

Shell Oil Company



EAST BAY
MARKETING DISTRICT

P. O. Box 4023
Concord, CA 94524
(510) 675-6100

June 14, 1993

Jennifer Eberle
County of Alameda
Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

RE: TEST RESULTS REQUEST FOR SHELL STATION AT 350 GRAND AVE.,
OAKLAND, CA 94610

Please find enclosed the test results for the above service station which you requested from our Mr. Dan Kirk, Environmental Engineer.

If you have any questions, please contact our office.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Karen D. Clark".

Karen D. Clark
HS&E Administrative Support

Enclosures

cc: Dan Kirk

✓ w/Larry Seto

04KC2802

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P. O. Box 4023
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June 14, 1993

County of Alameda
Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

RE: TEST RESULTS

Please find enclosed the test results for the Shell service station(s) listed below that are within your jurisdiction.

If you have any questions, please contact our office.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Karen D. Clark", is written over the typed name.

Karen D. Clark
HS&E Administrative Support

Enclosures

Shell, 285 Hegenberger Rd. Oakland, CA
Shell, 350 Grand Ave., Oakland, CA
Shell, 540 Hegenberger Rd., Oakland, CA
Shell, 105 5th St., Oakland, CA
Shell, 2120 Montana St., Oakland, CA

04KC2802

CERTIFICATE OF UNDERGROUND LINE TESTING

just the lines?

NDE ENVIRONMENTAL CORPORATION
20000 Mariner Avenue, Suite 500
Torrance, California 90503
(310) 542-4342

Test Date: **26 May 1993**

Work Order#: **961091**

Client: **SHELL OIL COMPANY**
P.O. BOX 4023
CONCORD, CA **94524**
Attn: **KAREN CLARK**

Site: **SHELL 204-5510-0204**
350 GRAND AVE.
OAKLAND, CA **94610**

The following tests were conducted at the site described above in accordance with all applicable portions of Federal, NFPA, and Local regulations.

PRECISION LINE TEST SUMMARY

Line No.	Product I.D.	Type System	Pressure Applied (psi)	Test Duration (min)	Leak Rate (gph)	Pass/Fail
1	UNLEADED	PRESSURE	50	30	0.005	PASS
2	PREMIUM	PRESSURE	50	30	0.008	PASS
3	PLUS	PRESSURE	50	30	0.008	PASS
4	DIESEL	PRESSURE	50	30	0.005	PASS
5						
6						

LEAK DETECTOR TEST SUMMARY

Line No.	Product I.D.	Leak Detector Present	Leak Calibration (milliliters)	Pass/Fail	Serial #
1	UNLEADED	YES	252	PASS	306845691
2	PREMIUM	YES	252	PASS	101842270
3	PLUS	YES	252	PASS	101895538
4	DIESEL	YES	252	PASS	210888542
5					
6					

NDE appreciates the opportunity to serve you, and looks forward to working with you in the future. Please call any time, day or night, when you need us.

NDE Customer Service Representative

Testing conducted by

F. MILLER

M. LEVESQUE

Reviewed by:

Benjamin Alicea
Benjamin Alicea

Technician certification no.:

1405

LINE TEST DATA

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
Product:	UNLEADED	PREMIUM	PLUS	DIESEL		
Pump type:	PRESSURE	PRESSURE	PRESSURE	PRESSURE		
Pump Make:	WAYNE	WAYNE	WAYNE	REDJACKET		
Isolator:	BULLET	BULLET	BULLET	ELEMENT		
Line Material:	STEEL	STEEL	STEEL	STEEL		
Line Length (ft):	35	35	35	30		
Line Diameter (in):	2	2	2	2		
Test pressure (psi)	50	50	50	50		
Bleed Back (cc):	15	10	10	10		
Test start time:	09:00	09:00	09:35	09:35	:	:
Time (1):	09:10	09:10	09:45	09:45	:	:
Finish PSI:	50	50	50	49		
Vol Change (cc):	0	0	0	10		
Time (2):	09:20	09:20	09:55	09:55	:	:
Finish PSI:	49	49	50	49		
Vol Change (cc):	10	15	0	0		
Time (3):	09:30	09:30	10:05	10:05	:	:
Finish PSI:	49	49	49	49		
Vol Change (cc):	0	0	15	0		
Volume change-GPH:	0.005	0.008	0.008	0.005		
Pass/Fail:	PASS	PASS	PASS	PASS		

LINE TEST COMMENTS:

LEAK DETECTOR DATA

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
Serial number:	1	2	3	4		
Product:	UNLEADED	PREMIUM	PLUS	DIESEL		
Leak Detector manufacturer:	REDJACKET	REDJACKET	REDJACKET	REDJACKET		
Leak detector model:	D.L.D.	D.L.D.	D.L.D.	P.L.D.		
Leak detector serial number:	306845691	101842270	101895538	21088854		
Open time - sec:	5	5	5	3		
Element holding-psi:	13	12	12	10		
Resiliency - cc:	100	100	100	310		
Leak calibration-cc:	252	252	252	252		
Leak Rate - GPH:	4.00	4.00	4.00	4.00		
Metering PSI:	10	10	10	10		
Detected Leak (Y/N):	YES	YES	YES	YES		
Pass/Fail:	PASS	PASS	PASS	PASS		

FAILED LEAK DETECTORS

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
Leak Detector manufacturer:						
Leak detector model:						
Leak detector serial number:						
Leak Rate - GPH:						
Pass/Fail:						

LEAK DETECTOR TEST COMMENTS:

COMMENTS

SITE CONDITIONS, NECESSARY REPAIRS:

ADDITIONAL WORK PERFORMED:
THE TANKS ARE MONITORED BY AN API-RONAN X76ETM.
THIS SYSTEM IS CERTIFIED OPERATIONAL.

PARTS/EQUIPMENT PROVIDED:

Was lock-out/tag-out procedure used?: YES
Was location fully operational upon leaving site?: YES
Was a visual inspection of all submersible pumps, leak detectors, dispensers, etc. conducted while on-site?: YES
Was station manager or attendant present during final inspection?: YES