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FINAL CLOSURE PLAN FOR UNDERGROUND STORAGE
TANK REMOVAL

January 15, 1991

for
Damele Property
4401 Market St.
Oakland, California 94608-3423
contact person:
Mrs. J. Damele
415-531-0778

property owner:

Mr. and Mrs. C. Damele
3750 Victor Ave.
Oakland, California 94619

primary contact / project manager:

W. A. Craig, Inc.

Contractor:
W. A. Craig, Inc.
P. O. Box 448
Napa, California 94559
415-525-2780

contact person: W. A. Craig, II

Contractor License: 455752 A, B, and Hazardous Materials
(copies attached)

workmans compensation: PC 992397 (exp. date May 20, 1991)
(copies attached)

TANK REMOVAL INFORMATION

Date: June 22, 1990

Reason for removal: Tanks were no longer in use.

Tank Transporter: H and H Environmental Service, Inc.
220 China Basin
San Francisco, Ca. 941087
CAD 003754

Disposal of tanks: Tanks shipped to:
H and H Environmental Service, Inc.
220 China Basin
San Francisco, Ca. 941087
CAD 003754

Soil/water sample processing: Soil samples were analyzed by:
Anametrix, Inc.
Environmental and Analytical Chemistry
1961 Concourse Dr., Suite E
San Jose, California 95131
(note: sample processing and associated method
preparation numbers are noted on the lab results which
are attached.)

Location of the tanks: A map is attached which shows the location
of the tanks and associated underground piping as well as, streets,
north direction, scale, and buildings on site.

Sampling: please note the attached report by Environmental Bio-
Systems, Inc.

Sampling methodology: please note the attached report by
Environmental Bio-Systems, Inc.

Disposal of stockpiles: Upon receiving the sample results, W. A.
Craig, Inc. consulted with Mr. Dennis Byrne of the Alameda County
Department of Environmental Health Hazardous Materials Division,
and it was agreed that based on the soil sample results the

stockpiled material could be returned to the respective pits from which it had been removed.

SPECIFIC INFORMATION REGARDING THE TANKS

please attached report by Environmental Bio-Systems, Inc.

CONCLUSIONS AND RECOMMENDATIONS:

On the basis of the soil sample results, it can be concluded that the pits can be closed, but that due to the levels of contaminants in the soil the instalation of one or more ground-water monitoring wells at this location is recommended. These monitoring wells would provide the means to monitor and to evaluate the ground-water quality and direction of flow beneath the site. The monitoring program would be in accordance with the guidelines established by the SFRWQCB.

I Declare under penalty of perjury that the foregoing information is true and correct.

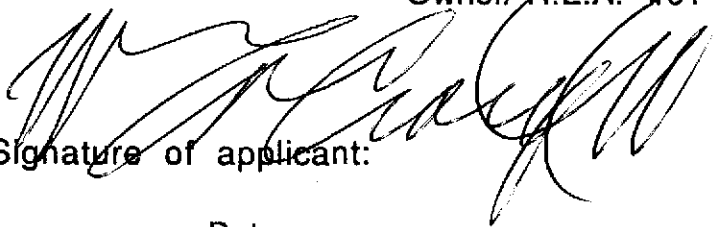
Executed this day of January 15,1991

Nature of Business: Industrial and Environmental Construction

Name of Business W. A. Craig, Inc.
Address of Business: P. O. Box 448,
Napa, California 94559

Printed name and title of applicant:

W. A. Craig, II
Owner/ R.E.A. #01414 (exp. 6-1991)

Signature of applicant: 

Date: 1-18-91



ENVIRONMENTAL BIO-SYSTEMS, INC.

Innovative Solutions for a Better Environment

July 26, 1990

W. A. Craig, Inc.
P.O. Box 448
Napa, CA 94559

Attention: Bill Craig

The following documentation concerns the initial tank removal sampling and assessment performed by Environmental Bio-Systems, Inc. (EBS), for W.A. Craig, Inc. on ~~June 22, 1990~~ at:

**DAMELE PROPERTY
4401 MARKET STREET
OAKLAND, CALIFORNIA**

EBS was retained by W. A. Craig, Inc. to perform the following services:

- collect samples from beneath underground storage tanks (UST's) as indicated by the local implementing agency representative.
- transport all samples to a certified analytical laboratory for analysis.
- provide a written summary of observations, procedures, and analytical results including a diagram of sampling locations.

On the above specified date, ~~one 1,000~~ **one 1,000** gallon, and ~~three 500~~ **three 500** gallon gasoline tanks were removed. Subsequent sampling of the soil surrounding the tank was performed in accordance with the specifications of Inspector Dennis Byrne of the Alameda County Department of Environmental Health.

VISUAL OBSERVATIONS

Tank A (500 gallon) was constructed of single walled steel. The entire surface of the tank was rusted. Three holes ranging from .5 to 1.0 inches in diameter were noted on the top of the tank (at fill end and in center of tank). ~~Slight hydrocarbon staining and a strong hydrocarbon odor were noted in the backfill and native soil near the non-fill end of the tank.~~

Tank B (500 gallon) was constructed of single walled steel. The entire surface of the tank was rusted. A single hole, approximately .75 inches in diameter, was noted near the bottom of the non-fill end of the tank. Moderate hydrocarbon staining and a strong hydrocarbon odor were noted in the backfill and native soil near the non-fill end of the tank.

7/26/90

W.A. CRAIG, INC. @
DAMELE PROPERTY
OAKLAND, CALIFORNIA

Tank C (500 gallon) was constructed of single walled steel. The entire surface of the tank was rusted and some areas of pitting were noted. A single hole, approximately .25 inches in diameter, was noted near the bottom of the fill end of the tank. A slight hydrocarbon odor was noted in the backfill and native soil near the non-fill end of the tank.

Tank D (1,000 gallon) was constructed of single walled steel. Approximately 25% of the surface of the tank was rusted. A split seam, approximately 3.0 inches in length, was noted near the top of the fill end of the tank. Heavy hydrocarbon staining and a strong hydrocarbon odor were noted in the backfill and native soil beneath the tank.

SAMPLING

At the request of Inspector Byrne, **one soil sample was collected from approximately two feet below the centers of tanks A, B, and C, and either end of tank D.**

Two composite soil samples consisting of **four brass tubes each were collected from the stockpiled material generated during tank removal and additional soil excavation operations.**

The following discussion of sample locations and depths corresponds to the enclosed sampling diagram. For a detailed description of the sampling protocols used, see the sampling methodology section of this document.

Composite soil sample **#S1A-D** was collected from the stockpiled material (approximately 50 cubic yards) which was generated during the removal of tanks A and B.

Sample #S2 was taken beneath the center of tank B at a depth of 8.5 feet.

Sample #S3 was taken beneath the center of tank C at a depth of 7.5 feet.

Sample #S4 was taken beneath the non-fill end of tank D at a depth of 8.0 feet.

Sample #S5 was taken beneath the fill end of tank D at a depth of 8.0 feet.

Sample #S6 was taken beneath the center of tank A at a depth of 8.5 feet.

Composite soil sample **#S7A-D** was collected from the stockpiled material (approximately 50 cubic yards) which was generated during the excavation of tanks C and D and during additional excavation of soil from beneath the fill ends of tanks A and B.

Sample #S was taken beneath the fill ends of tanks A and B at a depth of 15.0 feet.

7/26/90

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OAKLAND, CALIFORNIA

SAMPLING METHODOLOGY

Composite soil samples were collected in accordance with Bay Area Air Quality Management Guidelines.

Individual soil samples were removed from the tank pit in a backhoe bucket. After removing the first 3 to 4 inches of soil just above the teeth of the bucket, presumably slough, the samples were contained by driving clean brass tubes (1.92" x 6") into the exposed layer of soil. Soil was packed into the tubes to eliminate the possibility of headspace within the sample container. Thus prepared, the ends of the tubes were wrapped with aluminum foil and sealed with plastic caps. After removing excess foil, electrical tape was applied to the seams between cap and tube in an effort to reduce the evaporative loss of volatile constituents.

The samples were placed in a cooler on ice and transported under chain of custody documentation to Anametrix, Inc., a certified hazardous materials testing laboratory (HMLT # 151).

Analytical methods used by Anametrix, Inc. were consistent with current guidelines set forth by the San Francisco Regional Water Quality Control Board (SFRWQCB).

SAMPLE ANALYSIS

All samples were analyzed for total petroleum hydrocarbons (TPH) calculated as gasoline, benzene, toluene, ethylbenzene, and xylenes (BTEX).

RESULTS

The certified analytical report indicating the results of sample analyses has been attached to this report.

Soil sample #S1A-D was found to contain TPH as gasoline at a concentration of ~~98 parts~~ per million (ppm), benzene at 0.22 ppm, toluene at 0.37 ppm, ethylbenzene at 0.38 ppm, and xylenes at 1.1 ppm.

Soil sample #S2 was found to contain TPH as gasoline at a concentration of 360 ppm, benzene at 0.99 ppm, toluene at 12 ppm, ethylbenzene at 9.5 ppm, and xylenes at 53 ppm.

Soil sample #S3 was found to contain TPH as gasoline at a concentration of 160 ppm, benzene at 1.2 ppm, toluene at 2.5 ppm, ethylbenzene at 2.8 ppm, and xylenes at 13 ppm.

Soil sample #S4 was found to contain TPH as gasoline at a concentration of 210 ppm, benzene at 3.3 ppm, toluene at 9.4 ppm, ethylbenzene at 7.6 ppm, and xylenes at 32 ppm.

Soil sample #S5 was found to contain TPH as gasoline at a concentration of 870 ppm, benzene at 3.2 ppm, toluene at 24 ppm, ethylbenzene at 20 ppm, and xylenes at 110 ppm.

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Soil sample #36 was found to contain TPH as gasoline at a concentration of 122 ppm, benzene at 5 ppm, toluene at 24 ppm, ethylbenzene at 26 ppm, and xylenes at 13 ppm. Soil sample #7A-D was found to contain TPH as gasoline at a concentration of 122 ppm, benzene at 0.2 ppm, toluene at 1.3 ppm, ethylbenzene at 1.8 ppm, and xylenes at 13 ppm.

Soil sample #33 was found to contain TPH as gasoline at a concentration of 122 ppm, benzene at 3.7 ppm, toluene at 14 ppm, ethylbenzene at 7.1 ppm, and xylenes at 33 ppm.

RECOMMENDATIONS

The State Water Resources Control Board document, Leaking Underground Fuel Tank Field Manual (LUFT), supported by the SFRWQCB, defines acceptable limits and appropriate actions in dealing with tank removal and associated contamination.

The presence of fuel hydrocarbons in excess of 100 ppm in samples collected beneath all four tanks necessitates further investigation. Such investigatory actions should include additional excavation of the tank pit to determine the vertical and lateral extent of hydrocarbon contamination in excess of 100 ppm in the native soil surrounding the tank. Excavation of soils containing concentrations of hydrocarbons in excess of 100 ppm, if feasible, should be performed until certified laboratory analysis confirms that acceptable levels have been attained.

In accordance with the LUFT manual, required groundwater investigatory actions should include the installation of at least one groundwater monitoring well within ten feet of the former tank pit for the collection of groundwater quality data. Also in accordance with LUFT guidelines, a determination of the direction of groundwater gradient must be accomplished. To satisfy this requirement two additional groundwater reference points would be necessary. Consequently, two additional wells would need to be installed. It is acceptable to use a previously installed well on an adjacent property (if any exist) that has been properly screened as reference point, in lieu of requiring the installation of additional wells.

Analytical results for sample #7A-D (composite sample from stockpile) indicate that this material contains concentrations of hydrocarbons which are within acceptable limits for class III landfill disposal. Therefore, this material can be hauled to an accepting class III landfill for final disposition.

Composite sample #7A-D contains concentrations of hydrocarbons which exceed acceptable limits for disposal at a class III landfill. Consequently, appropriate actions include disposal of this material at a class I hazardous materials landfill, disposal at an accepting class II landfill, or on site treatment using acceptable aeration methods in accordance with regulatory specifications, until residual levels of hydrocarbons have been diminished to acceptable levels for class III landfill disposal.

7/26/90

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OAKLAND, CALIFORNIA

REPORTAGE

Copies of the sampling report, the chain of custody, and the certified analytical report should be submitted to the Regional Water Quality Control Board and the Alameda County Department of Environmental Health.

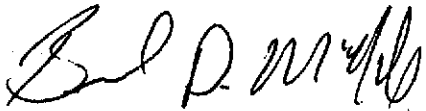
The following addresses have been listed for your convenience:

Water Quality Control Board
San Francisco Bay Region
1111 Jackson Street
Room 6040
Oakland, CA 94607
Attention: Fuel Leaks Division

County of Alameda
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, CA 94621
ATTN: Dennis Byrne

If you have any questions, or if I may be of further service please contact me at (415) 429-9988.

Sincerely,
ENVIRONMENTAL BIO-SYSTEMS, INC.



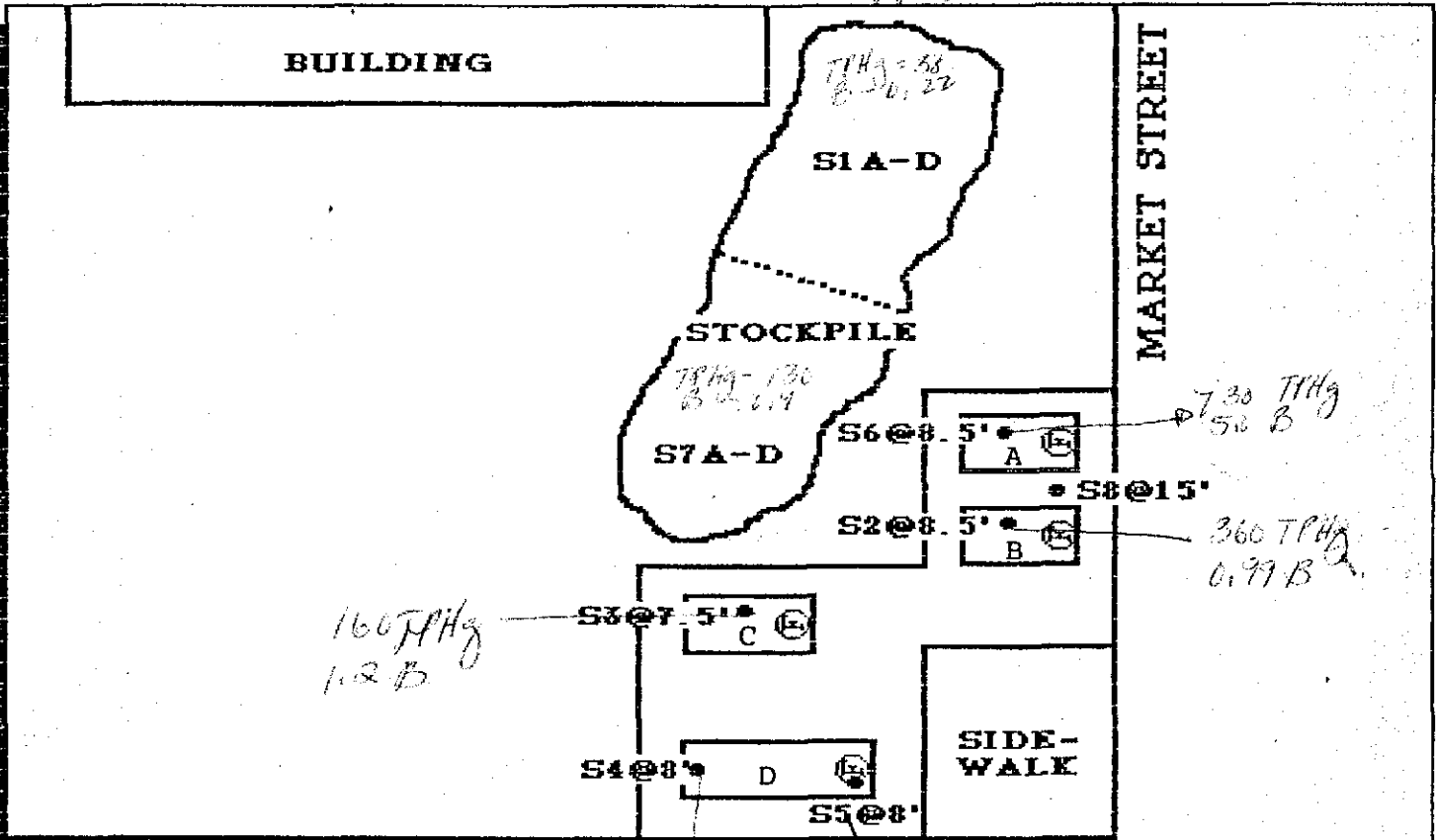
Brenda D. McNabb
Project Manager



Timothy M. Babcock
Environmental Scientist

BDM/so

(KPM)



BUILDING

S1 A-D

STOCKPILE

S7 A-D

S6 @ 8' 5"

A

S2 @ 8' 5"

B

S3 @ 7' 5" C

S4 @ 8' D

S5 @ 8'

SIDE-WALK

MARKET STREET

44th STREET

TPH = 38
B = 20, 22

TPH = 120
B = 64

7.30 TPH
5.2 B

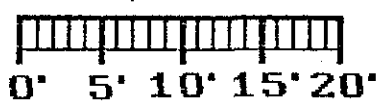
360 TPH
0.99 B

160 TPH
1.2 B

210 TPH
3.3 B

870 ppm TPH
3.2 ppm B

**WA CRAIG, INC @
 DAMELE PROPERTY
 4401 MARKET ST.
 OAKLAND, CA
 6/22/90 TANK PULL**



ANAMETRIX INC

Environmental & Analytical Chemistry
1961 Concourse Drive, Suite E, San Jose, CA 95128
(408) 432-8192 - Fax (408) 432-8198

**REPORT**

Brenda McNabb
Environmental Bio-Systems
30028 Industrial Parkway, S.W.
Suite C
Hayward, CA 94544

July 06, 1990
Anamatrix W.O.#: 9006305
Date Received : 06/22/90
Project Number : 010-118

Dear Mr. McNabb:

Your samples have been received for analysis. The REPORT SUMMARY lists your sample identifications and the analytical methods you requested. The following sections are included in this report: RESULTS.

NOTE: Amounts reported are net values, i.e. corrected for method blank contamination.

If there is any more that we can do, please give us a call. Thank you for using ANAMETRIX, INC.

Sincerely,

ANAMETRIX, INC.

Sarah Schoen, Ph.D.
Laboratory Manager

SRS/dag

REPORT SUMMARY
ANAMETRIX, INC. (408) 432-8192

Client : Environmental Bio-Systems	Anamatrix W.O.#: 9006305
Address : 30028 Industrial Parkway, S.W. Suite C	Date Received : 06/22/90
City : Hayward, CA 94544	Purchase Order#: N/A
Attn. : Brenda McNabb	Project No. : 010-118
	Date Released : 07/06/90

Anamatrix I.D.	Sample I.D.	Matrix	Date Sampled	Method	Date Extract	Date Analyzed	Inst I.D.
RESULTS							
9006305-01	S1A, B, C, D	SOIL	06/22/90	TPHg		06/29/90	N/A
9006305-02	S2	SOIL	06/22/90	TPHg		06/29/90	N/A
9006305-03	S3	SOIL	06/22/90	TPHg		06/29/90	N/A
9006305-04	S4	SOIL	06/22/90	TPHg		06/30/90	N/A
9006305-05	S5	SOIL	06/22/90	TPHg		06/30/90	N/A
9006305-06	S6	SOIL	06/22/90	TPHg		06/30/90	N/A
9006305-07	S7A, B, C, D	SOIL	06/22/90	TPHg		06/30/90	N/A
9006305-08	S8	SOIL	06/22/90	TPHg		06/30/90	N/A

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 010-118 S1A,B,C,D
 Matrix : SOIL
 Date sampled : 06/22/90
 Date anl.TPHg: 06/29/90
 Date ext.TPHd: N/A
 Date anl.TPHd: N/A

Anamatrix I.D. : 9006305-01
 Analyst : CV
 Supervisor : PPA
 Date released : 07/06/90
 Date ext. TOG : N/A
 Date anl. TOG : N/A

CAS #	Compound Name	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
71-43-2	Benzene	0.125	0.22
108-88-3	Toluene	0.125	0.37
100-41-4	Ethylbenzene	0.125	0.38
1330-20-7	Total Xylenes	0.125	1.1
	TPH as Gasoline	2	38

ND - Not detected at or above the practical quantitation limit for the method.

TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.

BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 010-118 S2
 Matrix : SOIL
 Date sampled : 06/22/90
 Date anl.TPHg: 06/29/90
 Date ext.TPHd: N/A
 Date anl.TPHd: N/A

Anamatrix I.D. : 9006305-02
 Analyst : 6v
 Supervisor : RDD
 Date released : 07/06/90
 Date ext. TOG : N/A
 Date anl. TOG : N/A

CAS #	Compound Name	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
71-43-2	Benzene	0.5	0.99
108-88-3	Toluene	0.5	12
100-41-4	Ethylbenzene	0.5	9.5
1330-20-7	Total Xylenes	0.5	53
	TPH as Gasoline	10	360

- ND - Not detected at or above the practical quantitation limit for the method.
 TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.
 BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 010-118 S3
 Matrix : SOIL
 Date sampled : 06/22/90
 Date anl.TPHg: 06/29/90
 Date ext.TPHd: N/A
 Date anl.TPHd: N/A

Anamatrix I.D. : 9006305-03
 Analyst : GV
 Supervisor : ~~GV~~
 Date released : 07/06/90
 Date ext. TOG : N/A
 Date anl. TOG : N/A

CAS #	Compound Name	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
71-43-2	Benzene	0.5	1.2
108-88-3	Toluene	0.5	2.5
100-41-4	Ethylbenzene	0.5	2.8
1330-20-7	Total Xylenes	0.5	13
	TPH as Gasoline	10	160

- ND - Not detected at or above the practical quantitation limit for the method.
 TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.
 BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 010-118 S4
 Matrix : SOIL
 Date sampled : 06/22/90
 Date anl.TPHg: 06/30/90
 Date ext.TPHd: N/A
 Date anl.TPHd: N/A

Anamatrix I.D. : 9006305-04
 Analyst : GJ.
 Supervisor : DJG
 Date released : 07/06/90
 Date ext. TOG : N/A
 Date anl. TOG : N/A

CAS #	Compound Name	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
71-43-2	Benzene	0.5	3.3
108-88-3	Toluene	0.5	9.4
100-41-4	Ethylbenzene	0.5	7.6
1330-20-7	Total Xylenes	0.5	32
	TPH as Gasoline	10	210

- ND - Not detected at or above the practical quantitation limit for the method.
 TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.
 BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 010-118 S5
 Matrix : SOIL
 Date sampled : 06/22/90
 Date anl.TPHg: 06/30/90
 Date ext.TPHd: N/A
 Date anl.TPHd: N/A

Anamatrix I.D. : 9006305-05
 Analyst : GV
 Supervisor : POG
 Date released : 07/06/90
 Date ext. TOG : N/A
 Date anl. TOG : N/A

CAS #	Compound Name	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
71-43-2	Benzene	1.25	3.2
108-88-3	Toluene	1.25	24
100-41-4	Ethylbenzene	1.25	20
1330-20-7	Total Xylenes	1.25	110
	TPH as Gasoline	25	870

ND - Not detected at or above the practical quantitation limit for the method.

TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.

BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 010-118 S6
 Matrix : SOIL
 Date sampled : 06/22/90
 Date anl.TPHg: 06/30/90
 Date ext.TPHd: N/A
 Date anl.TPHd: N/A

Anamatrix I.D. : 9006305-06
 Analyst : GV
 Supervisor : DOG
 Date released : 07/06/90
 Date ext. TOG : N/A
 Date anl. TOG : N/A

CAS #	Compound Name	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
71-43-2	Benzene	2.5	5.0
108-88-3	Toluene	2.5	24
100-41-4	Ethylbenzene	2.5	26
1330-20-7	Total Xylenes	2.5	140
	TPH as Gasoline	50	730

ND - Not detected at or above the practical quantitation limit for the method.

TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.

BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 010-118 S7A,B,C,D
 Matrix : SOIL
 Date sampled : 06/22/90
 Date anl.TPHg: 06/30/90
 Date ext.TPHd: N/A
 Date anl.TPHd: N/A

Anametrix I.D. : 9006305-07
 Analyst : G.V.
 Supervisor : D.D.
 Date released : 07/06/90
 Date ext. TOG : N/A
 Date anl. TOG : N/A

CAS #	Compound Name	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
71-43-2	Benzene	0.5	0.9
108-88-3	Toluene	0.5	1.3
100-41-4	Ethylbenzene	0.5	1.8
1330-20-7	Total Xylenes	0.5	13
	TPH as Gasoline	10	130

- ND - Not detected at or above the practical quantitation limit for the method.
- TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.
- BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 010-118 S8
 Matrix : SOIL
 Date sampled : 06/22/90
 Date anl.TPHg: 06/30/90
 Date ext.TPHd: N/A
 Date anl.TPHd: N/A

Anamatrix I.D. : 9006305-08
 Analyst : GV
 Supervisor : COG
 Date released : 07/06/90
 Date ext. TOG : N/A
 Date anl. TOG : N/A

CAS #	Compound Name	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
71-43-2	Benzene	1.25	3.7
108-88-3	Toluene	1.25	14
100-41-4	Ethylbenzene	1.25	7.1
1330-20-7	Total Xylenes	1.25	33
	TPH as Gasoline	25	260

ND - Not detected at or above the practical quantitation limit for the method.

TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GC/FID using EPA Method 5030.

BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

ENVIRONMENTAL BIO-SYSTEMS, INC.
30028 INDUSTRIAL PKWY., S.W.
HAYWARD, CA. 94544
(415) 429-9988

CHAIN OF CUSTODY

SITE ADDRESS:

CLIENT:

Damele Property
Market @ 44th St.
Oakland, CA

W.A. Craig, Inc.
EBS #: 010-118
DATE SAMPLED: 6/22/90

LABORATORY: Anamatrix HMTL#: 151

SAMPLE #	MATRIX	ANALYSIS	TURNAROUND
#S1A-D	Soil	TPH as gasoline, BTEX	2 week
#S2			
#S3			
#S4			
#S5			
#S6			

Sampling Performed By Brenda McNabb

Sampling Completed At 1:45 AM (PM)

Released By: [Signature] Accepted By: [Signature] Time/Date 5:45

6/22/90
- - -
- - -

ENVIRONMENTAL BIO-SYSTEMS, INC.
30028 INDUSTRIAL PKWY., S.W.
HAYWARD, CA. 94544
(415) 429-9988

CHAIN OF CUSTODY

SITE ADDRESS:

CLIENT:

Danels Property

W.A. Craig, Inc.

Market & 44th St.

EBS #: 010-118

Oakland, CA

DATE SAMPLED: 6/22/90

LABORATORY:

Amurex

HMTL#:

151

SAMPLE #

MATRIX

ANALYSIS

TURNAROUND

composite #S7A-D

Soil

TPH as g-soluble, BTEX 2 Week

#58

"

"

"

"

"

Sampling Performed By

Brenda McNabb

Sampling Completed At

1:45 AM (PM)

Released By:

[Signature]

Accepted By:

[Signature]

Time/Date

5:45

6/22/90

---|---

---|---

ACORD. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY) **9/07/90**

PRODUCER
R. C. Fischer & Co.
 1655 N. Main Street, Suite 350
 P. O. Box 8101
 Walnut Creek, Ca. 94596-8101

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW

COMPANIES AFFORDING COVERAGE

CODE **SUB-CODE**

INSURED
W. A. Craig Inc.
 P. O. Box 448
 Napa CA 94559

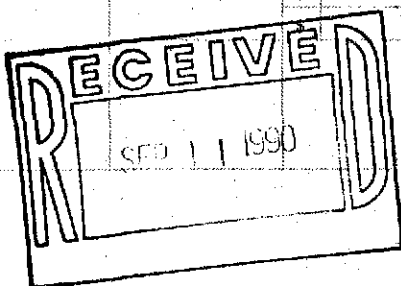
- COMPANY LETTER A** **GOYHAM INSURANCE CO. (LEMAC)**
- COMPANY LETTER B** **NEW HAMPSHIRE INSURANCE CO.**
- COMPANY LETTER C**
- COMPANY LETTER D** **REPUBLIC INDEMNITY COMPANY**
- COMPANY LETTER E**

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	ALL LIMITS IN THOUSANDS	
A	GENERAL LIABILITY	HFD039151	2/23/90	2/23/91	GENERAL AGGREGATE	\$ 2000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OPS AGGREGATE	\$ 1000
	<input checked="" type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR				PERSONAL & ADVERTISING INJURY	\$ 1000
	<input checked="" type="checkbox"/> OWNER'S & CONTRACTOR'S PROT.				EACH OCCURRENCE	\$ 1000
					FIRE DAMAGE (Any one fire)	\$ 50
					MEDICAL EXPENSE (Any one person)	\$ 1
B	AUTOMOBILE LIABILITY	5CP09968652	3/21/90	3/21/91	COMBINED SINGLE LIMIT	\$ 1000
	ANY AUTO					
	ALL OWNED AUTOS					
	<input checked="" type="checkbox"/> SCHEDULED AUTOS					
	<input checked="" type="checkbox"/> HIRED AUTOS					
	<input checked="" type="checkbox"/> NON-OWNED AUTOS					
	GARAGE LIABILITY					
	EXCESS LIABILITY				EACH OCCURRENCE	AGGREGATE
	OTHER THAN UMBRELLA FORM				\$	\$
D	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	PC992397	5/20/90	5/20/91	STATUTORY	
					\$ 1000 (EACH ACCIDENT)	
					\$ 1000 (DISEASE-POLICY LIMIT)	
	OTHER				\$ 1000 (DISEASE-EACH EMPLOYEE)	

INSUREDS COPY



DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/RESTRICTIONS/SPECIAL ITEMS

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE **Gordon W. Richards**



State of California
Department of Consumer Affairs
CONTRACTORS STATE LICENSE BOARD



License Number

455752

Entity

C O R P

Name (Company)

CRAIG M A INC

Classification

A B HAZ

Expiration Date

04/30/92

PERMIT

Permit Issued To

(Insert Employer's Name, Address and Telephone No.)

W. A. CRAIG, Inc.
 P. O. BOX 448
 Napa, CA 94559
 (415) 525-2780

No. _____

Date May 4, 1990

Region 1 - San Francisco

District 4 - Oakland

Tel. (415) 568-8602

Type of Permit ANNUAL EXCAVATION/TRENCH

Pursuant to Labor Code Sections 6500 and 6502, this Permit is issued to the above-named employer for the projects described below.

Permit Issued through <u>December 31, 1990</u>	Permit Valid through <u>December 31, 1990</u>			
Permit Holder's License Number <u>455752</u>				
Description of Project	Location Address	City and County	Anticipated Dates	
			Starting	Completion
VARIOUS PROJECTS	Statewide	Statewide	5/4/90	12/31/90

This Permit is issued upon the following conditions:

1. That the work is performed by the same employer. If this is an annual permit the appropriate District Office shall be notified, in writing, of dates and location of job site prior to commencement.
2. That employer will comply with all occupational safety and health standards or orders applicable to the above projects, and any other lawful orders of the Division.
3. That if any unforeseen condition causes deviation from the plans or statements contained in the Permit Application Form the employer will notify the Division immediately.
4. Any variation from the specification and assertions of the Permit Application Form or violation of safety orders may be cause to revoke the permit.
5. This permit shall be posted at or near each place of employment as provided in 8 CAC 341.4.

Received From <u>James Kinney</u>	Received By <u>Cheng</u>
<input checked="" type="checkbox"/> Cash <input type="checkbox"/> Check	Amount <u>\$100</u>
Date <u>5/4/90</u>	Date <u>5/4/90</u>

Investigated by James Kinney 5-4-90
Safety Eng. Date

Approved by James Kinney 5/4/90
Dist. Manager Date

ORIGINAL - GREEN
 ACCOUNTING COPY - CANARY
 PERMIT COPY - PINK
 BUREAU COPY - WHITE
 (Form 2-87)

WASTE MANIFEST

A. State Manifest Document Number

90038144

3. Generator's Name and Mailing Address
JOSEPHINE DANFLE
 3750 Victor Avenue, Oakland, CA 94619

4. Generator's Phone (415) 831-0778

B. State Generator's ID

5. Transporter 1 Company Name
H & H Ship Service Company

8. US EPA ID Number
 CAD004771168

C. State Transporter's ID 103590
 D. Transporter's Phone (415) 543-4835

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID
 F. Transporter's Phone

9. Designated Facility Name and Site Address
H & H Ship Service Company
 220 China Basin Street
 San Francisco, CA 94107

10. US EPA ID Number
 CAD004771168

G. State Facility's ID
 H. Facility's Phone (415) 543-4835

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	Waste ID
	No.	Type			
RESIDUE GASOLINE TANK NON-RCRA HAZARDOUS WASTE SOLID	01011	TIP	01101010	P	State 512 EPA/Other
RESIDUE GASOLINE TANKS NON-RCRA HAZARDOUS WASTE SOLID	01013	TIP	010151010	P	State 512 EPA/Other
					State EPA/Other
					State EPA/Other

15. Additional Description for Materials Listed Above
 PUMPED OUT 1,000 gallon and 500 gallon tanks last containing gasoline. Tanks inerted with dry ice for transport.

K. Handling Codes for Wastes Listed Above
 a. 01
 b. 01
 c.
 d.

16. Special Handling Instructions and Additional Information
 JOB #4784
 APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR.
 JOB SITE: ABANDONED ARCO STATION
 4401 Market Street
 Oakland, California

17. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
 If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: J. DANFLE by Bill Craig
 Signature: [Signature]
 Month/Day/Year: 10/16/2010

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name: JAMES R. MORGAN
 Signature: [Signature]
 Month/Day/Year: 10/16/2010

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name:
 Signature:
 Month/Day/Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
 Printed/Typed Name:
 Signature:
 Month/Day/Year:

3036 CITY OF OAKLAND REPORT OF FIRE INSPECTION ENGINE CO. 205

ADDRESS 4401 MARKET ST

NAME W.A. CRAIG INC.

GENERAL INSPECTION PERMIT OTHER HAZARD NOTED HAZARD ABATED

NOTICE LEFT LETTER 1st NOTICE 2nd NOTICE FINAL

DATE	VIOLATION	O.F.C.	CONTACTED
6-22-90	REMOVED THIS DATE 3-500 GAL. AND 1-1000 GAL TANKS. ALL 500 GALLON TANKS HAVE HOLES UNDER TANK.		
	TANKS NEEDED BY N.E.H. SAMPLING DONE UNDER DIRECTION OF ACADEMY CENTER HAZ MAT. NO GROUND WATER IN EXCAVATION		

A REINSPECTION WILL BE MADE WITHIN _____ DAYS.

FIRE PREVENTION BUREAU PHONE 273-3851
INSPECTOR *W. B. Hallett*

338-5 (Rev. 5-77)

3036 CITY OF OAKLAND REPORT OF FIRE INSPECTION ENGINE CO. 205

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338-5 (Rev. 5-77)