

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01144

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

June 4, 1993
STID# 3720

REGIONAL BOARD REFERRAL

Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster St., 4th Floor
Oakland, CA 94612

SUBJECT: Post Tool, 400 Oak St., Oakland, CA 94612

This office has reviewed site investigation and remedial action for contamination from the underground storage tank at the above site. Contaminated soil was excavated and disposed of off-site. Two groundwater monitoring wells were installed on site and monitored for 4 consecutive quarters of ND for petroleum constituents. The well screening was questioned and the consultant has provided an adequate explanation for the results being meaningful. The cone of depression caused by sampling does come down to the level of the screening with the quantity of water that is purged prior to each sample. The water levels do not rebound quickly as the aquifer is slow to recharge.

An off-site well has been used to verify down gradient direction and this well appears to be in the same water bearing zone when the boring logs are examined. All wells seem to be under some level of tidal influence, which can account for fluctuations in groundwater levels and changes in gradient.

No residual contamination is being left on site. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is the position of this office that no further action is required at this time.

This office requests that the Regional Water Quality Control Board reviews this site and gives final site closure and/or remedial action completion. This agency also requests notification of final site closure. If you have any questions regarding this matter, please contact this office.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Thomas F. Peacock'.

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - Files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01144

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

March 25, 1993
STID# 3720

Nancy Cotteral
57 Warfield Dr.
Moraga, CA 94556

Re: Post Tool, 400 Oak St., Oakland, CA 94607

Dear Nancy Cotteral:

This office has sent a Regional Board Referral dated March 2, 1993 concerning the above site. Upon review and discussion of site data with Rich Hiett of the Regional Water Quality Control Board there are several items that need to be addressed, as follows:

1. Wells MW1 and MW2 are apparently screened far below the level of the groundwater. This would give a very result when measuring a contaminant that generally floats.
2. The screened level in the wells does not take into consideration the capillary fringe, where most of the contamination could be.
3. Well P1, which is offsite, may be under tidal influence as the depth to groundwater moves far more than the other two wells. This office has no data about its construction, such as well drilling logs. This is necessary for an adequate decision to be made. The shallow water and the railroad track in between may mean that this well is not connected hydraulically to the other two wells. Please provide this information as well as reasoning by a competent geologist for why this information should be acceptable.

If you have any questions concerning this matter please contact this office.

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Rich Hiett, RWQCB
Edgar Howell, Chief - Files
SCS Engineers, 6761 Sierra Ct., Suite D, Dublin, CA 94568

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01144

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 2, 1993
STID# 3720

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

REGIONAL BOARD REFERRAL

Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster St., 4th Floor
Oakland, CA 94612

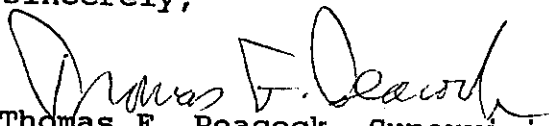
SUBJECT: Post Tool, 400 Oak St., Oakland, CA 94612

This office has reviewed site investigation and remedial action for contamination from the underground storage tank at the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is the position of this office that no further action is required at this time.

This office requests that the Regional Water Quality Control Board reviews this site and gives final site closure and/or remedial action completion. This agency also requests notification of final site closure.

If you have any questions regarding this matter, please contact this office.

Sincerely,


Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Nancy Cotteral, 57 Warfield Dr., Moraga, CA 94556
Steve Block, Hilltop Construction, P.O. Box 405, Moraga, CA
94556
SCS Engineers, 6761 Sierra Ct., Suite D, Dublin, CA 94568
Edgar Howell, Chief - Files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01144

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

December 29, 1992
STID# 3720

Nancy Cotteral
57 Warfield Dr.
Moraga, CA 94556

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Re: Post Tool, 400 Oak St., Oakland, CA 94607

Dear Nancy Cotteral:

This office has received and reviewed a Quarterly Groundwater Monitoring Report dated November 13, 1992 by SCS Engineers for the above site. The recommendations on page 6 are acceptable. If the 4th quarter monitoring event is also ND this office will request site closure of the Regional Water Quality Control Board.

If you have any questions concerning this matter please contact this office.

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Lester Feldman, RWQCB
Edgar Howell, Chief - Files
SCS Engineers, 6761 Sierra Ct., Suite D, Dublin, CA 94568

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01144

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 23, 1992
STID# 3720

Nancy Cotteral
57 Warfield Dr.
Moraga, CA 94556

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Re: Post Tool, 400 Oak St., Oakland, CA 94607

Dear Nancy Cotteral:

This office has received and a request dated May 21, 1992 and a Quarterly Groundwater Monitoring Report dated July 14, 1992 by SCS Engineers for the above site. The recommendations on page 5 are acceptable with the following comment:

An Underground Storage Tank Leak Report must be filed as required. A copy of the report is enclosed and should be returned completed to this office as soon as possible.

If you have any questions concerning this matter please contact this office.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Thomas F. Peacock'.

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Lester Feldman, RWQCB
Edgar Howell, Chief - Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R01144

RAFAT A. SHAHID, Assistant Agency Director

7 February 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Bruce Carlson
C.B. Commercial
Suite 100
155 Grand Avenue
Oakland, CA 94612

Subject: Ground Water Investigation at 400 Oak Street Oakland.

Dear Mr. Carlson:

Thank you for the analytical report dated 14 January 1992 concerning the property listed above. This SCS Engineers report has been reviewed by this agency.

Guidelines established by the San Francisco Bay Regional Water Quality Control Board require that a ground water investigation be conducted whenever soil contamination is discovered during the removal of underground storage tanks. The Guidelines specify that a minimum of one year of quarterly monitoring data from ground water wells must be obtained before the site can be considered for closure.

Defining the direction of ground water flow is a critical aspect of such an investigation. The absence of this information casts doubt on the validity of the data acquired and complicates the closure of the site. Data from a minimum of three wells are required to establish the ground water gradient.

You have installed two monitoring wells in Oak Street. These wells alone are inadequate to define the ground water gradient at your property. There are however, three wells located at an adjacent property and your consultant's use of the ground water depth from one of these wells was a valid method of establishing the gradient. The derived gradient of ground water flow shows that the wells in Oak Street are properly located to intercept any plume of contamination that may be caused by the tanks formerly located on your property. No ground water contamination was measured during the sampling conducted on 7 January 1992.

Bruce Carlson
C.B. Commercial
Suite 100
155 Grand Avenue
Oakland, CA 94612
Re. 400 Oak St. Oakland
7 February 1992
Page 2 of 2

On obtaining three more clean quarterly samples your property can be considered for closure. The final determination will be made by the Regional Board following a recommendation from this agency. It is imperative that the groundwater flow direction be determined during each sampling episode. I recommend that whenever samples are collected, all of the wells on the adjacent property be used for this purpose. Uncertainty as to the predominant flow direction coupled with the likelihood that the water under your property may be subject to tidal influences could complicate the closure process if not accounted for in the sampling protocol.

If you have any questions concerning this matter, please contact me at (510) 271-4320.

Sincerely,



Dennis J. Byrne
Senior Hazardous Materials Specialist

cc: Eddy So, SFBRWQCB
Rafat Shahid, Assistant Director, Alameda County Department
of Environmental Health.
Nels Johnson, SCS Engineers