

Erler & Kalinowski, Inc.

Consulting Engineers and Scientists

1730 So. Amphlett Blvd., Suite 320
San Mateo, California 94402

(415) 578-1172
Fax (415) 578-9131

FACSIMILE TRANSMISSION COVER SHEET

PLEASE DELIVER IMMEDIATELY

HARD COPY IN THE MAIL

DATE: 5/22/96 FROM: Andy Safford

TO: Barney Chan PROJECT: 4200 Alameda Avenue

FIRM NAME: Alameda County Health PROJECT NO: 930040.00

TELECOPIER NUMBER OF ADDRESSEE: (510) 337-9335

TOTAL NUMBER OF PAGES TRANSMITTED W/COVER SHEET: 13

REPORT

AS REQUESTED

LETTER/MEMORANDUM

FOR APPROVAL

SPECIFICATIONS:

FOR REVIEW & COMMENTS

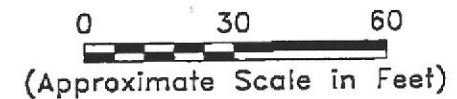
OTHER:

FOR INFORMATION & COORDINATION

DESCRIPTION: _____

REMARKS: Barney -- Please find attached the analytical data for the sample collected from Stockpile No. 2. The location of this stockpile is shown on the attached figure. Comparison of these data with previous sampling results indicates there is no appreciable difference between Stockpile No. 2 and other soil at the site. The estimated volume of Stockpile No. 2 is 70 to 80 cubic yards. After you have reviewed the attached information, please confirm with me your approval to allow Stockpile No. 2 to be spread on-site.

FOR VOICE CONTACT CALL: (415) 578-1172
FOR RETURN FACSIMILE CALL: (415) 578-9131



LEGEND

- Site Boundary
- ⊕ Monitoring Well
- ⊙ Soil Sample Location
- Approximate Limits of Underground Tank Excavations

Notes:

1. All locations are approximate.
2. The 4,500 gallon oily water tank still remains on-site. A soil sample will be collected from the excavation when this tank is removed in the near future.

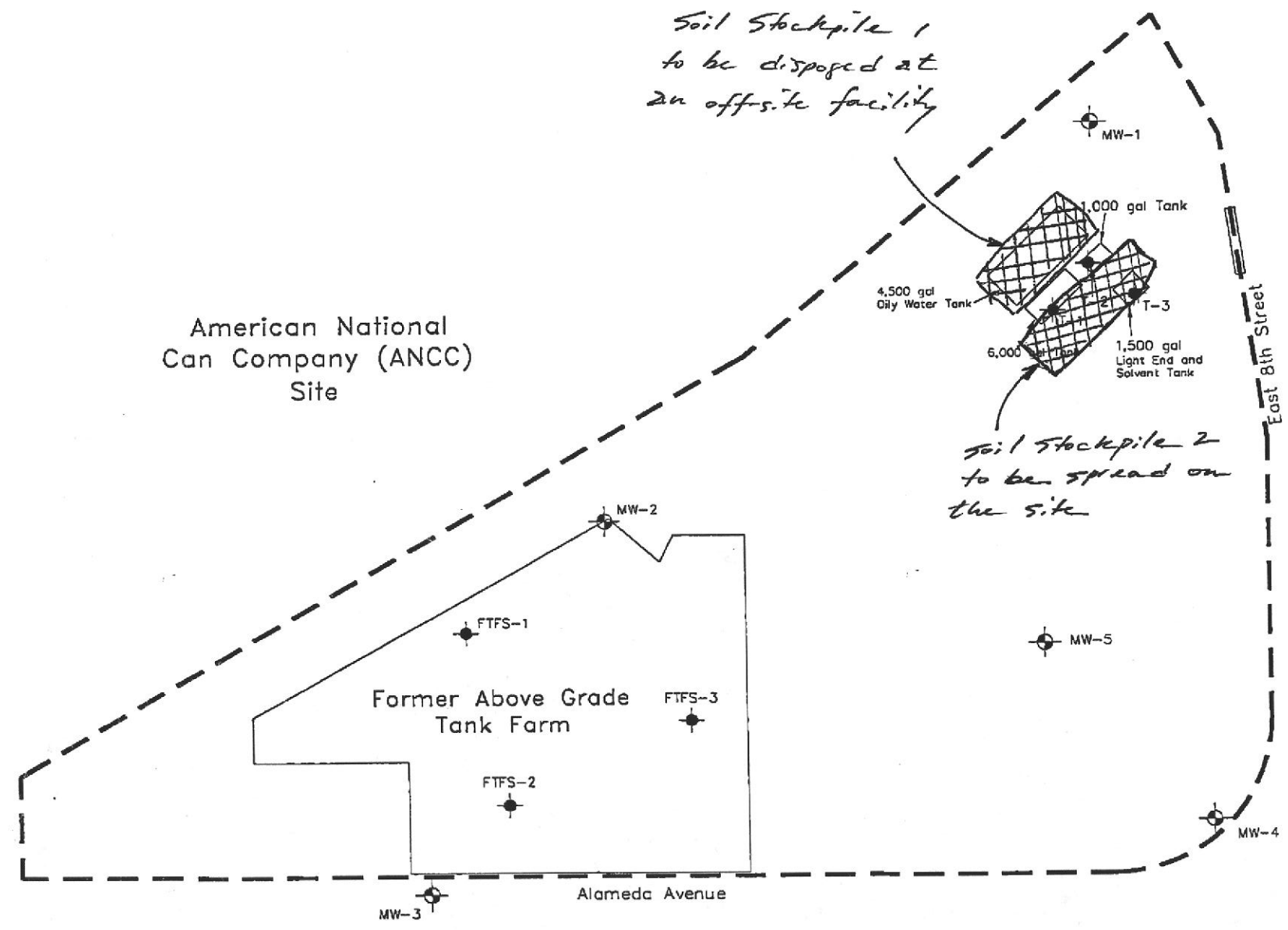
Erler & Kalinowski, Inc.

Locations of Soil Samples
 Collected During
 Demolition Activities
 4200 Alameda Avenue
 Oakland, CA
 May 1996
 EKI 930040.00
 Figure 1

American National
Can Company (ANCC)
Site

*Soil Stockpile 1
to be disposed at
an off-site facility*

*Soil Stockpile 2
to be spread on
the site*



EKOTEX

930040.00

~~DAT~~

STOCKPILE #2

7'-8' HIGH X 7' WIDE X 35' LONG

$$8' \times 7' \times 35' = 1,960 \text{ CF} \times \frac{1 \text{ CY}}{27 \text{ CF}} = 73 \text{ CY}$$

SAY 70-80 CY

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS





Sequoia Analytical

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Erler & Kalinowski, Inc. 1730 South Amphlett, Ste 320 San Mateo, CA 94402	Client Proj. ID: 930040.00/Ekotech Sample Descript: 2SPA Matrix: SOLID Analysis Method: EPA 8080 Lab Number: 9605498-01	Sampled: 05/07/96 Received: 05/07/96 Extracted: 05/10/96 Analyzed: 05/16/96 Reported: 05/20/96
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COC Number:

QC Batch Number: GC0506960PCBEXA

Instrument ID: GCHP12

Polychlorinated Biphenyls (EPA 8080)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
PCB-1016	200	N.D.
PCB-1221	800	N.D.
PCB-1232	200	N.D.
PCB-1242	200	490
PCB-1248	200	N.D.
PCB-1254	200	480
PCB-1260	200	820
Surrogates	Control Limits %	% Recovery
Dibutylchlorendate	30 150	41

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL • ELAP #1210


Todd Olive
Project Manager





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Erler & Kalinowski, Inc. 1730 South Amphlett, Ste 320 San Mateo, CA 94402	Client Proj. ID: 930040.00/Ekotek Sample Descript: 2SPA Matrix: SOLID Analysis Method: EPA 8015 Mod Lab Number: 9605498-01	Sampled: 05/07/96 Received: 05/07/96 Extracted: 05/10/96 Analyzed: 05/13/96 Reported: 05/20/96
Attention: Andy Safford		

COC Number:

QC Batch Number: GC0510960HBPEXA

Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel Chromatogram Pattern: Unidentified HC	250	4600 C9-C24
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 0 Q

Analytes reported as N.D. were not present above the stated limit of detection.

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Erler & Kalinowski, Inc. 1730 South Amphlett, Ste 320 San Mateo, CA 94402	Client Proj. ID: 930040.00/Ekotec Sample Descript: 28PA Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9605498-01	Sampled: 05/07/96 Received: 05/07/96 Extracted: 05/10/96 Analyzed: 05/10/96 Reported: 05/20/96
Attention: Andy Safford		

COC Number:

QC Batch Number: GCD51096BTEXEXB

Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	25	140
Benzene	0.12	N.D.
Toluene	0.12	0.17
Ethyl Benzene	0.12	0.23
Xylenes (Total)	0.12	1.4
Chromatogram Pattern: Weathered Gas		C8-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	88

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Client Proj. ID: 930040.00/Ekatek
Sample Descript: 2SPA
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9605498-01

Sampled: 05/07/96
Received: 05/07/96
Extracted: 05/10/96
Analyzed: 05/13/96
Reported: 05/20/96

Attention: Andy Safford

COC Number:
QC Batch Number: GC0510960HBPEXA

Instrument ID: GCHP5B

Fuel Fingerprint : Motor Oil

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
Extractable HC as Motor Oil Chromatogram Pattern:	2500	14,000 Motor Oil
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 0 Q

Analytes reported as N.D. were not present above the stated limit of detection.

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1730 South Amphlett, Ste 320
San Mateo, CA 94402

Client Proj. ID: 930040.00/Ekotek
Sample Descript: Method Blank
Matrix: SOLID
Analysis Method: EPA 8080
Lab Number: 8605498-02

Sampled:
Received: 05/07/96
Extracted: 05/10/96
Analyzed: 05/15/96
Reported: 05/20/96

Attention: Andy Safford

COC Number:

QC Batch Number: GC0506960PCBEXA

Instrument ID: GCHP12

Polychlorinated Biphenyls (EPA 8080)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
PCB-1016	20	N.D.
PCB-1221	80	N.D.
PCB-1232	20	N.D.
PCB-1242	20	N.D.
PCB-1248	20	N.D.
PCB-1254	20	N.D.
PCB-1260	20	N.D.
Surrogates	Control Limits %	% Recovery
Dibutylchloroendate	30 150	67

Analytes reported as N.D. were not present above the stated limit of detection.

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Client Proj. ID: 930040.00/Ekotech
Sample Descript: Method Blank
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9605498-02

Sampled:
Received: 05/07/96
Extracted: 05/10/96
Analyzed: 05/11/96
Reported: 05/20/96

Attention: Andy Safford

COC Number:

QC Batch Number: GC0510960HBPEXA

Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel Chromatogram Pattern:	1.0	N.D.
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	80

Analytes reported as N.D. were not present above the stated limit of detection.

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Attention: Andy Safford		

COC Number:
QC Batch Number: GC0510960HBPEXA

Instrument ID: GCHP5B

Fuel Fingerprint : Motor Oil

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
Extractable HC as Motor Oil Chromatogram Pattern:	10	N.D.
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	80

Analytes reported as N.D. were not present above the stated limit of detection.

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San Mateo, CA 94402

Client Proj. ID: 930040.00/Ekotec
Sample Descript: Method Blank
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9605498-02

Sampled:
Received: 05/07/96
Extracted: 05/10/96
Analyzed: 05/10/96
Reported: 05/20/96

Attention: Andy Safford

COC Number:

QC Batch Number: GC051096BTEXEXB


Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	88

Analytes reported as N.D. were not present above the stated limit of detection.

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Erler & Kalinowski, Inc. 1730 South Amphlett, Ste 320 San Mateo, CA 94402 Attention: Andy Safford	Client Proj. ID: 930040.00/Ekotek Lab Proj. ID: 9605498	Received: 05/07/96 Reported: 05/20/96
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LABORATORY NARRATIVE

TEPH Note: Q= Surrogate was diluted out.

SEQUOIA ANALYTICAL

Todd Olive
Project Manager



CHAIN-OF CUSTODY / SAMPLE ANALYSIS REQUEST

Erler & Kalinowski, Inc.

Analytical Laboratory: SEQUOIA

Project Number: EKI 930040.00

Date Sampled: 5/7/96

Project Name: EXOTEK

Sampled By: DAH

Source of Samples: STOCKPILE #2

Report Results To: ANDY SAFFORD

Location: 4200 ALAMEDA AVE

Phone Number: 415) 578-1172

9605498

Lab Sample I D	Field Sample I D	Sample Type	Number and Type of Containers	Time Collected	Analyses Requested (EPA Method Number)	Results Required By (Date/Time)
	2SPA	SOIL	1-AMBER BOTTLE	0815	SEE SPECIAL INSTRUCTIONS	5 WORKING DAYS

Special Instructions: PCBS ONLY EPA METHOD 8080, TPPH w/BTEX EPA METHOD 8015, FUEL FINGER PRINT AS DIESEL, MOTOR OIL, ~~WATER, ACETONE, GASOLINE~~

Relinquished By:			Received By:		
Name / Signature / Affiliation	Date	Time	Name / Signature / Affiliation	Date	Time
DEBORAH HART / Deborah Hart / EKI	5/7/96	0945	Ben Hsieh / Ben Hsieh / EKI		
Ben Hsieh / Ben Hsieh / EKI	5/7/96	10:12	Tony McMahon / Tony McMahon / SEQUOIA		