

Shell Oil Company



P. O. Box 5278
Concord, CA 94520-9998
(510) 675-6165

JULY 2, 1992

ALAMEDA COUNTY HEALTH CARE SERVICES
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, RM. 200
OAKLAND, CA 94621
ATTN: JENNIFER EBERLE

SUBJECT: SHELL SERVICE STATION
5755 BROADWAY
OAKLAND, CA 94618

ALAMEDA COUNTY HEALTH CARE SERVICES
JUL 16 1992
QUALITY CONTROL BOARD
PH
Per 12.1

(Handwritten circle around subject line)

(Handwritten circle around '01')

Dear Ms. Eberle:

This letter responds to your June 4, 1992 letter to Shell Oil Co. The letter requested that Shell supply you with the following information:

- * The owner of the property
- * 1985 Tank removal information
- * Any soil and/or groundwater sampling during tank removal
- * First Quarter of 1992 Technical Report

From our information, the owner of the property is Ted Orden. Our records indicate his address is 10,000 Lakewood Blvd., Downey, CA 90240. The hazardous waste manifests, soil sampling, and laboratory results are attached. All the information is pertaining to the tank replacement and site investigation. The Quarterly Technical Report for the first quarter of 1992 is under separate cover.

If you have any other questions please call me at (510) 675-6168.

Thank you,

(Handwritten signature: D.T. Kirk)

D. T. Kirk
Environmental Engineer
Shell Oil Co.

cc: Rich Hiett, Regional Water Quality Control Board
Joseph P. Theisen - Weiss Associates, 5500 Shellmound St., Emeryville, CA 94608

Job# MT 0244

0153

(Form designed for use on 8 1/2 (12-pitch) typewriter)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A X 0.0.0 2 35.8.9 5	Manifest Document No. 0.6.1.5.3	2. Page 1 of 1	Information in the shaded areas is not required by Federal law
---	--	--	------------------------------------	----------------	--

3. Shipping or Mailing Address P. O. BOX 6249 CARSON, CA 90749	GENERATING SITE SHELL STATION 5755 BROADWAY OAKLAND, CA	A. State Manifest Document Number 184841916
--	--	--

4. Generator's Phone (213) 513-2037	6. US EPA ID Number C A D 9.8.0.6.7.3.2.2.2.	B. State Generator's ID
---------------------------------------	---	-------------------------

5. Transporter 1 Company Name IT CORPORATION, BENICIA	8. US EPA ID Number	C. State Transporter's ID 06729985
--	---------------------	---------------------------------------

7. Transporter 2 Company Name	10. US EPA ID Number C A D 0.0.0.0.6.0.0.1.2.	D. Transporter's Phone 707-745-4411
-------------------------------	--	--

9. Designated Facility Name and Site Address IT CORPORATION, BENICIA FACILITY LAKE HERMAN ROAD BENICIA, CA 94510	12. Containers No. Type 0 0 1 D T	13. Total Quantity 0 0 0 2 0	14. Unit Wt/Vo Y	Waste No. 611
---	---	---------------------------------	------------------------	------------------

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HAZARDOUS WASTE SOLID N.O.S., ORM-E, NA9189	15. Special Handling Instructions and Additional Information AVOID CONTACT WITH EYES AND SKIN. WEAR RUBBER GLOVES. WASTE STREAM NUMBER 84270
---	--

J. Additional Descriptions for Materials Listed Above SOIL CONTAMINATED WITH HYDROCARBONS SOLIDS, 100% OIL LESS THAN 1% HCVP 800ppm TOXIC METALS WITHIN ALLOWABLE LIMITS	K. Handling Codes for Wastes Listed Above 03
---	---

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 governmental regulations.

Printed/Typed Name Albert R Garcia	Signature Albert R Garcia	Date 9/9/85
---------------------------------------	------------------------------	----------------

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name FARRELL Cloud	Signature Farrell Cloud	Date 9/9/85
--	----------------------------	----------------

18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date
---	-----------	------

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. LF# 1 20y

Printed/Typed Name James G Swatt	Signature James G Swatt	Date 9/6/85
-------------------------------------	----------------------------	----------------

84841916

TRANSPORTER

FACILITY

Case print or type (Form designed for use on elite (12 pitch) typewriter)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CAX000235895**
Manifest Document No. **06153**

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

3. SHELL OIL COMPANY
P. O. BOX 6249
CARSON, CA 90749
Generator's Phone (213) 513-2037

GENERATING SITE
SHELL STATION
5755 BROADWAY
OAKLAND, CA

A. State Manifest Document Number
84841923

B. State Generator's ID

5. Transporter 1 Company Name
TT CORPORATION, BENICIA

6. US EPA ID Number
CAD980673222

C. State Transporter's ID
62888

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone

9. Designated Facility Name and Site Address
TT CORPORATION, BENICIA FACILITY
LAKE HERMAN ROAD
BENICIA, CA 94510

10. US EPA ID Number
CAD000060012

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID
CA0800060012

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
--------------------	--------------------	-----------------	---------------

a. **HAZARDOUS WASTE SOLID N.O.S., ORM-E, NA9189**

001	DT	00020	Y	611
-----	----	-------	---	-----

b.

c.

d.

J. Additional Descriptions for Materials Listed Above
SOIL CONTAMINATED WITH HYDROCARBONS
SOLIDS: 100%; OIL: LESS THAN 1%; HCVP: 800ppm
TOXIC METALS WITHIN ALLOWABLE LIMITS

K. Handling Codes for Wastes Listed Above
03

15. Special Handling Instructions and Additional Information
AVOID CONTACT WITH EYES AND SKIN. WEAR RUBBER GLOVES.
WASTE STREAM NUMBER 84270

Job # MT0244

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 governmental regulations.

Printed/Typed Name
Albert R. Garcia

Signature
Albert R. Garcia

Date
Month Day Year
9/0/85

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Bill Walker

Signature
Bill Walker

Date
Month Day Year
09/10/85

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name

Signature

Date
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. **LAF 207**

Printed/Typed Name
Raymond Elliott

Signature
Raymond Elliott

Date
Month Day Year
09/10/85

84841923

06153

Use print or type (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CAX000235895** Manifest Document No. **06159**
 2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

3. Generator's Mailing Address
SHELL OIL COMPANY
P. O. BOX 6249
CARSON, CA 90749
 Generator's Phone (213) **513-2037**

GENERATING SITE
SHELL STATION
5755 BROADWAY
OAKLAND, CA

A. State Manifest Document Number
84841925

5. Transporter 1 Company Name
TT CORPORATION, BENICIA

6. US EPA ID Number
CAD98067322

B. State Generator's ID
 C. State Transporter's ID
62888

7. Transporter 2 Company Name
TT CORPORATION, BENICIA FACILITY

8. US EPA ID Number
CAD000060012

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

9. Designated Facility Name and Site Address
TT CORPORATION, BENICIA FACILITY
LAKE HERMAN ROAD
BENICIA, CA 94510

10. US EPA ID Number
CAD000060012

G. State Facility's ID
CAD000060012
 H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. **HAZARDOUS WASTE SOLID N.O.S. ORM-E, NA9189**

0 0 1 D T 0 0 0 3 18 Y

12. Additional Descriptions for Materials Listed Above
SOIL CONTAMINATED WITH HYDROCARBONS
SOLIDS 100%, OIL LESS THAN 1% HCVP 800ppm
TOXIC METALS WITHIN ALLOWABLE LIMITS

K. Handling Codes for Wastes Listed Above
03

15. Special Handling Instructions and Additional Information
AVOID CONTACT WITH EYES AND SKIN. WEAR RUBBER GLOVES.
WASTE STREAM NUMBER 84270 Job # **MT0244**

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 governmental regulations.

Printed/Typed Name **Albert R. Garcia** Signature *Albert R. Garcia* Date **9/10/85**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **Bill Walker** Signature *Bill Walker* Date **9/10/85**

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name Signature Date

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 **James G. Knott** Signature *James G. Knott* Date **09/10/85**

84841925

Health and Welfare Agency
Type (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A X 0 0 0 2 3 5 8 9 5	Manifest Document No. 0 6 1 5 3	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
Mailing Address SHELL OIL COMPANY P.O. BOX 6249 CARSON, CA 90749 Generator's Phone (213) 513-2037		GENERATING SITE SHELL STATION 5755 BROADWAY OAKLAND, CA		A. State Manifest Document Number 84841-924	B. State Generator's ID	
6. Transporter 1 Company Name ITT CORPORATION, BENICIA		6. US EPA ID Number C A D 9 8 0 6 7 3 2 2		C. State Transporter's ID	D. Transporter's Phone (612) 297-8	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID	E. Transporter's Phone	
9. Designated Facility Name and Site Address ITT CORPORATION, BENICIA FACILITY LAKE HERMAN ROAD BENICIA, CA 94510		10. US EPA ID Number C A D 0 0 0 0 6 0 0 1 2		G. State Facility's ID	H. Facility's Phone	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HAZARDOUS WASTE SOLID N.O.S. ORM-E, NA9189			12. Containers No. Type 0 0 1 D T	13. Total Quantity 0 0 0 2 0	14. Unit WUV	15. Waste No. 611
13. Additional Descriptions for Materials Listed Above SOIL CONTAMINATED WITH HYDROCARBONS SOLIDS 100% OIL LESS THAN 1% HCVP 800ppm TOXIC METALS WITHIN ALLOWABLE LIMITS			K. Handling Codes for Wastes Listed Above 05			
15. Special Handling Instructions and Additional Information AVOID CONTACT WITH EYES AND SKIN. WEAR RUBBER GLOVES. WASTE STREAM NUMBER 84270						
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 governmental regulations.						
Printed/Typed Name Albert R. Garcia		Signature <i>Albert R. Garcia</i>		Date 9 19 85		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Calvin Horner		Signature <i>Calvin Horner</i>		Date 9 20 85		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Date		
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 Julius Montgomery		Signature <i>Julius Montgomery</i>		Date 9 19 85		

While: TSDF SENDS THIS COPY TO DPHS WITHIN 30 DAYS
To: P.O. Box 3000, Sacramento CA 95812

Health and Welfare Agency
Type (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A X 0 0 0 2 3 5 8 9 5 0 6 1 5 3	Manifest Document No. 0 6 1 5 3	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Shipper's Mailing Address P.O. BOX 6249 CARSON, CA 90749 Generator's Phone (213) 513-2037		GENERATING SITE SHELL STATION 5755 BROADWAY OAKLAND, CA		A. State Manifest Document Number 84841920	B. State Generator's ID
6. Transporter 1 Company Name TT CORPORATION, BENICIA		a. US EPA ID Number C A D 9 8 0 6 7 3 2 2 2		C. State Transporter's ID 61294	D. Transporter's Phone 415-878-5
7. Transporter 2 Company Name		a. US EPA ID Number		E. State Transporter's ID	F. Transporter's Phone
9. Designated Facility Name and Site Address TT CORPORATION, BENICIA FACILITY LAKE HERMAN ROAD BENICIA, CA 94510		10. US EPA ID Number C A D 0 0 0 0 6 0 0 1 2		G. State Facility's ID CA 000060012	H. Facility's Phone
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
HAZARDOUS WASTE SOLID N.O.S., ORM-E, NA9189			0 0 1	D T 0 0 0 2 0	Y
Additional Descriptions for Materials Listed Above SOIL CONTAMINATED WITH HYDROCARBONS SOLIDS 100% OIL LESS THAN 1% HCVP 800ppm TOXIC METALS WITHIN ALLOWABLE LIMITS			K. Handling Codes for Wastes Listed Above 03		
15. Special Handling Instructions and Additional Information AVOID CONTACT WITH EYES AND SKIN. WEAR RUBBER GLOVES. WASTE STREAM NUMBER 84270					
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 governmental regulations.					
Printed/Typed Name Albert R Garcia		Signature <i>Albert R Garcia</i>		Date 9/19/85	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Tom Hansen		Signature <i>Tom Hansen</i>		Date 09/19/85	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
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. U# 1 209					
Printed/Typed Name Stacy Allgaier		Signature <i>S. Allgaier</i>		Date 9/19/85	

White: TSDF SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 3000, Sacramento CA 95812

04841320

Job # MT 0244

See print or type. (Form designed for use on elite (12-pitch) typewriter)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAX0000235895		Manifest Document No. 08159		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Mailing Address P. O. BOX 6249 CARSON, CA 90749		GENERATING SITE SHELL STATION 5755 BROADWAY OAKLAND, CA		A. State Manifest Document Number 84841918		B. State Generator's ID			
4. Generator's Phone (213) 513-2037		6. Transporter 1 Company Name ITE CORPORATION, BENICIA		8. US EPA ID Number CAD980673222		C. State Transporter's ID 61297-8		D. Transporter's Phone 829-5100	
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 ITE CORPORATION, BENICIA FACILITY LAKE HERMAN ROAD BENICIA, CA 94510		10. US EPA ID Number CAD000060012		G. State Facility's ID CA000060012		H. Facility's Phone			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
a. HAZARDOUS WASTE SOLID N.O.S., ORM-E, NA9189				0-0-1 D-T		00020		Y	
b.									
c.									
d.									
J. Additional Descriptions for Materials Listed Above SOIL CONTAMINATED WITH HYDROCARBONS SOLIDS 100% OIL LESS THAN 1% HCVP 800ppm TOXIC METALS WITHIN ALLOWABLE LIMITS				K. Handling Codes for Wastes Listed Above 03					
15. Special Handling Instructions and Additional Information AVOID CONTACT WITH EYES AND SKIN. WEAR RUBBER GLOVES. WASTE STREAM NUMBER 84270									
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 governmental regulations.									
Printed/Typed Name Albert R Garcia				Signature <i>Albert R Garcia</i>				Date 9/9/85	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name Calvin Horner				Signature <i>Calvin Horner</i>				Date 09/19/85	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature				Date	
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. LPH 20y									
Printed/Typed Name Julius Montgomery				Signature <i>Julius Montgomery</i>				Date 9/19/85	

84841918

96153

Basic print of type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CAX000235895** Manifest Document No. **06153**

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

3. Generator's Company Mailing Address

**GENERATING SITE
SHELL STATION
5755 BROADWAY
OAKLAND, CA**

A. State Manifest Document Number **84841917**

**P. O. BOX 6249
CARSON, CA 90749**

4. Generator's Phone (213) 513-2037

B. State Generator's ID Number

5. Transporter 1 Company Name

6. US EPA ID Number **CAD980673222**

C. State Transporter's ID **61294**

IT CORPORATION, BENICIA

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number **CAD000060012**

E. State Transporter's ID

**IT CORPORATION, BENICIA FACILITY
LAKE HERMAN ROAD
BENICIA, CA 94510**

F. Transporter's Phone

G. State Facility's ID **CAD000060012**

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a.	b.	c.	d.	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
				No.	Type			
	HAZARDOUS WASTE SOLID N.O.S., ORM-E, NA9189			001	DT	00020	Y	611

16. Additional Descriptions for Materials Listed Above

**SOIL CONTAMINATED WITH HYDROCARBONS
SOLIDS 100% OIL LESS THAN 17 HCVP 800ppm
TOXIC METALS WITHIN ALLOWABLE LIMITS**

K. Handling Codes for Wastes Listed Above

03

15. Special Handling Instructions and Additional Information

**AVOID CONTACT WITH EYES AND SKIN. WEAR RUBBER GLOVES.
WASTE STREAM NUMBER 84270**

18. 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 governmental regulations.

Printed/Typed Name **Albert R. Garcia** Signature **Albert R. Garcia** Date **9/9/85**

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name **Tom Hansen** Signature **Tom Hansen** Date **09/09/85**

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date

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 **James G. Kutt** Signature **James G. Kutt** Date **09/09/85**

84841917

MAJ-0244

06153

(Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST 1. Generator's US EPA ID No. Manifest Document No. 2. Page 1 of 1 Information in the shaded areas is not required by Federal law

GENERATING SITE SHELL STATION 5755 BROADWAY OAKLAND, CA 94612
A. State Manifest Document Number: 84841924
B. State Generator's ID: [blacked out]

Generator's Mailing Address: SHELL OIL COMPANY, P.O. BOX 6249, CARSON, CA 90749
Generator's Phone: (213) 513-2037
C. State Transporter's ID: 67297-8
D. Transporter's Phone: 228-5100

Transporter 1 Company Name: ITT CORPORATION, BENICIA
Transporter 2 Company Name: [blacked out]
E. State Transporter's ID: [blacked out]
F. Transporter's Phone: [blacked out]

Designated Facility Name and Site Address: ITT CORPORATION, BENICIA FACILITY, LAKE HERMAN ROAD, BENICIA, CA 94510
US EPA ID Number: KAD000060012
G. State Facility's ID: KAD000060012
H. Facility's Phone: [blacked out]

Table with 5 columns: US DOT Description, 12. Containers No., 12. Containers Type, 13. Total Quantity, 14. Unit wt/vol, 15. Waste No.

Additional Descriptions for Materials Listed Above: SOIL CONTAMINATED WITH HYDROCARBONS, SOLIDS 100%, OIL LESS THAN 1%, HCVP 800ppm, TOXIC METALS WITHIN ALLOWABLE LIMITS
K. Handling Codes for Wastes Listed Above: 03

15. Special Handling Instructions and Additional Information: AVOID CONTACT WITH EYES AND SKIN. WEAR RUBBER GLOVES. WASTE STREAM NUMBER 84270

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 governmental regulations.

Printed/Typed Name: Albert R Garcia
Signature: [Signature]
Date: 9/10/85

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Calvin Hansen
Signature: [Signature]
Date: 09/10/85

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: [blacked out]
Signature: [blacked out]
Date: [blacked out]

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: James G. Knott
Signature: [Signature]
Date: 09/10/85

84841924

M.K. 0244

(Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No. **CAX00023589506153**
Manifest Document No. **06153**

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

3. Mailing Address
**SHELL OIL COMPANY
P. O. BOX 6249
CARSON, CA 90749
Generator's Phone (213) 513-2037**

GENERATING SITE
**SHELL STATION
5755 BROADWAY
OAKLAND, CA**

A. State Manifest Document Number
84841922

B. State Generator's ID

5. Transporter 1 Company Name
IT CORPORATION, BENICIA

6. US EPA ID Number
CAD980673222

C. State Transporter's ID
6199-8

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone
228-5160

9. Designated Facility Name and Site Address
**IT CORPORATION, BENICIA FACILITY
LAKE HERMAN ROAD
BENICIA, CA 94510**

10. US EPA ID Number
CAD000060012

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID
02000060012

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type

13. Total Quantity

14. Unit Wtr/No

a. **HAZARDOUS WASTE SOLID N.O.S. ORM-E, NA9189**

0 0 1 D T 0 0 0 2 0 Y

b.

c.

d.

J. Additional Descriptions for Materials Listed Above
**SOIL CONTAMINATED WITH HYDROCARBONS
SOLIDS - 100% OIL - LESS THAN 1% HCVP - 800ppm
TOXIC METALS WITHIN ALLOWABLE LIMITS**

K. Handling Codes for Wastes Listed Above
03

15. Special Handling Instructions and Additional Information
**AVOID CONTACT WITH EYES AND SKIN. WEAR RUBBER GLOVES.
WASTE STREAM NUMBER 84270**

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 governmental regulations.

Printed/Typed Name
Albert R. Garcia

Signature
Albert R. Garcia

Date
9/10/85

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
Calvin Hanner

Signature
Calvin Hanner

Date
9/10/85

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

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
Julius Montgomery

Signature
Julius Montgomery

Date
9/10/85

84841922

Form designed for use on elite (12-pitch) typewriter.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CAX000.0235895** Manifest Document No. **08159**

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

3. Shipper's Mailing Address
**P. O. BOX 6249
CARSON, CA 90749**

**GENERATING SITE
SHELL STATION
5755 BROADWAY
OAKLAND, CA**

A. State Manifest Document Number
84841919

B. State Generator's ID

6. Transporter 1 Company Name
ITT CORPORATION, BENICIA

8. US EPA ID Number
CAD980.673222

C. State Transporter's ID
41299

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone
707-745-8485

9. Designated Facility Name and Site Address
**ITT CORPORATION, BENICIA FACILITY
LAKE HERMAN ROAD
BENICIA, CA 94510**

10. US EPA ID Number
CAD000.060012

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID
CAD000060012

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type

a. **HAZARDOUS WASTE SOLID N.O.S., ORM-E, NA9189**

13. Total Quantity
0.0020

b.

14. Unit Wt/Vol
Y

c.

15. Waste No.

d.

16. Waste No.

17. Additional Descriptions for Materials Listed Above

**SOIL CONTAMINATED WITH HYDROCARBONS
SOLIDS 100% OIL LESS THAN 1% HCVP 800ppm
TOXIC METALS WITHIN ALLOWABLE LIMITS**

18. Handling Codes for Wastes Listed Above

03

15. Special Handling Instructions and Additional Information

**AVOID CONTACT WITH EYES AND SKIN. WEAR RUBBER GLOVES.
WASTE STREAM NUMBER 84270**

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 governmental regulations.

Printed/Typed Name: **Albert R Garcia** Signature: *Albert R Garcia* Date: **9/9/85**

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: **FARREN Cloud** Signature: *Farren Cloud* Date: **09/09/85**

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Date:

19. Discrepancy Indication Space

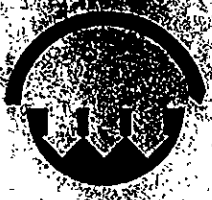
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: **James G. Holt** Signature: *James G. Holt* Date: **09/09/85**

84841919

Case No. 20831

KWJ



ASSOCIATES
Consultants in Wastes
Management and
Environmental Control

EMCON ASSOCIATES, INC.
GENERAL CONTRACTORS

August 1, 1985
Project 738-04.01

Gettler-Ryan, Incorporated
1992 National Avenue
Hayward, California 94545

Attention: Mr. Jeffrey M. Ryan

Re: Shell Service Station,
Broadway and Taft
Streets, Oakland,
California

Gentlemen:

This letter presents the results of a soil and ground-water investigation conducted by EMCON Associates at the Shell service station located at Broadway and Taft Streets in Oakland, California. The purpose of this investigation was to examine soil and ground-water conditions adjacent to the subsurface product storage tanks located at the site.

FIELD INVESTIGATION PROCEDURES

Two exploratory borings (S-A and S-1) were drilled at the locations shown on Figure 1. The borings were drilled using continuous-flight hollow-stem auger drilling equipment and were logged by an EMCON geologist. Soil samples for logging and chemical analysis were obtained from auger-return materials and by advancing a California split-spoon sampler into undisturbed soil beyond the tip of the auger. Soil samples for chemical testing were placed in glass containers, packed on ice and delivered directly to an independent laboratory as authorized by Gettler-Ryan. Laboratory results accompany this report.

Upon completion of Boring S-1 it was converted to a ground-water monitoring well by the installation of 3-inch-diameter PVC casing. Well construction details accompany the attached Exploratory Boring Logs. Boring S-A was backfilled with soil cuttings to a depth of 0.5 foot and cemented to the ground surface.

SITE CONDITIONS

Soil Boring S-A was placed within the subsurface gasoline tank complex. Ground-water monitoring Well S-1 was placed downgradient of the tank complex. Subsurface conditions explored by the borings ranged in depth from 11 to 12.5 feet. Boring S-A encountered clay, gravel and sand fill to a depth of 9 feet, underlain by shale bedrock to a depth of 11 feet. Boring S-1 encountered gravelly clay fill to a depth of 3.5 feet, underlain by gravelly clay to a depth of 12 feet. The gravelly clay is underlain by gravel to a depth of 12.5 feet. Ground water was encountered in both borings at a depth of approximately 3 feet.

Product odor was noted in soils from Boring S-A to a depth of 11 feet and in Boring S-1 to a depth of 6 feet.

LABORATORY INVESTIGATIONS AND RESULTS

Three soil samples collected from Boring S-A between a depth of 4 to 11.5 feet were analyzed for gasoline. Relatively low concentrations were detected in the soil between 4 and 10 feet at 2 to 3 parts per million (ppm). No gasoline was detected in the soil sample analyzed from a depth of 10 to 11.5 feet.

Laboratory analysis of ground water from Well S-1 revealed dissolved gasoline concentrations of 2,400 micrograms per liter or 2,400 parts per billion (see attached laboratory results).

If you have any questions regarding the contents of this letter, please do not hesitate to call.

Very truly yours,

EMCON Associates



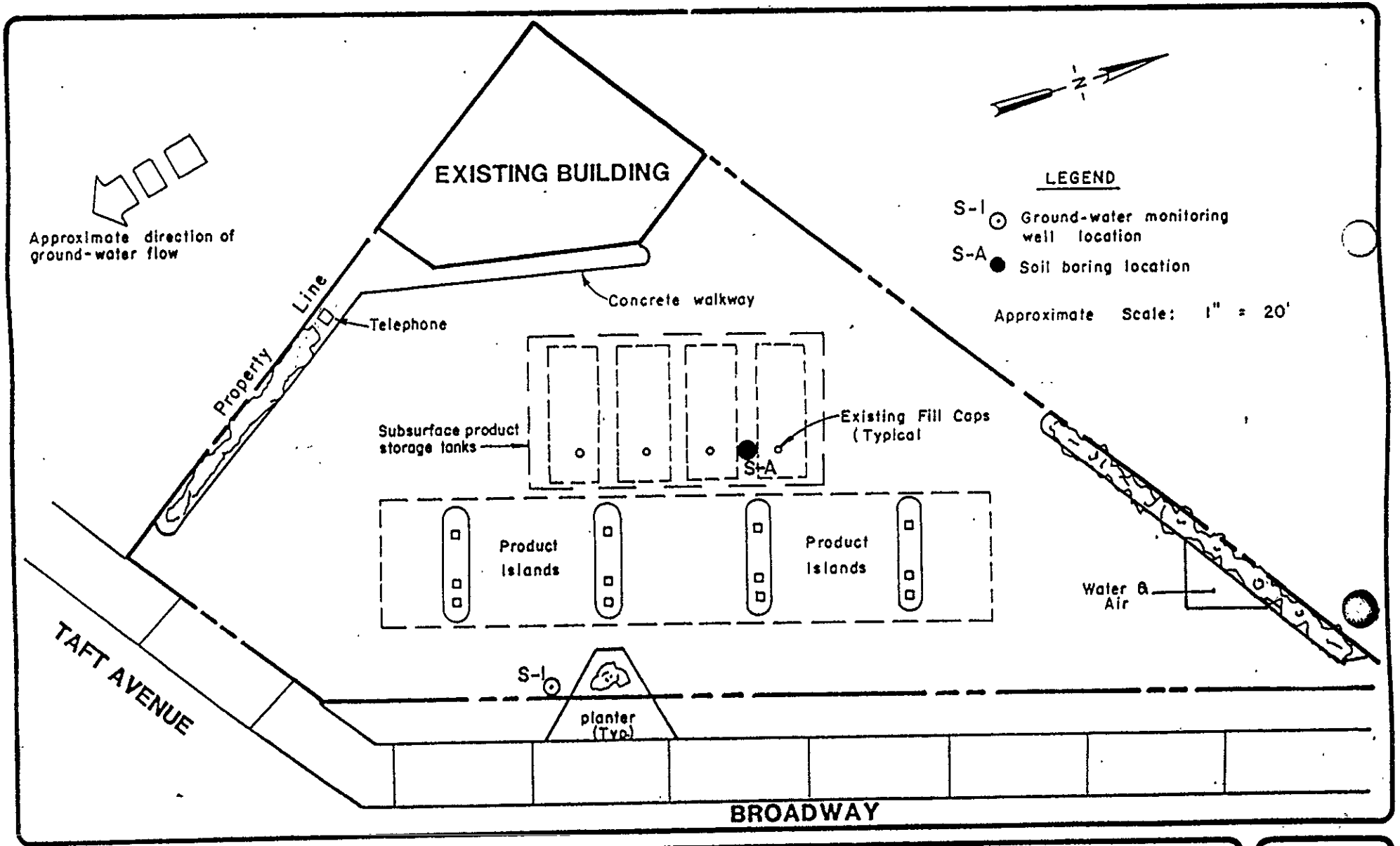
Erin Garner
Staff Geologist



Susan M. Willhite
Project Geologist

EG/SMW:mtg

Enclosures




EMCON
Associates
San Jose, California

GETTLER-RYAN, INC.
SUBSURFACE HYDROGEOLOGIC INVESTIGATION
SHELL STATION, 5755 BROADWAY
OAKLAND, CALIFORNIA

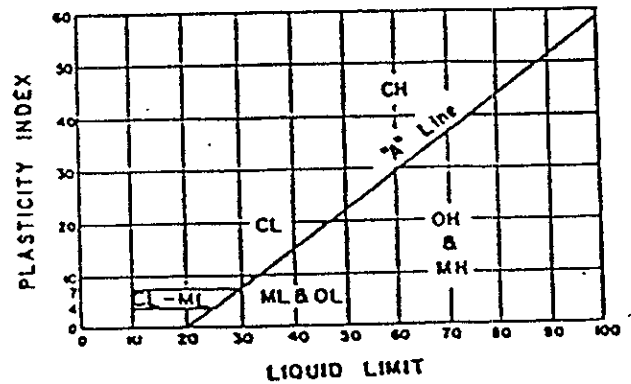
MONITORING WELL LOCATION MAP

FIGURE
1
PROJECT NO.
73.8-04.01

MAJOR DIVISIONS	SYMBOLS	TYPICAL SOIL DESCRIPTIONS	
GRAVELS (More than 1/2 of coarse fraction > no. 200 sieve size)	GW	Well graded gravels or gravel-sand mixtures, little or no fines	
	GP	Poorly graded gravels or gravel-sand mixtures, little or no fines	
	GM	Silty gravels, gravel-sand-silt mixtures	
	GC	Clayey gravels, gravel-sand-clay mixtures	
	SANDS (More than 1/2 of coarse fraction < no. 4 sieve size)	SW	Well graded sands or gravelly sands, little or no fines
		SP	Poorly graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
SILTS & CLAYS <u>LL < 50</u>	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity	
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays	
	OL	Organic silts and organic silty clays of low plasticity	
	SILTS & CLAYS <u>LL > 50</u>	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic clays of medium to high plasticity, organic silty clays, organic silts
HIGHLY ORGANIC SOILS	P1	Peat and other highly organic soils	

CLASSIFICATION CHART
(Unified Soil Classification System)

CLASSIFICATION	RANGE OF GRAIN SIZES	
	U.S. Standard Sieve Size	Grain Size in Millimeters
BOULDERS	Above 12"	Above 305
COBBLES	12" to 3"	305 to 76.2
GRAVEL coarse fine	3" to No. 4	76.2 to 4.76
	3" to 3/4"	76.2 to 19.1
	3/4" to No. 4	19.1 to 4.76
SAND coarse medium fine	No. 4 to No. 200	4.76 to 0.074
	No. 4 to No. 10	4.76 to 2.00
	No. 10 to No. 40	2.00 to 0.420
	No. 40 to No. 200	0.420 to 0.074
SILT & CLAY	Below No. 200	Below 0.074



PLASTICITY CHART

GRAIN SIZE CHART

METHOD OF SOIL CLASSIFICATION



NOTES:

Logs of Exploratory Boring

2.5 YR 6/2

Denotes color as field checked to Munsell Soil Color Charts -(1975 Edition)



Denotes undisturbed sample taken in 2-inch split-spoon sampler.



Denotes disturbed sample (bag sample).



Denotes first observation of ground water.



Denotes static ground-water level.

Penetration

Sample drive hammer weight - 140 pounds, drop - 30 inches. Blows required to drive sampler 1 foot are indicated on the logs.

LOG OF EXPLORATORY BORING

PROJECT NUMBER 738-04.01

BORING NO. S-A

PROJECT NAME Gettler-Ryan Shell at Broadway and Taft, Oakland PAGE 1 OF 1

BY JDB DATE 6/11/85

SURFACE ELEV.

TORVANE (TSF)	POCKET PENETRO- METER (TSF)	PENETRA- TION (Blows/ Ft.)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION
			▽	5	5	CL	<p>CONCRETE CLAY; Fill; very dark grayish brown (2.5Y, 3/2); trace sand; 25-30% fine to coarse gravel; (60% gravel at 3'); stiff; wet; product odor.</p>
		5			5	SP - GP - GC	<p>SAND; COARSE GRAVEL; CLAYEY GRAVEL, Fill; light olive brown (2.5Y, 5/6); loose; wet; product odor.</p>
		47			10	Bed Rock	<p>BEDROCK; SHALE; olive (5Y, 4/3); silty; FeO stained; highly fractured; hard; wet; slight product odor.</p>
		75					<p>HOLE TERMINATED AT 11 FEET</p>
					15		

REMARKS

Boring was backfilled with cuttings, to a depth of .5 feet, then cement to surface.



LOG OF EXPLORATORY BORING

PROJECT NUMBER 738-04-01

BORING NO. S-1

PROJECT NAME Gettler-Pyan, Shell @ Broadway & Taft, Oakland

PAGE 1 OF 1

BY JDB DATE 6/11/85

SURFACE ELEV. _____

TORVANE (TSF)	POCKET PENETRO- METER (TSF)	PENETRA- TION (Blows/ FL)	GROUND WATER LEVELS	DEPTH IN FT	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION
			▽	0		CL Fill	<p>CONCRETE</p> <p>CLAY; Fill; very dark grayish brown (2.5Y, 3/2); gravelly; trace sand; damp; no product odor.</p>
				5		CL	<p>GRAVELLY CLAY; dark yellowish brown (10YR, 4/6); trace sand; damp; no product odor.</p> <p>@6': becomes olive brown (10YR, 4/6); slight product odor.</p> <p>@7': becomes dark yellowish brown (10YR, 4/6); 30-50% fine to medium gravel; very stiff to hard; no product odor.</p> <p>@8½': gravel content increases to 9½'; no product odor.</p>
	2.5-5	37		10		GW	<p>GRAVEL; olive gray (2.5Y, 6/2); coarse angular gravel; very dense; damp; no product odor.</p>
	2-4	20		15			
		50 for 3"		20			<p>HOLE TERMINATED AT 12½ FEET.</p>

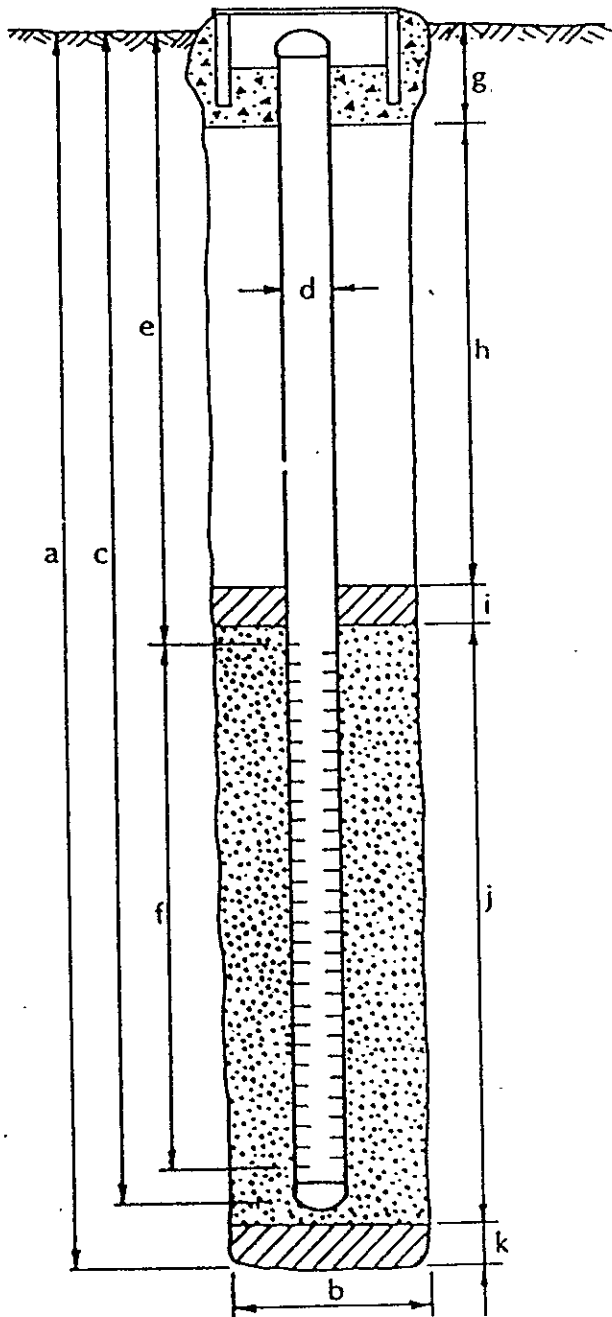
REMARKS Boring converted to ground water monitoring well. details on Plate C.

WELL DETAILS



PROJECT NUMBER 738-04.01 BORING / WELL NO. S-1
 PROJECT NAME Gettler-Ryan, Shell Broadway & Taft TOP OF CASING ELEV. _____
 COUNTY Alameda GROUND SURFACE ELEV. _____
 WELL PERMIT NO. _____ DATUM _____

G-5 vault box (Std.)



EXPLORATORY BORING

a. Total depth 10.1
 b. Diameter 6
 Drilling method Hollow-Steer

WELL CONSTRUCTION

c. Casing length 30
 Material Schedule 40 EWC
 d. Diameter 6
 e. Depth to top perforations 1
 f. Perforated length 1
 Perforated interval from 1 to 2
 Perforation type Machined
 Perforation size .020
 g. Surface seal 1
 Seal material Cement
 h. Backfill 1
 Backfill material included in 1
 i. Seal 1
 Seal material Bentonite
 j. Gravel pack (12 1/2 to 14) 1
 Pack material 5 x 12
 k. Bottom seal 1
 Seal material _____



July 12, 1985

Emcon Associates
90 Archer Street
San Jose, CA 95112

Reference: Shell Purchase Order No. MOH056751

ATTN: Erin Garner

Following are the results of our analysis for the presence of volatile hydrocarbons due to gasoline in three samples of soil received on June 21, 1985.

The samples were examined using the purge and trap technique. Final detection was by gas chromatography using a flame ionization detector and a Carbo-pack B/3% SP-1500 column. This method allows for the detection of aliphatic hydrocarbons from C₅ through C₁₀ and aromatic hydrocarbons through substituted benzenes. Hydrocarbons C₅-C₇, benzene and toluene were calculated by comparing the sample chromatogram to a fresh gasoline standard. Hydrocarbons C₈-C₁₀ ethyl benzene, xylenes and other substituted aromatics were calculated by comparing to a standard of gasoline which had been evaporated to 35% of its original weight. The results given below are the sum of hydrocarbons in these two ranges.

nd = none detected		Results
Lab. #	Sample Identification	Parts per Million (dry soil basis) Volatile Hydrocarbons Due to Gasoline
	Job 738-04.01, 5755 Broadway	
29613	S-A @ 4 - 5.5', 6/11/85	3.
29614	S-A @ 8.5 - 10', 6/12/85	2.
29615	S-A @ 10 - 11.5', 6/11/85	nd
	Detection Limit	2.

Patricia L. Murphy
Patricia L. Murphy

PLM/jd

cc: Stan Roller
Shell Oil Co.

Regional Office

IT Corporation • 327 Mathew Street • Santa Clara California 95050 • 408-727-4277

EMCON ASSOCIATES • CHEMICAL LABORATORIES

Analysis • Consultation • Research • Environmental Studies
State Approved Water Laboratory



CERTIFIED ANALYTICAL REPORT

Report to: Gettler-Ryan
1992 National Avenue
Hayward, CA 94545

Location: Shell

Date Received July 3, 1985
Laboratory Number E85-0517
Project Number 738-04.01
Date Sampled July 3, 1985

WATER

SAMPLE ID S-1
SAMPLE DATE 7/3

PARAMETER

Benzene ug/l	240
Toluene ug/l	9.8
Xylenes and Ethylbenzene ug/l	380
Gasoline ug/l	2400

Reported by: Patsy M. ... Date: 7-24-85

90 ARCHER STREET, SAN JOSE, CALIFORNIA 95112

TELEPHONE (408) 275-1111

These results were obtained by following standard laboratory procedures. The liability of the corporation shall not exceed the amount paid for this analysis.