

WATER WORK CORP.  
A RESNA Company

**RESNA**  
Environmental Solutions  
Through Applied Science,  
Engineering & Construction

COPY

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November 14, 1991

Mr. Paul M. Smith  
Hazardous Materials Specialist  
Alameda County Department of  
Environmental Health  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621

→ • 11/14 QR

CALIFORNIA REGIONAL WATER

NOV 18 1991

QUALITY CONTROL BOARD

RE: Former Desert Petroleum Station #793, 4035 Park Blvd., Oakland, CA 94602

Dear Mr. Smith:

Attached are the initial monitoring data for the referenced site as requested in your November 5 correspondence. Table 1 summarizes free product thickness, Table 2 presents volume of free product bailed from the wells, and Table 3 reports vapor concentrations at various points on and off site. Of note are the lack of appreciable vapor concentrations at any points other than within the monitoring wells. Vapor readings are in parts per million, volume basis, and were measured with a Thermo-Environmental Model 580 Photoionization Detector calibrated to isobutylene.

We will continue with the weekly monitoring/bailing schedule. The results will be presented in our next quarterly report.

If you have any questions or comments, please contact me at your convenience.

Respectfully,  
RESNA Industries

Gregory P. Stahl  
CA Registered Geologist No. 5023

GPS/bja  
pc: CRWQCB  
John Rutherford  
Lou Carpiac

**TABLE 1**

**FREE PRODUCT THICKNESS  
DESERT PETROLEUM, OAKLAND**

WELL ID				
DATE	RS-1	RS-5	RS-6	RS-7
12/20/90	---	5/8"	1/16"	3/8"
02/15/91	---	5/8"	1/16"	1/4"
06/12/91	---	1"	---	1"
09/13/91	---	2.5"	1/8"	1/4"
11/13/91	---	5/8"	---	---

**TABLE 2**

**BAILED VOLUME OF FREE PRODUCT  
(in liters)  
DESERT PETROLEUM, OAKLAND**

WELL ID				
DATE	RS-1	RS-5	RS-6	RS-7
12/20/90	---	~ 19 (Water + Product)	~ 19 (Water + Product)	~ 19 (Water + Product)
02/15/91	---	~ 19 (Water + Product)	~ 19 (Water + Product)	~ 19 (Water + Product)
06/12/91	---	~ 28 (Water + Product)	-----	~ 28 (Water + Product)
09/13/91	---	~ .167	~ .167	~ .167
11/13/91	---	.05	-----	-----

TABLE 3

**VAPOR MONITORING DATA (PID READINGS IN ppm)  
DESERT PETROLEUM, OAKLAND**

LOCATION*	DATE					
	11/13/91					
PG&E Box 1	1.5 ppm					
PG&E Box 2	1.5 ppm					
Storm Drain 1	3.5 ppm					
Storm Drain 2	2.7 ppm					
Water Box	29. ppm					
Hampel St. Storm Drain	14. ppm					
Brighton Ave. Storm Drain	1. ppm					
Brighton Ave. Manhole	0.0 ppm					
RS-1	50. ppm					
RS-5	1632 ppm					
RS-6	103 ppm					
RS-7	104 ppm					
Background	.7-1.2 ppm					
Crawl Space 4038 Brighton Ave.	0 ppm					
Crawl Space 4032 Brighton Ave.	0 ppm					
Crawl Space 4026 Brighton Ave.	0 ppm					
Crawl Space 4020 Brighton Ave.	0 ppm					
Vault Below Station 4035 Park Blvd.	6.0 ppm					

\* See Figure 2 for locations

# WATERWORK



Figure 1  
Site Location Map  
Desert Petroleum SS#793  
4035 Park Boulevard  
Oakland, CA

Legend



Site Location

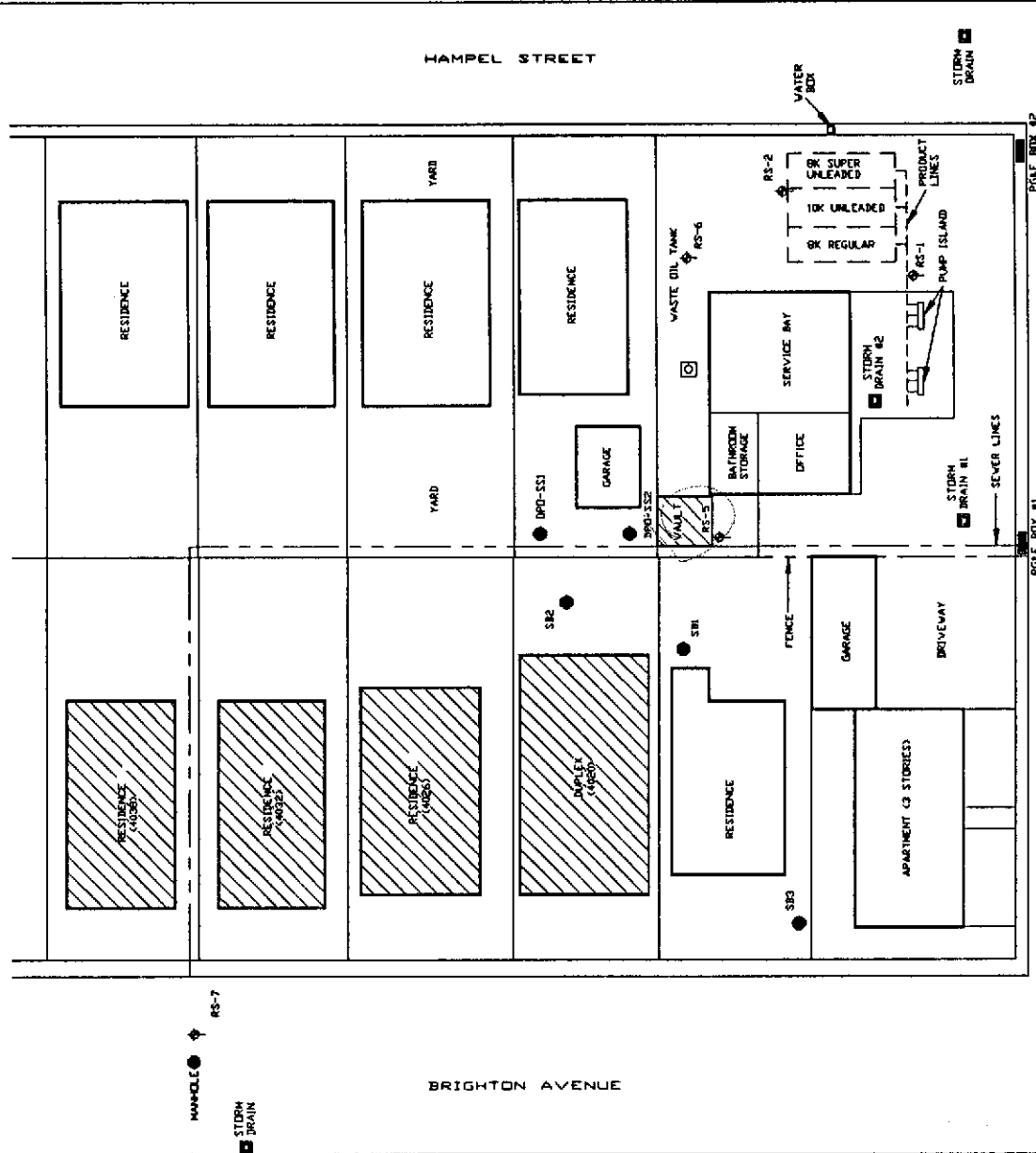


Scale in Feet



0 2640

**WATERWORK**



- LEGEND:**
- RS-7 MONITORING WELL
  - SB2 WATERWORK SOIL BORING
  - VAPOR MONITORING POINT

FIGURE 2

SITE PLAN  
 DESERT PETROLEUM SS#793  
 4035 PARK BOULEVARD  
 OAKLAND, CA

