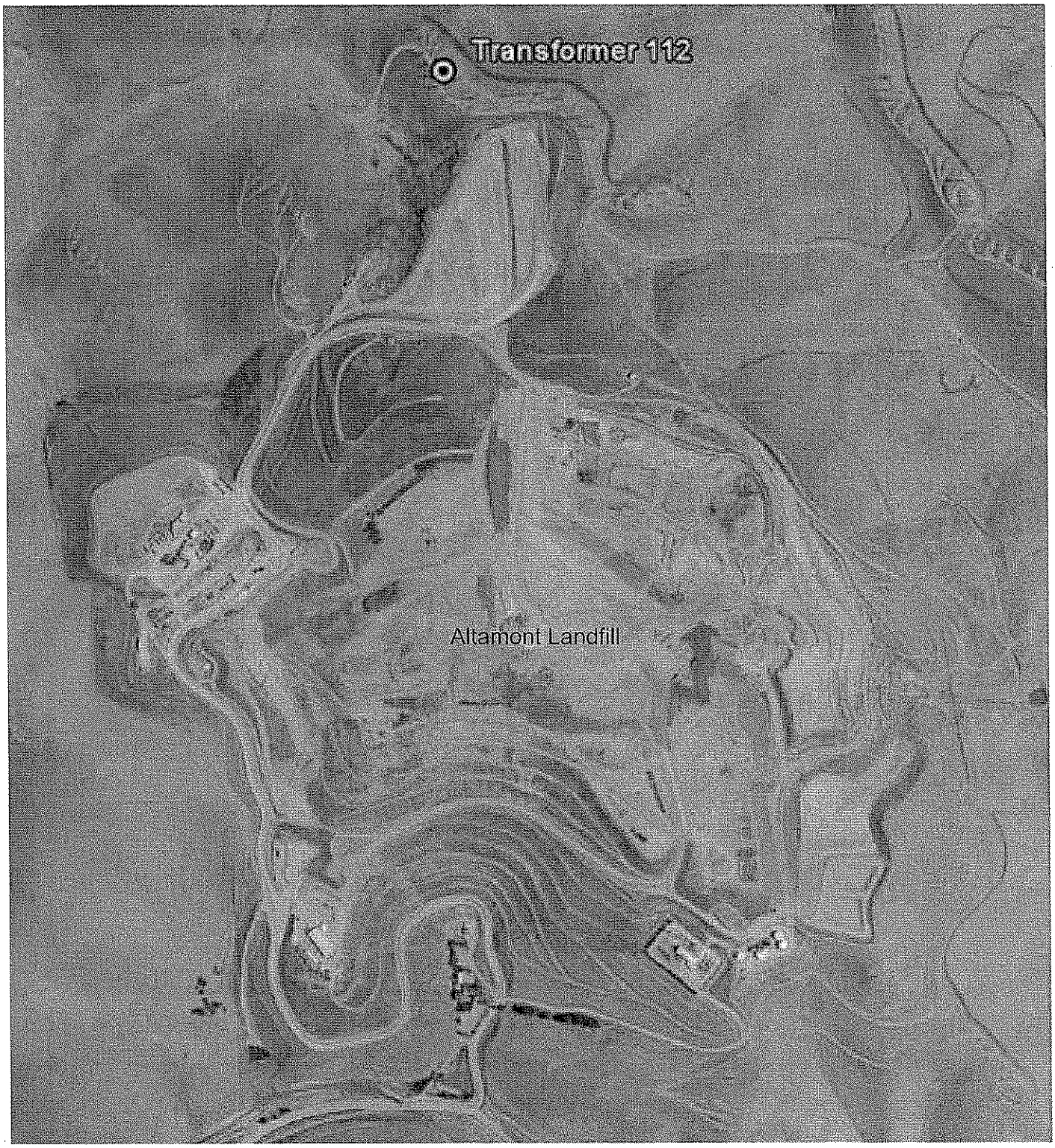
BASELINE

Y9371-00.01346.Fig1.cdr 11/11/09

ATTACHMENT 1

TRANSFORMER OIL RELEASE SITE

Figure 3



Transformer Insulating Oil Release Site
enXco North America
Alameda County, California

Approximate Scale
0 825 Feet

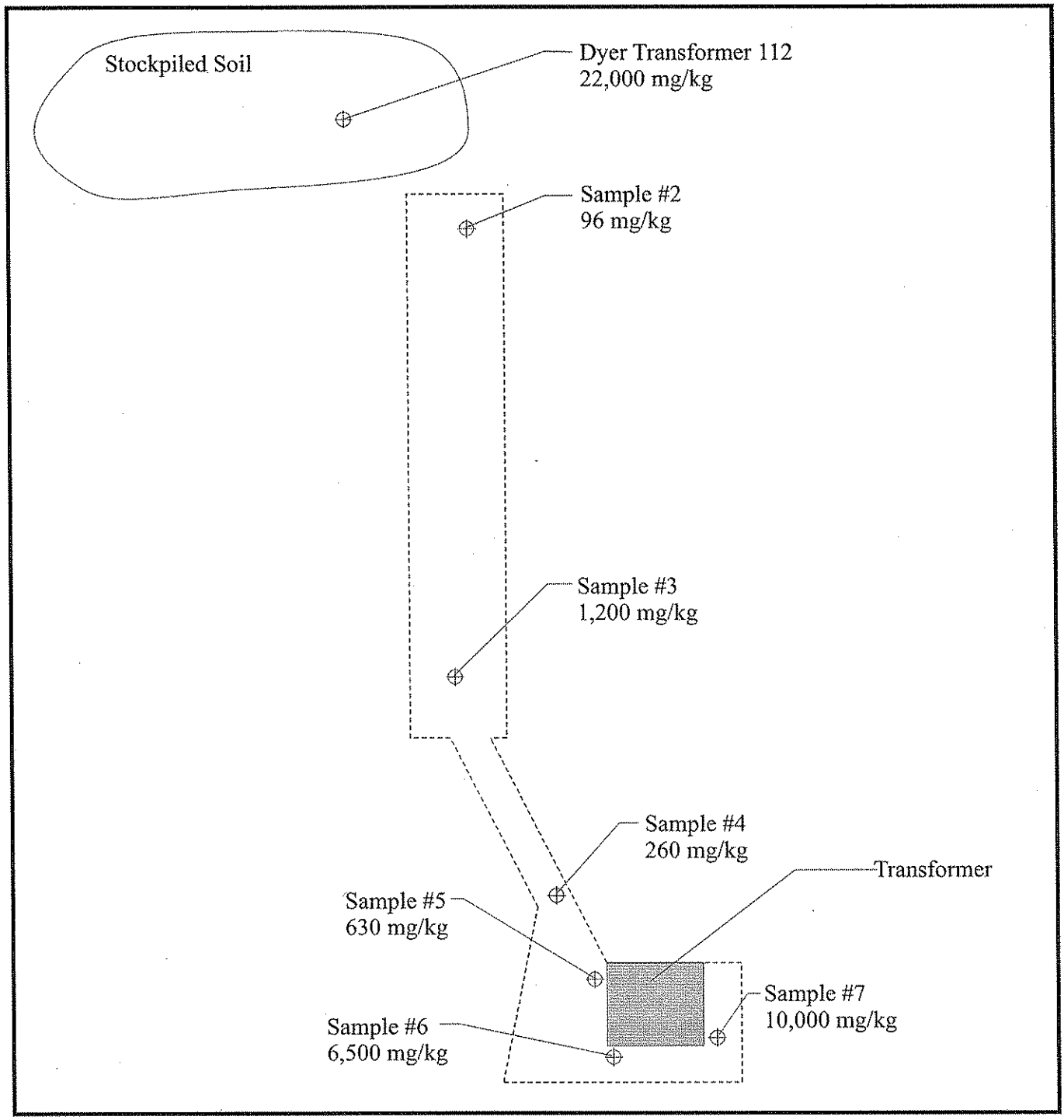
N

BASELINE

Y9371-00.01346.Fig3.cdr 11/11/09

ATTACHMENT 2

SOIL EXCAVATION and SAMPLE LOCATIONS Figure 2



Legend

------- Limits of Excavation

⊕ Sample #3 260 mg/kg — Soil Sample Location; Total oil and grease concentration in milligrams per kilogram

Approximate Scale

0 10 Feet

Transformer Insulating Oil Release Site
enXco North America
Alameda County, California

BASELINE

Y9371-00.01346.Fig2.cdr 11/11/09

ATTACHMENT 3

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-06-0255

To: Foras Service
Attn.: Paul A Smith

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: Dyer Transformer 112
Project: Foras WPP
Sampled: 06/17/1999 14:30
Matrix: Soil

Lab Sample ID: 1999-06-0255-001
Received: 06/17/1999 16:36
Extracted: 06/18/1999 12:01
QC-Batch: 1999/06/18-03.10

Sample/Analysis Flag: sdo (See Legend & Note section)

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Mineral Oil	23000	500	mg/Kg	50.00	06/22/1999 12:52	
Surrogate(s) o-Terphenyl	NA	50-130	mg/Kg	1.00	06/22/1999 12:52	

Discrete sample of contaminated soil

ATTACHMENT 4

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-06-0255

To: Foras Service
Attn.: Paul A Smith

Test Method: 5520 E
Prep Method: 5520 E

Total Oil & Grease

Sample ID:	Dyer Transformer 112	Lab Sample ID:	1999-06-0255-001
Project:	Foras WPP	Received:	06/17/1999 16:36
		Extracted:	06/23/1999
Sampled:	06/17/1999 14:30	QC-Batch:	1999/06/23-01.23
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	22000	50	mg/Kg	1.00	06/24/1999	

Discrete sample of contaminated soil

CHROMALAB, INC.

Environmental Services (SDG)

Submission #: 1999-06-0255

To: **Foras Service**
Attn.: **Paul A Smith**

Test Method: 8080A
Prep Method: 3550/8080A

PCBs

Sample ID: **Dyer Transformer 112**
Project: **Foras WPP**
Sampled: 06/17/1999 14:30
Matrix: Soil

Lab Sample ID: 1999-06-0255-001
Received: 06/17/1999 15:30
Extracted: 06/22/1999 14:45
QC-Batch: 1999/06/22-01.14

Sample/Analysis Flag: . (See Legend & Note section)

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	06/22/1999 20:11	
Aroclor 1221	ND	0.050	mg/Kg	1.00	06/22/1999 20:11	
Aroclor 1232	ND	0.050	mg/Kg	1.00	06/22/1999 20:11	
Aroclor 1242	ND	0.050	mg/Kg	1.00	06/22/1999 20:11	
Aroclor 1248	ND	0.050	mg/Kg	1.00	06/22/1999 20:11	
Aroclor 1254	ND	0.050	mg/Kg	1.00	06/22/1999 20:11	
Aroclor 1260	ND	0.050	mg/Kg	1.00	06/22/1999 20:11	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.5	50-125	%	1.00	06/22/1999 20:11	
Decachlorobiphenyl	105.8	46-142	%	1.00	06/22/1999 20:11	

Discrete sample of contaminated soil

Submission #: 1999-06-0291

CHROMALAB, INC.

Environmental Services (SDB)

To: Foras Service
Attn.: Paul A Smith

Test Method: 5520 E
Prep Method: 5520 E

Total Oil & Grease

Lab Sample ID: 1999-06-0291-001
Sample ID: #2
Received: 06/21/1999 14:15
Project: FORAS WPP-RAXF 0112
Extracted: 06/23/1999
QC-Batch: 1999/06/23-01.23
Sampled: 06/21/1999 10:30
Matrix: Soil

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	96	50	mg/Kg	1.00	06/24/1999	

Submission #: 1999-06-0291

CHROMALAB, INC.

Environmental Services (SDB)

To: Foras Service
Attn.: Paul A Smith

Test Method: 5520 E
Prep Method: 5520 E

Total Oil & Grease

Sample ID: #3
Project: FORAS WPP-RAXF 0112
Sampled: 06/21/1999 10:30
Matrix: Soil

Lab Sample ID: 1999-06-0291-002
Received: 06/21/1999 14:15
Extracted: 06/23/1999
QC-Batch: 1999/06/23-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	1200	50	mg/Kg	1.00	06/24/1999	

Submission #: 1999-06-0281

CHROMALAB, INC.

Environmental Services (SDB)

To: Foras Service
Attn.: Paul A Smith

Test Method: 5520 E
Prep Method: 5520 E

Total Oil & Grease

Sample ID: #4
Project: FORAS WPP-RAXP 0112
Sampled: 06/21/1999 10:00
Matrix: Soil

Lab Sample ID: 1999-06-0281-003
Received: 06/21/1999 14:15
Extracted: 06/23/1999
QC-Batch: 1999/06/23-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	260	50	mg/Kg	1.00	06/24/1999	

Submission #: 1999-06-0291

CHROMALAB, INC.

Environmental Services (SDB)

To: Foras Service
Attn.: Paul A Smith

Test Method: 5520 E
Prep Method: 5520 E

Total Oil & Grease

Sample ID: #5
Project: FORAS WPP-RAXF 0112
Sampled: 06/21/1999 10:45
Matrix: Soil

Lab Sample ID: 1999-06-0291-004
Received: 06/21/1999 14:15
Extracted: 06/23/1999
QC-Batch: 1999/06/23-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	830	50	mg/Kg	1.00	06/24/1999	

Submission #: 1999-06-0291

CHROMALAB, INC.

Environmental Services (SDB)

To: Foras Service
Attn.: Paul A Smith

Test Method: 5520 E
Prep Method: 5520 E

Total Oil & Grease

Sample ID: #6
Project: FORAS WPP-RAXF 0112
Sampled: 06/21/1999 10:45
Matrix: Soil

Lab Sample ID: 1999-06-0291-006
Received: 06/21/1999 14:15
Extracted: 06/23/1999
QC-Batch: 1999/06/23-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	6500	50	mg/Kg	1.00	06/24/1999	

Submission #: 1999-06-0291

CHROMALAB, INC.

Environmental Services (SDB)

To: Foras Service
Attn.: Paul A Smith

Test Method: 5520 E
Prep Method: 5520 E

Total Oil & Grease

Sample ID: 87
Project: FORAS WPP-RAXF 0112
Sampled: 06/21/1999 10:45
Matrix: Soil

Lab Sample ID: 1999-06-0291-008
Received: 06/21/1999 14:15
Extracted: 06/23/1999
QC-Batch: 1999/06/23-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	10000	50	mg/Kg	1.00	06/24/1999	

Submission #: 1999-06-0291

CHROMALAB, INC.

Environmental Services (SDB)

To: Foras Service
Attn.: Paul A Smith

Test Method: 8080A
Prep Method: 3550/8080A

PCBs

Sample ID: #2
Project: FORAS WPP-RAXF 0112
Sampled: 06/21/1999 10:30
Matrix: Soil

Lab Sample ID: 1999-06-0291-001
Received: 06/21/1999 14:15
Extracted: 06/24/1999 15:33
QC-Batch: 1999/06/24-05.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	06/25/1999 16:00	
Aroclor 1221	ND	0.050	mg/Kg	1.00	06/25/1999 16:00	
Aroclor 1232	ND	0.050	mg/Kg	1.00	06/25/1999 16:00	
Aroclor 1242	ND	0.050	mg/Kg	1.00	06/25/1999 16:00	
Aroclor 1248	ND	0.050	mg/Kg	1.00	06/25/1999 16:00	
Aroclor 1254	ND	0.050	mg/Kg	1.00	06/25/1999 16:00	
Aroclor 1260	ND	0.050	mg/Kg	1.00	06/25/1999 16:00	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	107.9	60-125	%	1.00	06/25/1999 16:00	
Decachlorobiphenyl	80.0	46-142	%	1.00	06/25/1999 16:00	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-06-0291

To: Foras Service
Attn.: Paul A Smith

Test Method: 8080A
Prep Method: 3550/8080A

PCBs

Sample ID: #3
Project: FORAS WPP-RAXF 0112
Sampled: 06/21/1999 10:30
Matrix: Soil

Lab Sample ID: 1999-06-0291-002
Received: 06/21/1999 14:15
Extracted: 06/24/1999 15:33
QC-Batch: 1999/06/24-05.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	06/25/1999 16:41	
Aroclor 1221	ND	0.050	mg/Kg	1.00	06/25/1999 16:41	
Aroclor 1232	ND	0.050	mg/Kg	1.00	06/25/1999 16:41	
Aroclor 1242	ND	0.050	mg/Kg	1.00	06/25/1999 16:41	
Aroclor 1248	ND	0.050	mg/Kg	1.00	06/25/1999 16:41	
Aroclor 1254	ND	0.050	mg/Kg	1.00	06/25/1999 16:41	
Aroclor 1260	ND	0.050	mg/Kg	1.00	06/25/1999 16:41	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	79.1	50-125	%	1.00	06/25/1999 16:41	
Decachlorobiphenyl	90.2	45-142	%	1.00	06/25/1999 16:41	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-06-0291

To: Foras Service
Attn.: Paul A Smith

Test Method: 8080A
Prep Method: 3550/8080A

PCBs

Sample ID: #4
Project: FORAS WPP-RAXF 0112
Sampled: 06/21/1999 10:00
Matrix: Soil

Lab Sample ID: 1999-06-0291-003
Received: 06/21/1999 14:15
Extracted: 06/24/1999 15:33
QC-Batch: 1999/06/24-05.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	06/25/1999 17:15	
Aroclor 1221	ND	0.050	mg/Kg	1.00	06/25/1999 17:15	
Aroclor 1232	ND	0.050	mg/Kg	1.00	06/25/1999 17:15	
Aroclor 1242	ND	0.050	mg/Kg	1.00	06/25/1999 17:15	
Aroclor 1248	ND	0.050	mg/Kg	1.00	06/25/1999 17:15	
Aroclor 1254	ND	0.050	mg/Kg	1.00	06/25/1999 17:15	
Aroclor 1260	ND	0.050	mg/Kg	1.00	06/25/1999 17:15	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.3	50-125	%	1.00	06/25/1999 17:15	
Decachlorobiphenyl	84.0	46-142	%	1.00	06/25/1999 17:15	

CHROMALAB, INC.

Environmental Services (SDS)

Submission #: 1999-06-0291

To: **Foras Service**
Attn.: Paul A Smith

Test Method: 8080A
Prep Method: 3550/8080A

PCBs

Sample ID: #5
Project: FORAS WPP-RAXF 0112
Sampled: 06/21/1999 10:45
Matrix: Soil

Lab Sample ID: 1999-06-0291-004
Received: 06/21/1999 14:15
Extracted: 06/24/1999 15:33
QC-Batch: 1999/06/24-05.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	06/25/1999 15:29	
Aroclor 1221	ND	0.050	mg/Kg	1.00	06/25/1999 15:29	
Aroclor 1232	ND	0.050	mg/Kg	1.00	06/25/1999 15:29	
Aroclor 1242	ND	0.050	mg/Kg	1.00	06/25/1999 15:29	
Aroclor 1248	ND	0.050	mg/Kg	1.00	06/25/1999 15:29	
Aroclor 1254	ND	0.050	mg/Kg	1.00	06/25/1999 15:29	
Aroclor 1260	ND	0.050	mg/Kg	1.00	06/25/1999 15:29	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	111.4	50-125	%	1.00	06/25/1999 15:29	
Decachlorobiphenyl	134.4	46-142	%	1.00	06/25/1999 15:29	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-06-0291

To: Foras Service
Attn.: Paul A Smith

Test Method: 8080A
Prep Method: 3550/8080A

PCBs

Sample ID: #6
Project: FORAS WPP-RAXF 0112
Sampled: 06/21/1999 10:45
Matrix: Soil

Lab Sample ID: 1999-06-0291-008
Received: 06/21/1999 14:15
Extracted: 06/24/1999 15:33
QC-Batch: 1999/06/24-05.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	06/25/1999 17:48	
Aroclor 1221	ND	0.050	mg/Kg	1.00	06/25/1999 17:48	
Aroclor 1232	ND	0.050	mg/Kg	1.00	06/25/1999 17:48	
Aroclor 1242	ND	0.050	mg/Kg	1.00	06/25/1999 17:48	
Aroclor 1248	ND	0.050	mg/Kg	1.00	06/25/1999 17:48	
Aroclor 1254	ND	0.050	mg/Kg	1.00	06/25/1999 17:48	
Aroclor 1260	ND	0.050	mg/Kg	1.00	06/25/1999 17:48	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	119.0	60-125	%	1.00	06/25/1999 17:48	
Decachlorobiphenyl	101.6	46-142	%	1.00	06/25/1999 17:48	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-06-0291

To: **Foras Service**
Attn.: Paul A Smith

Test Method: 8080A
Prep Method: 3550/8080A

PCBs

Sample ID: #7
Project: FORAS WPP-RAXF.0112
Sampled: 06/21/1999 10:45
Matrix: Soil

Lab Sample ID: 1999-06-0291-008
Received: 06/21/1999 14:15
Extracted: 06/24/1999 15:33
QC-Batch: 1999/06/24-05.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	06/25/1999 19:22	
Aroclor 1221	ND	0.050	mg/Kg	1.00	06/25/1999 19:22	
Aroclor 1232	ND	0.050	mg/Kg	1.00	06/25/1999 19:22	
Aroclor 1242	ND	0.050	mg/Kg	1.00	06/25/1999 19:22	
Aroclor 1248	ND	0.050	mg/Kg	1.00	06/25/1999 19:22	
Aroclor 1254	ND	0.050	mg/Kg	1.00	06/25/1999 19:22	
Aroclor 1260	ND	0.050	mg/Kg	1.00	06/25/1999 19:22	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	68.5	50-125	%	1.00	06/25/1999 19:22	
Decachlorobiphenyl	436.0	46-142	%	1.00	06/25/1999 19:22	*