### LOP - CHANGE RECORD REQUEST FORM

printed: 04/06/95

Mark Out What Needs Changing and Hand to LOP Data Entry (Name/Address changes go to Annual Programs Data Entry)

Insp:

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619

LOC: StID : 4247

SITE NAME: Chief's Auto Parts DATE REPORTED : 02/01/91 ADDRESS : 5714 San Pablo Ave DATE CONFIRMED: 03/01/89
MULTIPLE RPs : Y

CITY/ZIP : Oakland 94608

### SITE STATUS \_\_\_\_\_

CASE TYPE: S CONTRACT STATUS: 4 PRIOR CODE: 285 EMERGENCY RESP:

RP SEARCH: S DATE COMPLETED: 07/17/92 PRELIMINARY ASMNT: C DATE UNDERWAY: 01/01/89 DATE COMPLETED: 08/27/90 REM INVESTIGATION: C DATE UNDERWAY: 01/01/92 DATE COMPLETED: 05/21/92 REMEDIAL ACTION: C DATE UNDERWAY: 01/13/92 DATE COMPLETED: 09/09/94 POST REMED ACT MON: C DATE UNDERWAY: 01/01/92 DATE COMPLETED: 09/09/92

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 07/17/92

LUFT FIELD MANUAL CONSID: 3SHGWAC

CASE CLOSED: Y DATE CASE CLOSED: 04/07/95

DATE EXCAVATION STARTED: 01/13/92 REMEDIAL ACTIONS TAKEN: ED

## RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: n/a

COMPANY NAME: S Y D A Foundation ADDRESS: 1107 Stanford Ave. CITY/STATE: Oakland, Ca 94608

RP#2-CONTACT NAME: Legal Department

COMPANY NAME: Chief's Auto Parts, Inc. ADDRESS: 15303 Dallas Pkwy. S# 800 CITY/STATE: Dallas, Texas 75248

INSPECTOR VERIFICATION:						
NAME		SIGNA	TURE			DATE
Name/Address	Changes		ENTRY :	INPUT:	Case P	rogress Changes
ANNPGMS	LOP	DATE			LOP	DATE

RCE #27011 LIC. #537901

October 12, 1994

Ms. Susan L. Hugo Alameda Co. Dept. of Environmental Health Hazardous Materials Program 80 Swan Way, Room 200 Oakland, California 94821

SUBJECT:

CASE CLOSURE SUMMARY

**5714 SAN PABLO AVENUE** OAKLAND, CALIFORNIA

1114194 Church

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Les case Characher personality

re: case Characher personality

Dear Ms. Hugo:

This letter is in response to the Case Closure Summary forms you sent to us via facsimile. We have completed the forms to the extent possible. I believe remaining sections IV. Closure, V. Local Agency Representative Data, and VI. RWQCB Notification, must be completed by the respective regulatory agencies.

Approximately 750 cubic yards of impacted soil have been removed from the site and properly disposed of. We have completed the site remediation and monitoring in accordance with the requirements of the Alameda County Department of Environmental Health. The groundwater has not contained detectable concentrations of the tested constituents for four consecutive quarters. Your letter dated October 23, 1992, stated that "After four quarters of non-detectable levels have been achieved, the frequency of sampling events will be evaluated and/or a recommendation for signoff/case closure by the RWQCB will be determined." In our opinion no further work at the site is necessary, therefore we are requesting site closure.

If you have any questions or need additional information please call me at (916) 723-7645.

Thank You.

John N. Church, RG

Project Manager

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cc:

Ms. Mary M. Mahon, Chief Auto Parts, Inc.

Mr. Robert Vasquez, Southland Corporation

Mr. Warren Chapman, Chapman and Shepard

Mr. Richard Hiett, San Francisco Bay RWQCB

# CASE CLOSURE SUMMARY Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION Date:

Agency name: Alameda County-HazMat Address: 1131 Harbour Bay Parkway

City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6700

Responsible staff person: Susan Hugo Title: Sr. Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Parking Lot - SYDA Foundation

Site facility address: 5714 San Pablo Avenue

RB LUSTIS Case No: N/A Local Case No./LOP Case No.:

URF filing date: SWEEPS No: N/A

Responsible Parties: Addresses: Phone Numbers:

Chief Auto Parts 15303 Dallas Parkway Ste 800 (214) 404-1114

Dallas TX. 75248

Tank	<u>Size in</u>	Contents:	<u>Closed in-place</u>	<u>Date:</u>
No:	<u>gal.:</u>		or removed?:	
1	10,000	Gasoline	Removed	August 1985
2	8,000	Gasoline	Removed	August 1985
3	8,000	Gasoline	Removed	August 1985
4	unknown	Waste Oil	Removed	August 1985

# III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release:

Site characterization complete? (YES) NO

Date approved by oversight agency:
Monitoring Wells installed? (YES) NO Number: 5

Proper screened interval? (YES) NO

Highest GW depth below ground surface: 10.13 ft. Lowest depth: 0.60 ft.

Flow direction: South - Southwest

Most sensitive current use: Parking

Are drinking water wells affected? YES (NO) Aquifer name: None Is surface water affected? YES (NO) Nearest affected SW name:

Off-site beneficial use impacts (addresses/locations): None

Report(s) on file? YES Where is report(s) filed? Alameda County
80 Swan Wy., Rm 200

Oakland CA 94621

Treatment and Disposal of Affected Material:

Action (Treatment Date <u>Material</u> Amount of Disposal w/destination) (include units) Disposal location unknown Tank 4 Tanks August 1985 Stolen from within secured January 1992 Piping Approx 450 ft Free Product None area Soil \* Over

Groundwater \* Over
Barrels None

#570 P.03/03 15:37 1994,09-07

# Leaking Underground Fuel Storage Tank Program

# III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)

III. RELEASE AND SITE CHA	RACTERIZ	YLION INFORMAT	TOM (COTTETTION	- W
III. RELEASE AND SITE CHA Maximum Documented Contami	nant Con	centrations -	- Before and	After Cleanup
Maximum Documented Contami	TIGILO CON	(mmm)	Water	(ppm)
Contaminant	Soil (		Before	After
	<u>Before</u>	<u>After</u>	BRL	BRL(Below Reports
TPH (Gas)	5300	73		
	1700	1400	BRL	BRL Limits)
TPH (Diesel)	52	0.011	2.7ppb	BRL
Benzene			3.9ppb	BRL
Toluene	0.600	0.076	<del>-</del> -	BRL
<del>-</del> :	570	0.160	4.1ppb	
Xylene	100	0.029	0.9ppb	BRL
Ethylbenzene		330	BRL	BRL
Oil & Grease	1100	330	N/	Δ
Heavy metals	over		•	
	OVER		130ppb	BRL
Other TPH-(Motor Oil)	stion et	ta.):		
COMMENTS (I)EDED OF REMEATS	actor, a			

Comments (Depth of Remediation, etc.):

BRL - Below Reporting Limits

NA - Not Analyzed

FROM : ALAMEDA CO EHS HAZ-OPS

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? YES NO Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? YES NO Does corrective action protect public health for current land use? YES NO Site management requirements:

Should corrective action be reviewed if land use changes? YES NO Monitoring wells Decommisioned: YES NO Number Retained: Number Decommisioned:

List enforcement actions taken:

List enforcement actions rescinded:

### LOCAL AGENCY REPRESENTATIVE DATA ٧.

٧.	LOCAL	AGENCY	KDLWTGTHIVTTI	Titl	e:
Name:				Date	
Signa				D.C. C.	
Revie	wed by			Tit	16.
Name:				Date	
Signa	ture:			Tit	
Name:					
Signa	ture:			Date	⊒:

#### RWQCB NOTIFICATION VI.

Date Submitted to RB:

RB Response: Title: Water Resources Control Engineer RWQCB Staff Name: Kevin Graves

# VII. ADDITIONAL COMMENTS, DATA, ETC.

. . A .d ^

Soil Concentrations (	(maga)
-----------------------	--------

After

# Groundwater (ppm)

Before
--------

Before

After

meavy metais	Heavy	Metals
--------------	-------	--------

Cđ	BRL	BRL
Cr	89	89
Ni	44	44
Pb		18
Zn	120	120

# Polynuclear Aromatic Compounds

Acenaphthylene	0.97	BRL
Anthracene	0.96	BRL
Benzo(a)anthracene	3.3	BRL
Benzo(b)fluoranthene	1.9	BRL
Benzo(a)pyrene	3.8	BRL
Benzo(ghi)perylene	2.7	BRL
Chrysem	5.4	BRL
Fluoranthene	10.0	BRL
Flourene	1.3	BRL
Indeno(123-cd)pyrene	2.6	BRŁ
Phenanthrene	11	BRL
Pyrene	11	BRL

# AMEDA COUNTY HEALTH CARE SERVICES AGENCY



DAVID J KEARS, Agency Director

November 15, 1993 STID# 4247 DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

ocal Oversight Program 80 Swan Way, Rm 200 Oakland, CA 94621 (510) 271-4530

Ms. Elizabeth H. Altman Chief Auto Parts, Inc. 15303 Dallas Parkway, Suite 800 Dallas, Texas 75248

RE: Status of the Soil and Groundwater Investigation / Remediation at 5714 San Pablo Ave., Oakland, CA 94608

Dear Ms. Altman:

The Alameda County Department of Environmental Health, Hazardous Materials Division has recently reviewed the Quarterly Status Reports dated June, 1993 and September, 1993 prepared by GHH Engineering, Inc. for the referenced site.

It appears that the polynuclear aromatic compounds (PNAs) found in the soil are not related to the former tanks. Limited overexcavation was performed to remove the PNA contaminated soil and verification sample showed the following levels: acenaphthylene (non detect), anthracene (0.14 ppm), benzo anthracene (0.79 ppm), fluoranthene (1.1 ppm), benzo pyrene (0.76 ppm), benzoperylene (0.63 ppm), chrysene (0.99 ppm), fluoranthene (1.5 ppm), fluorene (non detect), indeno-pyrene (0.56 ppm), phenanthrene (0.74ppm) and pyrene (1.4 ppm). No further work will be required by this office at this time concerning the PNA's found in the soil at the referenced site.

Quarterly sampling performed in January 8, 1993 showed the following: 65 ppb of TPH as motor oil in MW-3; 160 ppb TPH as motor oil, 0.51 ppb of toluene and 1.0 ppb xylene in MW-4; 0.58 ppb xylene in MW-5. Sampling conducted in May 3, 1993 detected benzene (1.3 ppb), toluene (2.6 ppb), ethyl benzene (0.48 ppb), xylene (2.8 ppb) in MW-2 and benzene (2.7 ppb), toluene (3.9 ppb), ethyl benzene (4.1 ppb) in MW-5. Semi volatile organic priority pollutants were analyzed in MW-2, MW-4 and MW-5 during this sampling event and the results were non detect. Resampling was performed in May 22, 1993 with the following results: MW-2 had 0.67 ppb benzene, 0.39 ppb toluene, 0.71 ppb xylene; MW-3 had 180 ppb TPH motor oil; MW-4 and MW-5 both tested non detect for TPH gasoline, TPH diesel, TPH motor oil and BTEX. The latest sampling event occurred in August 4, 1993 with all the monitoring wells showing non detect for all target compounds except MW-3 with 88 ppb of TPH motor oil.

Ms. Elizabeth Altman RE: 5714 San Pablo Ave., Oakland, CA 94608 November 15, 1993 Page 2 of 3

Based on this review, request for site closure can not be recommended at this time. Quarterly monitoring must occur until four consecutive quarters of non detect levels had been achieved.

The next quarterly monitoring must be performed this month of November, 1993.

Until cleanup is complete, you will need to submit reports to this office every three months or at a more frequent interval, if specified at any time. In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency.

Ms. Elizabeth Altman

RE: 5714 San Pablo Ave., Oakland, CA 94608

November 15, 1993

Page 3 of 3

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,

Susan L. Hugo

Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health Rich Hiett, San Francisco Bay RWQCB Edgar B. Howell, Chief, Hazardous Materials Division - files John Church, GHH Engineering, Inc. - 8084 Old Auburn Road Suite E, Citrus Heights, California 95610



# ENGINEERING INC.

RCE #27011 LIC. #537901

March 29, 1993

93 NFR -3 FI 2: 35

Ms. Susan L. Hugo-

Alameda Co. Dept. of Environmental Health Hazardous Materials Program 80 Swan Way, Room 200 Oakland, California 94821

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RE: PROJECT STATUS - LETTER OF UNDERSTANDING 5714 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Dear Ms. Hugo:

The purpose of this letter is to confirm our conversations on March 17, 1993, and March 22, 1993, and our meeting March 24, 1993, regarding the project status and required action. It is the understanding of GHH Engineering, Inc. (GHH) that the Alameda County Division of Hazardous Materials (the County) requirements and positions include:

o Informing all involved parties that the County is aware that Polynuclear Aromatic Compounds (PNA's) have been detected at the site;

Action levels are 54 parts per million (ppm) total PNA's in groundwater, and 100 ppm Anthracene in soil based on the California Code of Regulations (CCR Title 22);

o Approval to backfill the existing excavations provided that:

- Four soil samples are collected from the black soil zone containing the PNA's, the four soil samples are laboratory composited, and analyzed for Semi-volatile Organic Compound (SVOC; Method 8270); and

- The May quarterly sampling round includes SVOC (Method 625) analyses of the groundwater from monitoring wells MW-2, MW-4, and MW-5.

A recommendation for closure on the site soils if the detected PNA concentrations are below action levels;

That the SVOC analyses of groundwater will be a one-time requirement if PNA's are not detected;

That the petroleum hydrocarbon concentrations were low enough that you will recommend site closure for the groundwater if no dramatic increases in petroleum hydrocarbon concentrations occur in one year of quarterly monitoring; and

That all of requirements and conditions are contingent on acceptance by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB).

# Ms. Susan Hugo March 29, 1993

# Furthermore please be advised that GHH:

- Has informed Chief Auto Parts, Inc., the Southland Corporation, and the 0 SYDA Foundation that PNA's were detected on the subject site and that the County must be notified;
- Has received approval from our clients to notify the County and preform the 0 required additional work;
- Has collected soil samples TS15-1 through TS15-4 at the locations proposed 0 during our on-site meeting on March 24, 1993, as shown on Figure 1; and
- Will report the PNA soil sample analytical results in a Quarterly Status Report 0 (QSR) by April 30, 1993;

We will continue to work with you to reach a mutually satisfactory site closure. If you have any questions or need additional information please call me at (916) 723-7645.

Sincerely,

John N. Church, RG

Project Manager

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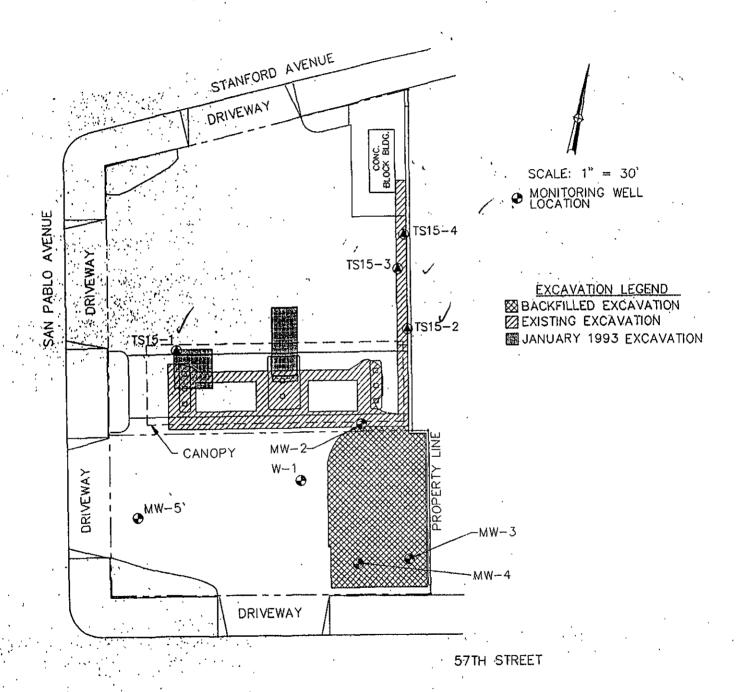
Ms. Elizabeth H. Altman, Chief Auto Parts, Inc. cc:

Mr. Robert Vasquez, Southland Corporation

Mr. Warren Chapman, Chapman and Shepard

Mr. Richard Hiett, San Francisco Bay Regional Water Quality Control Board

# FIGURE 1 5714 SAN PABLO AVENUE SOIL SAMPLE LOCATION MAP





ENGINEERING INC.

RCE #27011 LIC. #537901

April 23, 1993

Ms. Susan L. Hugo Alameda Co. Dept. of Environmental Health Hazardous Materials Program 80 Swan Way, Room 200 Oakland, California 94821

RE: PROJECT STATUS - LETTER OF UNDERSTANDING 5714 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Dear Ms. Hugo:

This letter is in response to our conversation on April 14, 1993, regarding the GHH letter of understanding dated March 29, 1993. It is our understanding that the following are clarifications of the Alameda County Division of Hazardous Materials requirements and positions:

- o That the action levels for polynuclear aromatic compounds (PNA's) in groundwater are 20 parts per billion (ppb); and
- That you will recommend site closure for the groundwater, if after one year of quarterly monitoring the petroleum hydrocarbon concentrations do not increase dramatically, there is no threat to groundwater, and the groundwater does not appear to be migrating off-site.

We will continue to work with you to reach a mutually satisfactory site closure. If you have any questions or need additional information please call me at (916) 723-7645.

Sincerely,

John N. Church, RG

Project Manager

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cc: Ms. Elizabeth H. Altman, Chief Auto Parts, Inc.

Mr. Robert Vasquez, Southland Corporation

Mr. Warren Chapman, Chapman and Shepard

Mr. Richard Hiett, San Francisco Bay Regional Water Quality Control Board

# ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY

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DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

October 23, 1992
State Water Resources Control Board
STID# 4247
Division of Clean Water Programs
UST Local Oversight Program

80 Swan Way, Rm 200 Oakland, CA 94621 (510) 271-4530

Ms. Elizabeth Altman Chief Auto Parts, Inc. 15303 Dallas Parkway, Suite 800 Dallas, Texas 75248

RE: Site Investigation and Remediation at Chief Auto Parts 5714 San Pablo Avenue, Oakland, California 94608

Dear Ms. Altman:

The Alameda County Department of Environmental Health, Hazardous Materials Division has completed review of the "Soil Remediation and Preliminary Investigation and Evaluation Report" (July, 1992) submitted by GHH Engineering, Inc. This report documents work completed by GHH Engineering to date which include the removal of the remaining product piping, excavation of petroleum hydrocarbon contaminated soil (from product piping and former tank areas), disposal of contaminated soil, advancement of three soil borings and installation of four (4) monitoring wells.

The noted report identifies petroleum hydrocarbon contaminated soil (ES12) at concentrations of 73 ppm TPHg, 1400 ppm TPHd, 330 ppm TOG south of the former tanks location. This contamination appears to extend beneath the sidewalk on the north side of 57th Street. Sample (TS7) collected from the north side of the center fuel island exhibited petroleum hydrocarbon contamination as high as 400 ppm TPHg, 140 ppm TPH as motor oil, and 2.6 ppm benzene. Piping trench samples TS4 and TS6 detected 7.5 ppb trichloroethane and 71 ppb acetone, respectively. Groundwater samples collected from MW-3 showed 130 ppb TPH as motor oil. MW-4 detected 120 ppb TPH as motor oil, 0.67 ppb xylenes and 0.84 ppb of toluene.

As a consequence of the aforementioned results of this latest phase of site investigation, the following issues of concern to this department must be addressed:

\* Additional investigative work must be pursued to delineate the lateral extent of soil contamination at the southern portion of the former tanks location. Recommendation by GHH Engineering, Inc. that no further action be taken at the southern portion of the site due to inaccessibility of the diesel and gasoline impacted soil beneath the sidewalk is not acceptable. You are requested to determine the lateral extent of contamination and identify the "zero line" at the leading edge of the plume.

MS. Elizabeth Altman RE: 5714 San Pablo Ave. Oakland, CA 94608 October 23, 1992 Page 2 of 3

- \* The remaining subsurface contamination on the north of the center pump island and in the area of trench sample TS-4 must be addressed. Recommendation by GHH Engineering, Inc. to excavate the remaining contamination is acceptable. Verification samples must be collected and analyzed by a state certified laboratory.
- \* One monitoring well must be installed within ten (10) feet of the former tank location in the verified downgradient direction. From the data collected to date, it appears that MW-4 and MW-3 are cross-gradient from the former tank area.
- \* Groundwater elevation readings must be performed at a more frequent intervals (monthly) for the first year to establish a reliable groundwater flow direction and assess any seasonal flow variations. After the first year, groundwater levels are monitored every quarter.
- \* Groundwater monitoring wells must be sampled on a quarterly basis and analyzed for target compounds (TPHg, TPHd, TPH motor oil, TOG, benzene, toluene, ethylbenzene, xylene, chlorinated hydrocarbons, lead, nickel, chromium, cadmium, and zinc). After four quarters of non detectable levels have been achieved, the frequency of sampling events will be evaluated and/or a recommendation for signoff/case closure by RWQCB will be determined.
- \* Please submit a time schedule for all phases of the investigation and remediation activities and the anticipated time when cleanup will be completed at the site.

A workplan outlining planned activities to meet the issues mentioned above must be submitted to this office no later than November 30, 1992. The elements of the workplan must adhere to the basic technical requirements outlined in the RWQCB staff Recommendations for the Initial Evaluation and Investigation of Underground Storage Tanks (August 10, 1990). Enclosed is a copy of the RWQCB's guidelines for your reference.

Until cleanup is complete, you will need to submit summary reports to this office and to RWQCB every three months (or at a more frequent interval, if specified at any time by either agency). In addition, the following items must be incorporated in your future reports or workplans:

 a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan Ms. Elizabeth Altman RE: 5714 San Pablo Ave. Oakland, CA 94608 October 23, 1992 Page 3 of 3

- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department or the RWQCB of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project. Copies of reports must also be submitted to: Rich Hiett

RWQCB, San Francisco Bay Region 2101 Webster Street, Fourth Floor Oakland, California 94612

Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency or RWQCB.

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,

Susan L. Hugo

Senior Hazardous Materials Specialist

Enclosure

cc: Rich Hiett, San Francisco Bay RWQCB
Edgar B. Howell, Chief, Hazardous Materials Division - files
John Church, GHH Engineering, Inc. - 8084 Old Auburn Road
Suite E, Citrus Heights, California 95610