

D & D Management Consultants, Inc.

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

90 AUG 17 AM 12:52

August 14, 1990

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

Attention: Ms. Pamela J. Evans

Subject: Tank removal at, 20478 Mission Blvd., Hayward

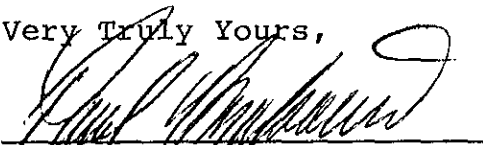
Dear Ms. Evans:

Attached is a copy of the laboratory results for the recently removed underground gasoline tank for the subject property. In addition, attached is a copy of the chain-of-custody form for the laboratory sample(s) and a copy of the uniform hazardous waste manifest of the disposal of the tank.

The laboratory results dated July 26, 1990 represents the soil left in place beneath the gasoline dispenser after removal of approximately 5 cy of dirt.

If you have any questions please call.

Very Truly Yours,


Paul T. Dzakowic
President

cc Peterson Metal Fabricating
Attention: Mr. Ray Peterson
w/ enclosure

PTD:cmd



CERTIFICATE OF ANALYSIS

Date: 07/06/90

D & D Management Consultants
6440 Heskett Court
San Jose, CA 95123
Paul Dzakowic

Work Order: T0-06-211

P.O. Number: Verbal

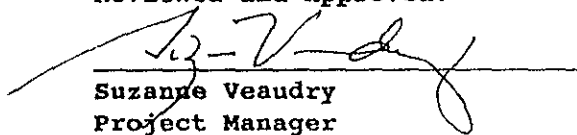
This is the Certificate of Analysis for the following samples:

Client Work ID: 20478 Mission Blvd.
Date Received: 06/21/90
Number of Samples: 3
Sample Type: solid

TABLE OF CONTENTS FOR ANALYTICAL RESULTS

| <u>PAGES</u> | <u>LABORATORY #</u> | <u>SAMPLE IDENTIFICATION</u> |
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| 2 | T0-06-211-01 | 8k Gas Middle @ 10' |
| 3 | T0-06-211-02 | Piping Elbow @ 1' |
| 4 | T0-06-211-03 | Below Dispenser @ 1' |

Reviewed and Approved:



Suzanne Veaudry
Project Manager

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

Company: D & D Management Consultants

Date: 07/06/90

Client Work ID: 20478 Mission Blvd.

Work Order: T0-06-211

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: 8k Gas Middle @ 10'

SAMPLE DATE: 06/20/90

LAB SAMPLE ID: T006211-01

SAMPLE MATRIX: Solid

RECEIPT CONDITION: Cool

RESULTS in Milligrams per Kilogram:

| | METHOD | EXTRACTION DATE | ANALYSIS DATE |
|--------------------------|----------|--------------------|------------------|
| BTEX | 8020 | 06/27/90 | 07/02/90 |
| Low Boiling Hydrocarbons | Mod.8015 | 06/27/90 | 07/02/90 |

| PARAMETER | DETECTION LIMIT | DETECTED |
|--|--------------------|----------|
| Low Boiling Hydrocarbons calculated as Gasoline | 2.5 | None |
| BTEX | | |
| Benzene | 0.025 | None |
| Toluene | 0.025 | None |
| Ethylbenzene | 0.025 | None |
| Xylenes (total) | 0.05 | None |

Company: D & D Management Consultants

Date: 07/06/90

Client Work ID: 20478 Mission Blvd.

Work Order: T0-06-211

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: Piping Elbow @ 1'

SAMPLE DATE: 06/20/90

LAB SAMPLE ID: T006211-02

SAMPLE MATRIX: Solid

RECEIPT CONDITION: Cool

RESULTS in Milligrams per Kilogram:

| | METHOD | EXTRACTION DATE | ANALYSIS DATE |
|--------------------------|----------|--------------------|------------------|
| BTEX | 8020 | 06/27/90 | 07/02/90 |
| Low Boiling Hydrocarbons | Mod.8015 | 06/27/90 | 07/02/90 |

| PARAMETER | DETECTION LIMIT | DETECTED |
|--|--------------------|----------|
| Low Boiling Hydrocarbons calculated as Gasoline | 2.5 | None |
| BTEX | | |
| Benzene | 0.025 | None |
| Toluene | 0.025 | 0.039 |
| Ethylbenzene | 0.025 | None |
| Xylenes (total) | 0.05 | 0.05 |

Company: D & D Management Consultants

Date: 07/06/90

Client Work ID: 20478 Mission Blvd.

Work Order: T0-06-211

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: Below Dispenser @ 1'

SAMPLE DATE: 06/20/90

LAB SAMPLE ID: T006211-03

SAMPLE MATRIX: Solid

RECEIPT CONDITION: Cool

RESULTS in Milligrams per Kilogram:

| | METHOD | EXTRACTION DATE | ANALYSIS DATE |
|--------------------------|----------|--------------------|------------------|
| BTEX | 8020 | 06/27/90 | 07/02/90 |
| Low Boiling Hydrocarbons | Mod.8015 | 06/27/90 | 07/02/90 |

| PARAMETER | DETECTION LIMIT | DETECTED |
|--|--------------------|----------|
| Low Boiling Hydrocarbons calculated as Gasoline | 500. | 15,000. |
| BTEX | | |
| Benzene | 5. | None |
| Toluene | 5. | 140. |
| Ethylbenzene | 5. | 220. |
| Xylenes (total) | 10. | 2,100. |

Company: D & D Management Consultants

Date: 07/06/90

Client Work ID: 20478 Mission Blvd.

Work Order: T0-06-211

TEST CODE TPHVB TEST NAME TPH Gas, BTEX by 8015/8020

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, ethylbenzene and xylenes.

TO-06-211

CHAIN OF CUSTODY RECORD

D & Management Consultants, Inc.
 3440 Hill
 San Jose, Ca 95123

| PROJECT NO. | | SITE NAME & ADDRESS | | | | | ANALYSES REQUESTED | | | | | | | REMARKS | | | |
|---|---------|---------------------|--------------|-------|--------------------------|--|-------------------------------|---|--------------------|-------------------|--------------|--------------|--|---------|--|--|-------------------------------|
| 20475 | | MISSION BLVD | | | | | TPH (Gasoline) & B, T, X, & E | TPH (Diesel) & B, T, X, & E | Total Oil & Grease | Halogenated HCB's | B, T, X, & E | Heavy Metals | | | | | |
| WITNESSING AGENCY / INSPECTOR NAME / DATE | | | | | | | | | | | | REMARKS | | | | | |
| D NO | DATE | TIME | SOIL | WATER | SAMPLING LOCATION | | | | | | | | | | | | |
| | 6/20/90 | 1155 | X | | R&K Gas - Middle @ 15' | | | | | | | X | | | | | ROUTINE ANALYSIS COOL ↓ |
| | 6/20/90 | 1204 | X | | Piping Elbow @ 1' | | | | | | | X | | | | | |
| | 6/20/90 | 1209 | X | | Fuel Dispenser @ 1' | | | | | | | X | | | | | |
| Relinquished by: (Signature) | | | Date/Time | | Received by: (Signature) | | | The following MUST BE completed by the laboratory accepting samples for analysis: | | | | | | | | | |
| Relinquished by: (Signature) | | | Date/Time | | Received by: (Signature) | | | 1. Have all test pits received for analysis been stored in ice? <u>Yes</u> | | | | | | | | | |
| Relinquished by: (Signature) | | | Date/Time | | Received by: (Signature) | | | 2. Will samples remain refrigerated until analyzed? <u>Yes</u> | | | | | | | | | |
| Relinquished by: (Signature) | | | Date/Time | | Received by: (Signature) | | | 3. Did any samples received for analysis have head space? <u>No</u> | | | | | | | | | |
| Relinquished by: (Signature) | | | Date/Time | | Received by: (Signature) | | | 4. Were samples in appropriate containers and properly packed? <u>Yes</u> | | | | | | | | | |
| [Signature] | | | 6/20/90 1152 | | [Signature] | | | Sample Receiver 6-21-90 [Signature] | | | | | | | | | |

Please print or form designed for use on all pitch typewriter.

90038117 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No. C A X 0 0 0 1 2 4 8 8 3 0 Manifest Document No. 1

2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: PETERSON METAL FABRICATING, INC. 20478 Mission Blvd., Hayward, CA 94541

A. State Manifest Document Number: 90038117

4. Generator's Phone (415) 278-7500

B. State Generator's ID

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

C. State Transporter's ID: 103579

6. US EPA ID Number: C A D 0 0 4 7 7 1 1 6 8

D. Transporter's Phone (415) 543-4835

7. Transporter 2 Company Name

E. State Transporter's ID

8. US EPA ID Number

F. Transporter's Phone

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

G. State Facility's ID: C A D 0 0 4 7 7 1 1 6 8

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

Table with 5 columns: 11 US DOT Description, 12. Containers No., 13. Total Quantity, 14. Unit Wt/Vol, 1. Waste No. Row a: RESIDUE GASOLINE TANK NON-RCRA HAZARDOUS WASTE SOLID, 0 0 1, T P, 0 1 8 1 0 1 0, P, State 512, EPA/Other

J. Additional Descriptions for Materials Listed Above: PUMPED OUT 10,000 gallon tank last containing gasoline. Tank inerted with dry ice for transport.

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

15. Special Handling Instructions and Additional Information: JOB #4755 APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR.

16. 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.

17. Transporter 1 Acknowledgement of Receipt of Materials: Printed/Typed Name: R.W. PETERSON, Signature: [Signature], Month Day Year: 10 6 2 0 9 0

18. Transporter 2 Acknowledgement of Receipt of Materials: Printed/Typed Name: DOMINCO WILLIAMS, Signature: [Signature], Month Day Year: 10 6 2 0 9 0

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], Signature: [Signature], Month Day Year: 10 6 2 0 9 0



ANALYTICAL SERVICES

CERTIFICATE OF ANALYSIS

Date: 07/26/90

D & D Management Consultants
6440 Heskett Court
San Jose, CA 95123
Paul Dzakowic

Work Order: T0-07-088

P.O. Number: Verbal

This is the Certificate of Analysis for the following samples:

Client Work ID: 20478 Mission Blvd
Date Received: 07/11/90
Number of Samples: 5
Sample Type: solid

*Represent of
excavation of
disposal*

TABLE OF CONTENTS FOR ANALYTICAL RESULTS

| <u>PAGES</u> | <u>LABORATORY #</u> | <u>SAMPLE IDENTIFICATION</u> |
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| 2 | T0-07-088-01 | East Wall of Excav @ 5' |
| 3 | T0-07-088-02 | No. Wall of Excav @ 5' |
| 4 | T0-07-088-03 | West Wall of Excav @ 5' |
| 5 | T0-07-088-04 | So. Wall of Excav @ 5' |
| 6 | T0-07-088-05 | Bottom of Excav @ 5' |

down to 5'

Reviewed and Approved:

Suzanne Veaudry
Suzanne Veaudry
Project Manager

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

Company: D & D Management Consultants
 Date: 07/26/90
 Client Work ID: 20478 Mission Blvd

Work Order: T0-07-088

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: East Wall of Excav @ 5'
 SAMPLE DATE: 07/11/90
 LAB SAMPLE ID: T007088-01 *E*
 SAMPLE MATRIX: solid
 RECEIPT CONDITION: Cool

RESULTS in Milligrams per Kilogram:

| | METHOD | EXTRACTION DATE | ANALYSIS DATE |
|--------------------------|----------|--------------------|------------------|
| BTEX | 8020 | 07/13/90 | 07/18/90 |
| Low Boiling Hydrocarbons | Mod.8015 | 07/13/90 | 07/18/90 |

| PARAMETER | DETECTION LIMIT | DETECTED |
|--|--------------------|----------|
| Low Boiling Hydrocarbons calculated as Gasoline | 1. | None |
| BTEX | | |
| Benzene | 0.005 | 0.005. |
| Toluene | 0.005 | None |
| Ethylbenzene | 0.005 | None |
| Xylenes (total) | 0.005 | 0.011 |

Company: D & D Management Consultants

Date: 07/26/90

Client Work ID: 20478 Mission Blvd

Work Order: T0-07-088

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: No. Wall of Excav @ 5'

SAMPLE DATE: 07/11/90

LAB SAMPLE ID: T007088-02

SAMPLE MATRIX: solid

RECEIPT CONDITION: Cool

RESULTS in Milligrams per Kilogram:

| | <u>METHOD</u> | <u>EXTRACTION DATE</u> | <u>ANALYSIS DATE</u> |
|--------------------------|---------------|----------------------------|--------------------------|
| BTEX | 8020 | 07/13/90 | 07/18/90 |
| Low Boiling Hydrocarbons | Mod.8015 | 07/13/90 | 07/18/90 |

| <u>PARAMETER</u> | <u>DETECTION LIMIT</u> | <u>DETECTED</u> |
|--|----------------------------|-----------------|
| Low Boiling Hydrocarbons calculated as Gasoline | 1. | None |
| BTEX | | |
| Benzene | 0.005 | None |
| Toluene | 0.005 | 0.006 |
| Ethylbenzene | 0.005 | None |
| Xylenes (total) | 0.005 | 0.01 |

Company: D & D Management Consultants
 Date: 07/26/90
 Client Work ID: 20478 Mission Blvd

Work Order: TO-07-088

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: West Wall of Excav @ 5'
 SAMPLE DATE: 07/11/90
 LAB SAMPLE ID: T007088-03
 SAMPLE MATRIX: solid
 RECEIPT CONDITION: Cool

RESULTS in Milligrams per Kilogram:

| | METHOD | EXTRACTION DATE | ANALYSIS DATE |
|--------------------------|----------|--------------------|------------------|
| BTEX | 8020 | 07/13/90 | 07/18/90 |
| Low Boiling Hydrocarbons | Mod.8015 | 07/13/90 | 07/18/90 |

| PARAMETER | DETECTION LIMIT | DETECTED |
|--|--------------------|----------|
| Low Boiling Hydrocarbons calculated as Gasoline | 1. | None |
| BTEX | | |
| Benzene | 0.005 | None |
| Toluene | 0.005 | 0.008 |
| Ethylbenzene | 0.005 | None |
| Xylenes (total) | 0.005 | 0.007 |

Company: D & D Management Consultants
 Date: 07/26/90
 Client Work ID: 20478 Mission Blvd

Work Order: T0-07-088

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: So. Wall of Excav @ 5'
 SAMPLE DATE: 07/11/90
 LAB SAMPLE ID: T007088-04
 SAMPLE MATRIX: solid
 RECEIPT CONDITION: Cool

RESULTS in Milligrams per Kilogram:

| | METHOD | EXTRACTION DATE | ANALYSIS DATE |
|--------------------------|----------|--------------------|------------------|
| BTEX | 8020 | 07/13/90 | 07/18/90 |
| Low Boiling Hydrocarbons | Mod.8015 | 07/13/90 | 07/18/90 |

| PARAMETER | DETECTION LIMIT | DETECTED |
|--|--------------------|----------|
| Low Boiling Hydrocarbons calculated as Gasoline | 1. | 4.9 |
| BTEX | | |
| Benzene | 0.005 | None |
| Toluene | 0.005 | None |
| Ethylbenzene | 0.005 | None |
| Xylenes (total) | 0.005 | 0.073 |

Company: D & D Management Consultants
 Date: 07/26/90
 Client Work ID: 20478 Mission Blvd

Work Order: T0-07-088

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: Bottom of Excav @ 5'
 SAMPLE DATE: 07/11/90
 LAB SAMPLE ID: T007088-05
 SAMPLE MATRIX: solid
 RECEIPT CONDITION: Cool

RESULTS in Milligrams per Kilogram:

| | <u>METHOD</u> | <u>EXTRACTION DATE</u> | <u>ANALYSIS DATE</u> |
|--------------------------|---------------|----------------------------|--------------------------|
| BTEX | 8020 | 07/13/90 | 07/19/90 |
| Low Boiling Hydrocarbons | Mod.8015 | 07/13/90 | 07/19/90 |

| <u>PARAMETER</u> | <u>DETECTION LIMIT</u> | <u>DETECTED</u> |
|--|----------------------------|-----------------|
| Low Boiling Hydrocarbons calculated as Gasoline | 1. | None |
| BTEX | | |
| Benzene | 0.005 | None |
| Toluene | 0.005 | 0.006 |
| Ethylbenzene | 0.005 | None |
| Xylenes (total) | 0.005 | 0.008 |

Company: D & D Management Consultants

Date: 07/26/90

Client Work ID: 20478 Mission Blvd

Work Order: T0-07-088

TEST CODE TPHVB TEST NAME TPH Gas, BTEX by 8015/8020

The method of analysis for low boiling hydrocarbons is taken from E.P.A. 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, ethylbenzene and xylenes.

10-07-088

CHAIN OF CUSTODY RECORD

D & Management Consultants, Inc.
 6440 H...
 San Jose, CA 95123

| PROJECT NO | | SITE NAME & ADDRESS | | | | | ANALYSES REQUESTED | | | | | | REMARKS |
|---|------|---------------------|------|-------|------------------------|--|--------------------------------|------------------------------|--------------------|------------------|-------------|--------------|---------|
| WITNESSING AGENCY / INSPECTOR NAME / DATE | | | | | | | TP11 (Gasoline) & B, T, X, & E | TP11 (Diesel) & B, T, X, & E | Total Oil & Grease | Halogenated HC's | B, T, X & E | Heavy Metals | |
| ID NO. | DATE | TIME | SOIL | WATER | SAMPLING LOCATION | | | | | | | | |
| | | | | | [Handwritten location] | | | | | | | | Cool |
| | | | | | [Handwritten location] | | | | | | | | |
| | | | | | [Handwritten location] | | | | | | | | |
| | | | | | [Handwritten location] | | | | | | | | |

| | | |
|------------------------------|-----------|--------------------------|
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) |

The following MUST BE completed by the laboratory accepting samples for analysis:

- Have all samples received for analysis been stored in ice? Yes
- Will samples remain refrigerated until analyzed? Yes
- Did any samples received for analysis have head space? No

Signature: Mat Moh Sample Receiver Date: 7-11-90