D&D Management Consultants, Inc.

6440 Hesket Court San Jose, CA 95123 (408) 227-0308

90 FEB 35 AMII: 49

March 5, 1990

Alameda County Health Agency Division of Hazardous Materials Department of Environmental Health 80 Swan Way, Room 200 Oakland, CA 94621

Attention: Mr. Gil Wistar

Subject: Tank removal at, 6393 Scarlett Ct., Dublin, CA

Dear Mr. Wistar:

Attached is a copy of the laboratory results for the recently removed underground gasoline/diesel tank for the subject property. In addition, attached is a copy of the chain of custody form for the laboratory samples and a copy of the uniform hazardous waste manifest of the disposal of the tank.

If you have any questions please call.

Sincerely,

Paul T. Dzakowic

President

cc Mr. Todd Bettencourt w/enclosure

PTD:sed



ANALYTICAL **SERVICES**

CERTIFICATE OF ANALYSIS

D & D Management

6440 Hesket Court San Jose, CA 95123 ATTN: Paul Dzakowic

Work Order Number:

T0-02-058

February 23, 1990 Date:

P.O. Number: Verbal

This is the Certificate of Analysis for the following samples:

Client Project ID:

Dublin Rock & Ready Mix 02/06/90

Date Received by Lab: Number of Samples:

7; 3 individual, 1 composite of 4

Sample Type: Soil/Water

The method of analysis for low boiling hydrocarbons is taken from EPA Methods 8015, 8020 and 5030. The sample is examined using the purge and trap technique. Final detection is by gas chromatography using a flame ionization detector as well as a photoionization detector. The result for total low boiling hydrocarbons is calculated as gasoline and includes benzene, toluene, ethyl benzene and xylenes.

The method of analysis for high boiling hydrocarbons involves extracting the samples with solvent and examining the extracts by gas chromatography using a flame ionization detector.

The method of analysis for oil and grease is taken from Standard Methods for the Examination of Water and Wastewater, Section 503E. Samples are extracted with repeated portions of solvent and the extract is treated with silica gel to remove polar compounds. The extract is evaporated and oil and grease is determined gravimetrically.

Reviewed and Approved

id A. Pichette Project Manager

DAP/tw

4 Pages Following - Tables of Results

American Council of Independent Laboratories International Association of Environmental Testing Laboratories American Association for Laboratory Accreditation

Page: 1 of 4 Date: February 23, 1990

Client Project ID: Dublin Rock & Ready Mix Work Order Number: T0-02-058

Client Sample ID:

East of 600 gal tank @ 7'

Sample Date: Lab Sample ID: 02/05/90 T0-02-058-01

Receipt Condition:

Cool

Low Boiling Extraction Date: 02/08/90 Low Boiling Analysis Date: 02/14/90 High Boiling Extraction Date: 02/09/90 High Boiling Analysis Date: 02/10/90 Oil & Grease Extraction Date: 02/16/90 Oil & Grease Analysis Date: 02/16/90

Total Petroleum Hydrocarbons - Modified E.P.A. Methods 8015, 8020 Standard Methods, 503E

Results - Milligrams per Kilogram

granomid

Parameter	Detection Limit	Detected

Low Boiling Hydrocarbons, calculated as Gasoline	110.	240
		740.
Benzene	1.	14.
Toluene	1.	35.
Ethyl Benzene	1.	23.
Xylenes (total)	2.	110.
High Boiling Hydrocarbons,		•
calculated as Diesel	30.	1100.*
Oil and Grease	50.	None

^{*}Compounds detected and calculated as diesel appear to be the less volatile constituents of gasoline.

Page: 2 of 4

Date: February 23, 1990

Client Project ID: Dublin Rock & Ready Mix

Work Order Number: T0-02-058

Client Sample ID: 6" Dirt Pile, 6" Dirt Pile, 6" Dirt Pile,

6" Dirt Pile [Composite]

Sample Date: 02/06/90

Lab Sample ID: T0-02-058-02, T0-02-058-03, T0-02-058-04,

T0-02-058-05 [Composite]

Receipt Condition: Cool

Low Boiling Extraction Date: 02/08/90 Low Boiling Analysis Date: 02/15/90 High Boiling Extraction Date:02/09/90

High Boiling Analysis Date for Diesel:02/12/90, For Oil: 02/10/90

Oil & Grease Extraction Date: 02/16/90 Oil & Grease Analysis Date: 02/16/90

Total Petroleum Hydrocarbons - Modified E.P.A. Methods 8015, 8020 Standard Methods, 503E

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Low Boiling Hydrocarbons,		
calculated as Gasoline	110.	1700.
Benzene	1.	15.
Toluene	1.	78.
Ethyl Benzene	1.	37.
Xylenes (total)	2.	210.
High Boiling Hydrocarbons,		•
calculated as Diesel	70.	2000.*
High Boiling Hydrocarbons,		
calculated as Oil	200.	300.
Oil and Grease	50.	80.

^{*}Results include compounds apparently due to gasoline as well as those due to diesel.

Page: 3 of 4

Date: February 23, 1990

Client Project ID: Dublin Rock & Ready Mix Work Order Number: T0-02-058

Client Sample ID: Bottom of Excav. @ 7'

Sample Date: 02/06/90 Lab Sample ID: T0-02-058-06 Receipt Condition: Cool,pH<2

Low Boiling Analysis Date: 02/16/90 High Boiling Extraction Date: 02/09/90 High Boiling Analysis Date: 02/13/90 Oil & Grease Extraction Date: 02/08/90 Oil & Grease Analysis Date: 02/12/90

Total Petroleum Hydrocarbons - Modified E.P.A. Methods 8015, 8020 Standard Methods, 503E

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected	wider Samp
Low Boiling Hydrocarbons,			•
calculated as Gasoline	(25000.)	88000.	
Benzene	200.	22000.	
Toluene	200.	16000.	
Ethyl Benzene	200.	2900.	
Xylenes (total)	500.	13000.	
High Boiling Hydrocarbons,			
calculated as Diesel	1000.	49000.*	
Oil and Grease	5000.	None	

^{*}Compounds detected and calculated as diesel appear to be the less volatile constituents of gasoline.

Page: 4 of 4

Date: February 23, 1990

Client Project ID: Dublin Rock & Ready Mix

Work Order Number: T0-02-058

Client Sample ID: Sample Date:

Lab Sample ID: T0-02-058-07

Receipt Condition: Cool

Low Boiling Analysis Date: 02/15/90 High Boiling Extraction Date: 02/09/90 High Boiling Analysis Date: 02/13/90

Total Petroleum Hydrocarbons - Modified E.P.A. Methods 8015, 8020

Trip Blank

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Low Boiling Hydrocarbons,		
calculated as Gasoline	50.	None
Benzene	0.5	None
Toluene	0.5	None
Ethyl Benzene	0.5	None
Xylenes (total)	1.	None
High Boiling Hydrocarbons,		
calculated as Diesel	100.	None

TO-02-058 CHAIN OF CUSTODY RECORD 6440 Heaker Court

D & D Management Consultants, Inc.

Fr. In a rid parmy

SITE NAME & ADDRESS
LIGHT PUBLIN. PROJECT NO. ANALYSES REQUESTED AGENCY/INSPECTOR NAME / DATE řotal Oil & Grease TPH (Diesel) & REMARKS Heavy Metals SAMPLING LOCATION TIME DATE JON CE East Sion of 600 Gpl Taupa? 3/6/91 2:10PM 6"- 71ET PILY 2A 2/0/909 56AN Buttern of Except (w 7' GASC 7/6/40 10 74 × 718 2/6/90XC 3/AL TRIP Blank TAAB Taip Blank + 7A - GAR/BTX The following MUST BE completed by the laboratory accepting samples Received by: (Signature) Relinquished by: (Signature) Date/Time for analysis: 1. Have all samples received for analysis been stored in ice? Received by: (Signature) Date/Time Relinquished by: (Signature) 2. Will samples regnain refrigerated until analyzed? 3. Did any samples, received for analysis have head space? Received by: (Signature) Relinquished by: (Signature) Date/Time 4. Were samples in appropriate containers and properly packaged? Regid for Laboratory by: (Signature) Sample Roceiving 2-6-90 Date:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardnus materials covered by this manitest except as collect in Item 19

Printed/Typed-Nam

DHS 8022 A (1/88)

EPA 8700-22

(Rev. 9-86) Previous editions are obsolete.

Do Not Write Below This Goe

OS THIS COPY TO DOHS WITHIN 30 DA White: TSDF

To.F.O. Box 3000, Sacramento, CA 95812

Day

Month



CERTIFICATE OF DISPOSAL

FEBRUARY 8, 1990

H & H Ship Service Company hereby certifies to D & D MANAGEMENT that:			
1.	The storage tank(s), size(s) ONE (1) 550 GALS.	
	removed from the	DUBLIN ROCK & READY MIX	
	facility at	6393 SCARLETT COURT	
	_	DUBLIN, CALIFORNIA	
were San	e transported to H Francisco, Califor	& H Ship Service Company, 220 China Basin St., nia 94107.	
2.	The following tank	(s), H & H Job Number 3409	
•	have been steamed rendered harmless	cleaned, cut with approximately 2' X 2' holes, and disposed of as scrap metal.	
2	Disposal site: INV	TN METALS CORPORATION, RICHMOND, CALIFORNIA.	

The foregoing method of destruction/disposal is suitable for the

materials involved, and fully complies with all applicable

Should you require further information, please call

regulatory and permit requirements.

(415) $5\overline{4}3-483\overline{5}$.

Very Truly Yours,

Operations Coordinator