ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

March 8, 1995
StID # 3660

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Micheal Alexander
Paramount Pest Control
Oakland CA 94621

RE: Paramount Pest Control, 20 Hegenberger Place, Oakland 94621

Dear Mr. Alexander:

This letter confirms the completion of site investigation and remedial action for the one 500 gallon gasoline underground storage tank at the above described location.

Based upon the available information and with provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the undeground tank release is required.

This notice is issued pursuant to the regulation contained in Title 23, Division 3, Chapter 16, Section 2721 (e) of the California Code of Regulations.

Please contact Barney Chan at (510) 567-6765 if you have any questions regarding this matter.

Sincerely,

Rafat A. Shahid
Assistant Agency Director

c: Gorden Coleman, Acting Chief, Hazardous Materials Division-files
Kevin Graves, RWQCB
Mike Harper, SWRCB

RACC20Heg

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION **Date: February 10, 1995**

Agency name: **Alameda County-HazMat** Address: **1131 Harbor Bay Pkwy**
City/State/Zip: **Alameda, CA 94502** Phone: **(510) 567-6700**
Responsible staff person: **Eva Chu** Title: **Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: **Paramount Pest Control**
Site facility address: **20 Hegenberger Pl, Oakland 94621**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **3660**
URF filing date: **9/4/91** SWEEPS No: **N/A**

Responsible Parties:	Addresses:	Phone Numbers:
1. K & E Alexander Paramount Pest	20 Hegenberger Pl Oakland, CA 94621	(510) 635-0800
2. Michael Alexander Paramount Pest	20 Hegenberger Pl Oakland, CA 94621	

Tank No:	Size in gal.:	Contents:	Closed in-place or removed?:	Date:
1	500	Gasoline	Removed	8/20/91

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **Unknown**
Site characterization complete? **YES**
Date approved by oversight agency: **1/23/95**
Monitoring Wells installed? **Yes** Number: **3**
Proper screened interval? **Yes, 15 to 24.5' bgs, in confined aquifer**
Highest GW depth below ground surface: **6.07'** Lowest depth: **7.24' in MW-1**
Flow direction: **SW to NW, flat gradient of .00042 to .00095 ft/ft**
Most sensitive current use: **Commercial**
Are drinking water wells affected? **No** Aquifer name: **NA**
Is surface water affected? **No** Nearest affected SW name: **NA**
Off-site beneficial use impacts (addresses/locations): **None**

Report(s) on file? **YES** Where is report(s) filed? **Alameda County**
1131 Harbor Bay Pkwy
Alameda, CA 94502

Treatment and Disposal of Affected Material:

Material	Amount (include units)	Action (Treatment or Disposal w/destination)	Date
Tank	1 UST	Disposed by Erickson	8/20/91
Piping			
Free Product			
Soil	206 cy	Bioremediated & used to fill pit	4/6-5/17/93
Groundwater			
Barrels			

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm) Before	Soil (ppm) After	Water (ppb) Before	Water (ppb) After
TPH (Gas)	590	79	ND	ND
TPH (Diesel)				
Benzene	4.9	.029	ND	ND
Toluene	40	.038	ND	ND
Ethylbenzene	25	.019	ND	ND
Xylenes	180	.128	ND	ND
Oil & Grease				
Heavy metals				
Other				

Comments (Depth of Remediation, etc.):

Approximately 206 cy soil were removed (up to 8' depth) for bioremediation. Analysis of soil samples collected after bioremediation was ND for TPH-G and BTEX. This soil was subsequently re-used to backfill the former tank pit.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? **YES**
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? **YES**
Does corrective action protect public health for current land use? **YES**
Site management requirements: **None**

Should corrective action be reviewed if land use changes? **YES**
Monitoring wells Decommissioned: **None, pending site closure**
Number Decommissioned: **0** Number Retained: **3**
List enforcement actions taken: **None**

List enforcement actions rescinded: **NA**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: [signature] Date: 2/21/95

Reviewed by

Name: Barney Chan Title: Haz Mat Specialist

Signature: [signature] Date: 2/16/95

Name: Amy Leech Title: Haz Mat Specialist

Signature: [signature] Date: 02/10/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 2/21/95 RB Response: Approved

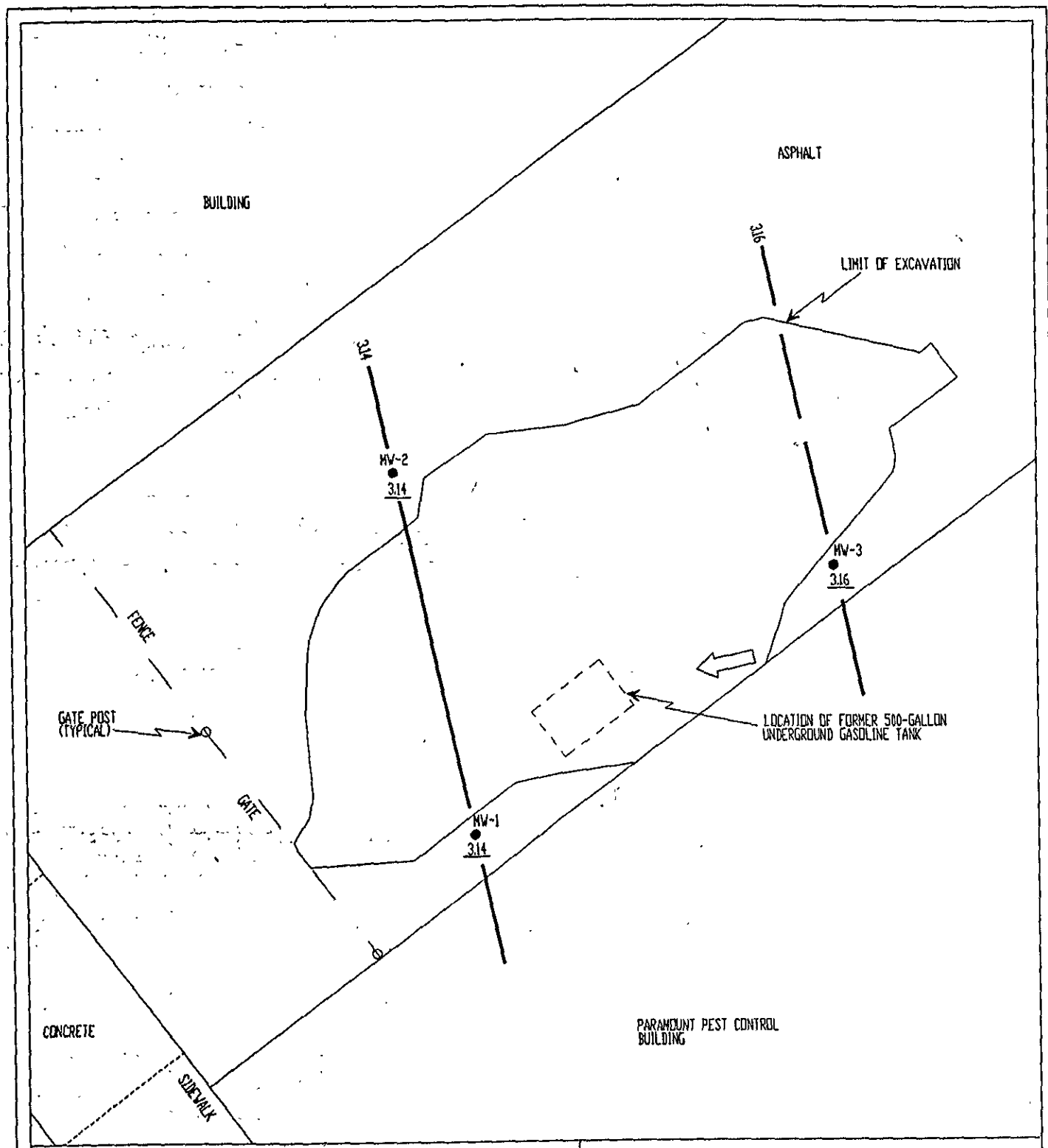
RWQCB Staff Name: Kevin Graves Title: AWRCE

Signature: [signature] Date: 3/1/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

When a 500 gallon gasoline UST was removed on August 20, 1991, a soil sample collected from native soil beneath the fill end of the tank exhibited up to 590 ppm TPH-G, 4.9, 40, 25, and 180 ppm BTEX, respectively. Overexcavation of contaminated soil occurred from January 20 - February 17, 1992, removing approximately 206 cy soil to a maximum depth of 8'. This soil was bioremediated onsite and subsequently re-used as backfill material for the tank pit. It appears that overexcavation was successful in removing most of the contaminated soil, with the exception of an area next to the building where residual contamination of up to 79 ppm TPH-G, and low levels of BTEX were left in place.

Three monitoring wells were completed in July 1993 around the former tank excavation to evaluate groundwater quality beneath the site. Soil collected at 5, 10, and 15' depths from each well did not detect TPH-G or BTEX (except for .02 ppm xylenes in MW-1 at 5' depth). Groundwater, which appears to be under confined conditions, has been sampled for four consecutive quarters (from Jan - Oct 1994) without detecting any TPH-G or BTEX. Site closure is recommended.



LEGEND

MW-1 ● NAME AND LOCATION OF GROUNDWATER MONITORING WELL

3.14 POTENTIOMETRIC ELEVATION

3.16 POTENTIOMETRIC CONTOUR

GROUNDWATER FLOW DIRECTION

-N-

0 10

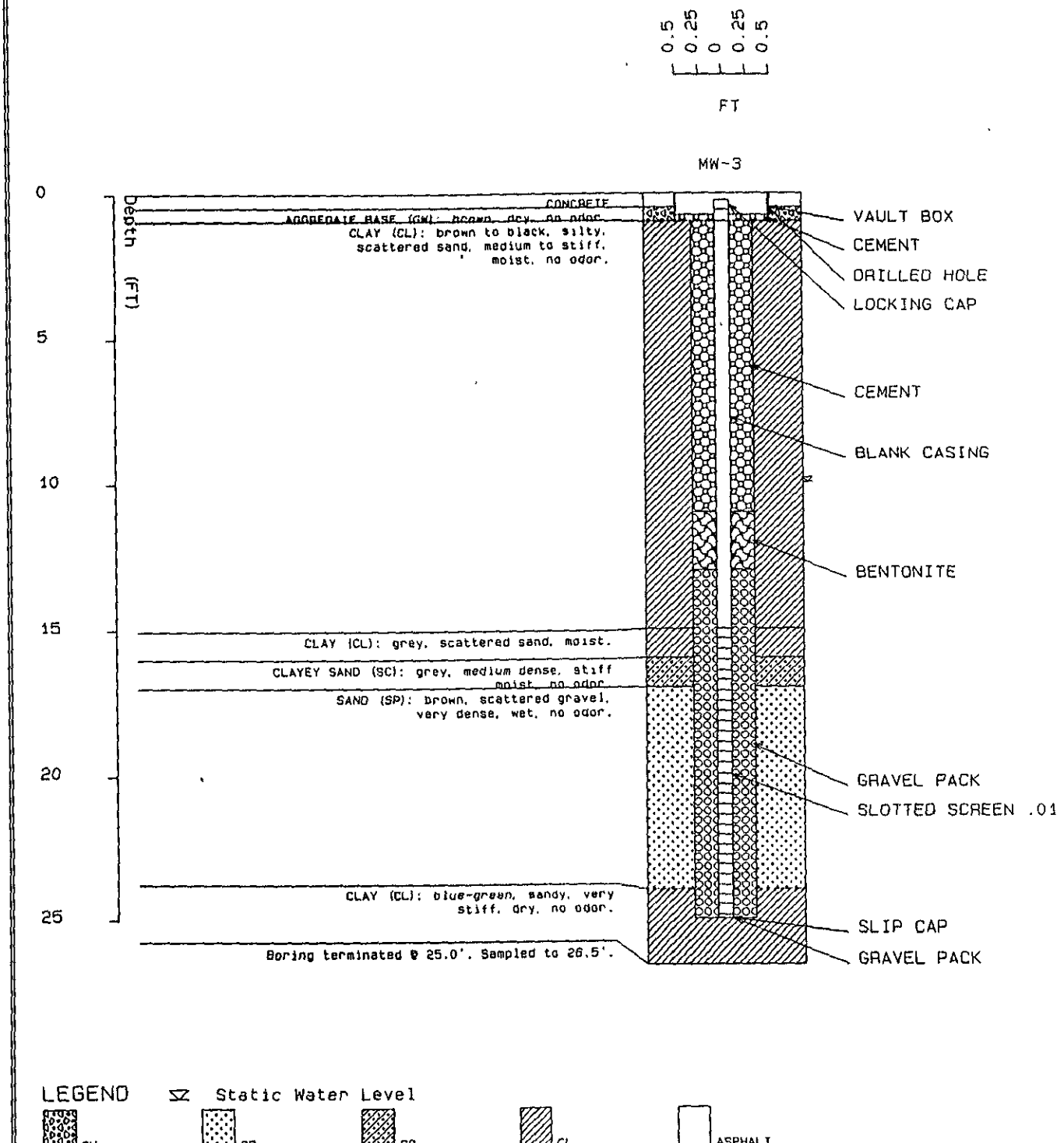
SCALE IN FEET

TANK PROTECT ENGINEERING

GROUNDWATER GRADIENT MAP (10/28/94)

PARAMOUNT PEST CONTROL
20 HEGENBERGER PLACE
OAKLAND, CA 94621

DATE	11/11/94
FIGURE	1
FILE #	186-10D
DRAWN BY	AK
CHECKED BY	JVH



WELL ID : MW-3

20 HEGENBERGER PLACE, OAKLAND CA

TANK PROTECT ENGINEERING

Figure :