

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

INTERNAL MEMO

TO: PWJ
LPC Section Leader

FROM GSZ
WRCE

PWJ

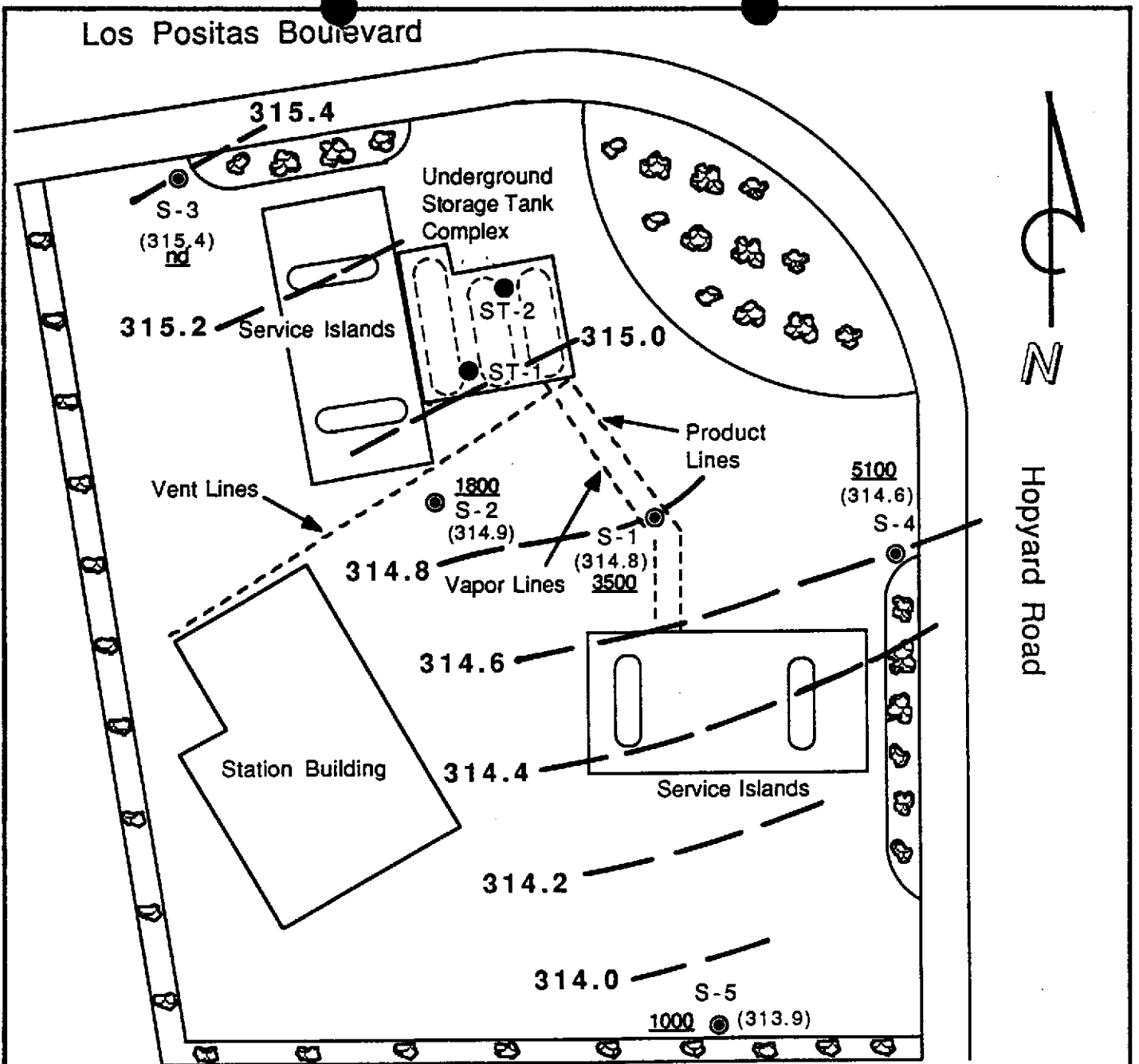
DATE: 4/11/88

SIGNATURE

SUBJECT: Shell Service Station, Hopyard and Los Positas,
Pleasanton

NOTE: This site is less than 1/2 mile upgradient of municipal wells operated by Zone 7 and the City of Pleasanton.

We've recently received Shell's second report on this site (the memo detailing actions taken pursuant to their first report is attached). Shell has drilled 3 more wells, all on-site. Water and soil sampling reports, as well as a site map are attached. Of interest are 1) Groundwater contamination at the furthest downgradient well; 2) a soil sample showing 4500 ppm of TPH at 20 feet in that well. All wells were finished at approximately 36 feet; the wells are screened entirely in clay. The well logs from Well 7 (City of Pleasanton well) show a permeable unit at approximately 38 feet. I have prepared a letter for RBJ's signature that requests that Shell expand their investigation to include wells screened in any permeable unit underlying the site, both on and off site, and provide us with ~~bi~~-monthly reports on their efforts to define, and abate the effects of, the groundwater pollution.



Legend

- S-1 Groundwater Monitoring Well Location
- ST-1 Tank Backfill Interface Well Location
- (313.9) Groundwater elevation (in ft., msl) on 2/16/88

--- 314.0 Groundwater contour line
 1000 Dissolved Gasoline Concentration (in ppb) on 2/14/88

ESTIMATED GROUNDWATER FLOW DIRECTION

Approximate Scale 1" = 30'

GRADE ≈ 328'



PACIFIC ENVIRONMENTAL GROUP INC.

SHELL SERVICE STATION
 Hopyard Road and West Las Positas Boulevard
 Pleasanton, California

SITE MAP

FIGURE: **2**
 PROJECT: 101-08.02

TABLE 1

Summary of Analytical Results

Soil Samples

Boring	Depth (feet)	Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Xylenes (ppm)
S-3	19 to 20-1/2	nd	nd	nd	nd
S-4	19 to 20-1/2	41	6.2	nd	5.9
S-5	19 to 20-1/2	4700	50	170	900
Detection Limits		5	0.05	0.1	0.4

Groundwater Samples (Sample Date: 02/14/88)

Well	Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Xylenes (ppb)
S-1	3,500	1,300	<40	500
S-2	1,800	440	<10	140
S-3	nd	nd	nd	nd
S-4	5,100	160	8	730
S-5	1,000	40	86	180
Detection Limits	50	0.5	1	4

Notes: nd - not detected

ppb - parts per billion

ppm - parts per million

KEY:

● SHELL STATION

● ZONE 7 SUPPLY WELLS

● CITY OF PLEASANTON WELL

SCALE: GRID RECTANGLES ARE 2000 X 3000 FT.

FOR CONTINUATION SEE MAP 35

FOR CONTINUATION SEE MAP 39

COPYRIGHT © 1986 BY Thomas Press

FOR CONTINUATION SEE MAP 65

FOR CONTINUATION SEE MAP 69



FOR CONTINUATION SEE MAP 65

FOR CONTINUATION SEE MAP 69