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

RAFAT A. SHAHID, 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

October 24, 1995
StID # 4014

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Neil Werner
Port of Oakland
530 Water Street
Oakland CA 94607

Mr. Dennis Devore
Patrick Media Group
1601 Maritime Street
Oakland CA 94607

RE: Patrick Media Group, 1601 Maritime Street, Oakland, California 94607

Dear Messers. Werner and Devore,

This letter confirms the completion of site investigation and remedial action for one 10,000-gallon gasoline underground storage tank at the above described location. Enclosed is the Case Closure Summary for the referenced site for your records.

Based upon the available information, including current land use, and with provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground 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. (If a change in land use is proposed, the owner must promptly notify this agency.)

Please contact Dale Klettke at (510) 567-6880 if you have any questions regarding this matter.

Sincerely,

Jun Makishima
Acting Director

c: Gordon Coleman, Acting Chief, Environmental Protection Division--files
Kevin Graves, RWQCB
Mike Harper, SWRCB

4014racc.dkt

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: 7/19/95

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

II. CASE INFORMATION

Site facility name: **Patrick Media Group**
Site facility address: **1601 Maritime St., Oakland CA 94607**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **4014**
URF filing date: SWEEPS No: **N/A**

Responsible Parties: **Addresses:** **Phone Numbers:**
Attn: Neil Werner, Port of Oakland, Environmental Dept., 530 Water St., Oakland CA 94607

Attn: Dennis Devore, Patrick Media Group, 1601 Maritime St., Oakland CA 94607

Tank No:	Size in gal.:	Contents:	Closed in-place or removed?:	Date:
1	10,000	gasoline	removed	1/14/94

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown
Site characterization complete? YES
Date approved by oversight agency:
Monitoring Wells installed? YES Number: 3, plus one recovery well (W-1)
Proper screened interval? YES
Highest GW depth below ground surface: 4.47' bgs (in MW1 in Nov 94)
Lowest depth: 5.45' bgs (in MW3 in Aug 94)
Flow direction: primarily North (with some fluctuation between NE to NW)
Most sensitive current use: commercial
Are drinking water wells affected? NO Aquifer name:
Is surface water affected? NO Nearest affected SW name:
Off-site beneficial use impacts (addresses/locations): unknown
Report(s) on file? **YES** Where is report(s) filed?
Alameda County, 1131 Harbor Bay Pky, Alameda Ca 94502-6577

Treatment and Disposal of Affected Material:

Material	Amount (include units)	Action (Treatment of Disposal w/destination)	Date
Tank	10,000 gal	disposed to H&H (manifest #92218851)	1/14/94
Piping			
Rinsate	200 gal	disposed to PRC Patterson (manifest #92218844)	1/13/94
Soil	90 yd3	disposed to Redwood Landfill in Novato	2/22/94
Purged gw	1,500 gal	disposed to PRC Patterson (manifest #92218858)	1/14/94

(where is this soil disposal documented in text? Is it just tank backfill?)

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)
Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	ND		ND	ND
TPH (Diesel)	NA		NA	
Benzene	ND		0.9	1.6
Toluene	ND		2.4	ND
Xylene	0.013		8.7	ND
Ethylbenzene	ND		1.3	ND
Lead	63		3.7*	ND

Comments (Depth of Remediation, etc.): The "before" soil samples are from the tank pit. There was no overexcavation, hence, no "after" soil samples. See attached Table 1 for all soil results.

*there was also 670 ppb lead from the recovery well (W-1) during this initial sampling event. However, both these hits were unfiltered samples. See attached Table 2 for all gw results.

Leaking Underground Fuel Storage Tank Program

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Undetermined

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Undetermined

Does corrective action protect public health for current land use? YES
Site management requirements: NA

Should corrective action be reviewed if land use changes? YES
Monitoring wells Decommisioned: Not yet
Number Decommisioned: Number Retained:
List enforcement actions taken: none
List enforcement actions rescinded: none

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Jennifer Eberle Title: Hazardous Materials Specialist
Signature: Jeberle Date: 7-24-95

Reviewed by
Name: Dale Klette Title: Hazardous Materials Specialist
Signature: Dale Klette Date: 7/24/95

Name: eva chu Title: Hazardous Materials Specialist
Signature: eschu Date: 7/24/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 7-24-95 RB Response: Approved
RWQCB Staff Name: Kevin Graves Title: AWRCE Date: 8/11/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

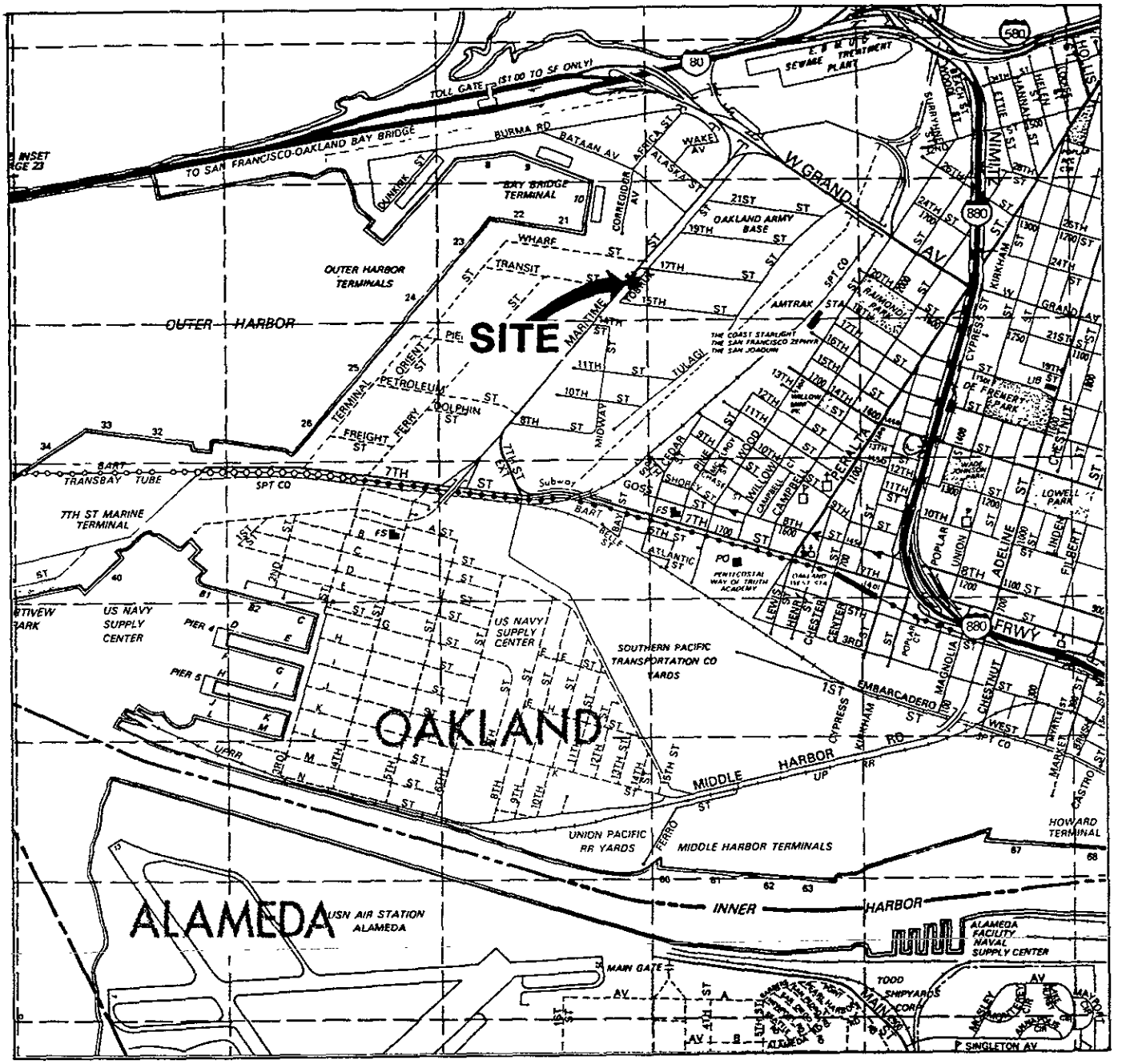
On 1/14/94, one 10,000-gal gasoline UST was removed (see Plate 1). It was tar-wrapped with no obvious holes. It was approx 8' in diameter, and 28' in length. Groundwater was present in the excavation at approximately 7'bgs. Soil samples were taken from the ends above the groundwater at approx 6'bgs. (Note that the tank invert was approx 10'bgs.) One dispenser sample was taken at approx 1'bgs (see Plate 2). The pit water was vaccuumed out prior to collecting a grab water sample.

Groundwater results indicated 12,000 ppb TPHg, 260 ppb benzene, 1,200 ppb toluene, 370 ppb ethylbenzene, 2,300 ppb xylenes, and 2,700 ppb lead. Soil results indicated ND TPHg and ND BTEX (except 0.013 ppm xylenes in TP-1); lead was ND in the dispenser sample, 15 ppm in TP-1, and 63 ppm in TP-2 (see Table 1).

The excavation was backfilled on 2/1/94. A four inch recovery well (W-1) was installed near the NE corner of the tank pit during backfilling. The purpose of the well was to allow future groundwater sampling and/or extraction, if necessary. This well (W-1) was sampled only once, in August 1994 (see Table 2). Results indicated ND TPHg, 0.9 ppb benzene, and 670 ppb lead; however, this lead sample was unfiltered.

Three wells were installed on 8/12/94 (see Plate 3). Soils sampled from the boreholes were ND for TPHg and BTEX. However, 290 ppm lead was detected in B1, while B2 had 19 ppm lead, and B3 had ND lead. Due to the elevated concentration of lead in B1, the sample was reanalyzed and found to contain 24 ppm lead (see Table 1).
The lead present in the subsurface is probably due to geogenic conditions, rather than petroleum hydrocarbons. This is evidenced by the fact that when lead concentrations were present, TPHg and BTEX concentrations were ND or low (ie, in the well borehole soils in Aug 94, MW3 in Aug 94, and recovery well W-1 in Aug 94).
This area of Oakland has a long history of heavy industrial usage, and is built on fill. Fill is present from approximately 1'bgs to 4 or 5'bgs, as confirmed by boring logs for the 3 wells.

Groundwater has been sampled for 4 consecutive quarters (Aug 94 to May 95) (see Table 2). TPHg and BTEX have not been detected (except for 1.6 ppb benzene in well MW2 in May 1995). Continued sampling is not warranted.



REFERENCE:
THE THOMAS GUIDE, THOMAS BROS. MAPS.
ALAMEDA COUNTY MAP. PAGE 7, 1990 EDITION.

SITE LOCATION MAP

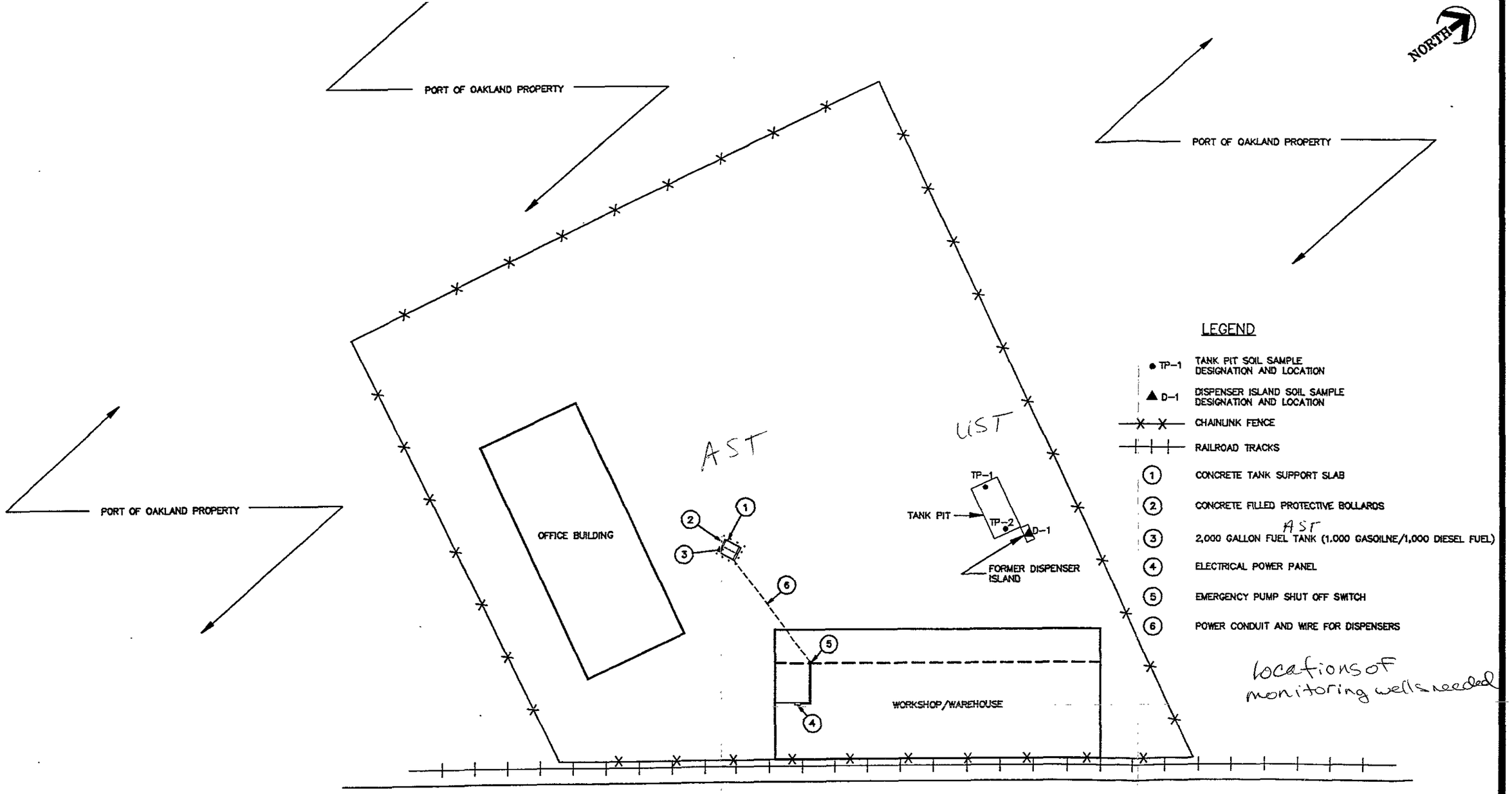
PATRICK MEDIA GROUP FACILITY

OAKLAND, CALIFORNIA

Plate 1

0 2400
FEET

LAW/CRANDALL, INC.



SOURCE: BALCH PETROLEUM AND HOMAN ENGINEERING CORP., NEW FUEL SYSTEM SITE PLAN, SHEET M-1 DATED 10/22/93.

PATRICK MEDIA
1601 MARITIME STREET
OAKLAND, CALIFORNIA

SITE PLAN

LAW/CRANDALL, INC.

PLATE 2

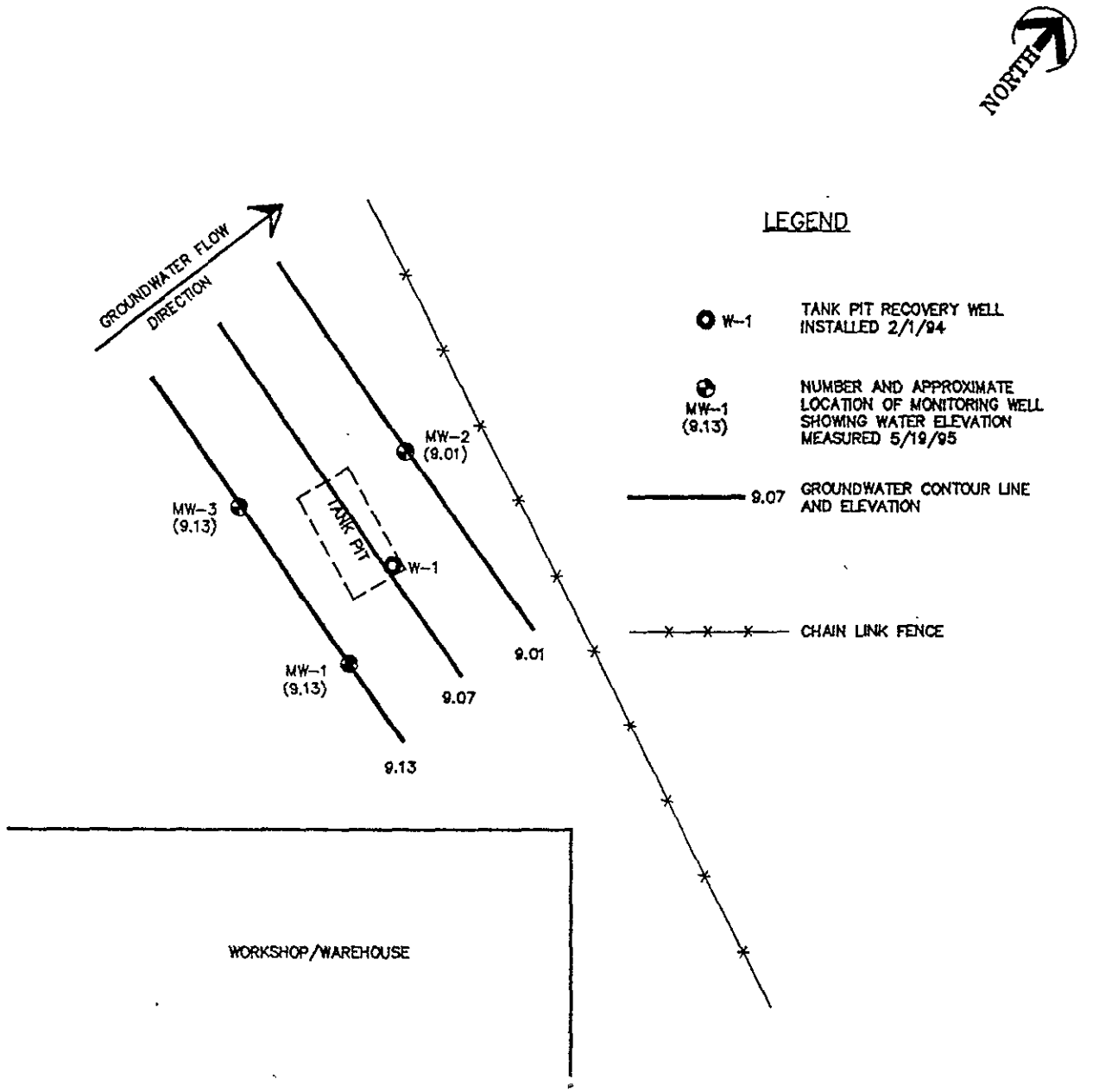


Plate 3

0 50

APPROXIMATE SCALE IN FEET

SOURCE: SURVEY INFORMATION FROM R.C. HUTTON AND ASSOCIATES 8/30/94 AND LAW/CRANDALL FIELD NOTES DATED 8/15/94.

PREPARED/DATE D.A.P. 6/15/95
CHECKED/DATE M.I.M. 6/21/95

PATRICK MEDIA GROUP, INC.
OAKLAND, CALIFORNIA

LAW/CRANDALL, INC.

SITE PLAN
PATRICK MEDIA
1601 MARITIME STREET
OAKLAND, CALIFORNIA

JOB NO. 70411-50010-08 FIGURE 2

C:\DWGS\GECAPTOL\PATRICK\50010F2 M.A.H. 6/20/95

Table 1: Summary of Soil Sample Analytical Results

Sample/ Boring Number	Sample Depth (feet)	Constituent Detected TPH/G	Benzene	Ethylbenzene	Toluene	Xylenes	Lead
Tank Removal Analytical Results 1-14-94							
TP-1	6.5	ND<1	ND<0.005	ND<0.005	ND<0.005	0.013	15
TP-2	6.5	ND<1	ND<0.005	ND<0.005	ND<0.005	ND<0.005	63
D-1	1	ND<1	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<5
Well Installation Analytical Results 8-12-94							
B-1	5.0	ND<1	ND<0.005	ND<0.005	ND<0.005	ND<0.005	290 (24)
B-2	5.0	ND<1	ND<0.005	ND<0.005	ND<0.005	ND<0.005	19
B-3	6.0	ND<1	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<4.9

Notes:

(1) All results noted in units of milligrams per kilogram (mg/kg).

(2) TPH/G: Total Petroleum Hydrocarbons as Gasoline

(3) ND: Not detected above indicated laboratory detection limit

(4) (24): Result of reanalysis of sample

Prepared/Date: DAP/6-14-95

Checked Date: MIM/6-15-95

Table 3: Summary of Groundwater Sample Analytical Results

unfiltered

Sampling Date	Constituent Analyzed (ug/L) TPH/G	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
Aug-94						
MW-1	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3.0
MW-2	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3.0
MW-3	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.7
W-1	ND<50	0.9	2.4	1.3	8.7	670
Nov-94						
MW-1	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3.0
MW-2	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3.0
MW-3	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3.0
Feb-95						
MW-1	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3.0
MW-2	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3.0
MW-3	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3.0
May-95 ✓ 5-19-95						
MW-1	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3.0
MW-2	ND<50	1.6	ND<0.5	ND<0.5	ND<0.5	ND<3.0
MW-3	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3.0
MCLs	**	1	100	680	1,750	50

Notes:

All results noted in units of micrograms per liter (ug/L)

MCLs - California Maximum Contaminant Levels based upon California Code of Regulations Title 22

ND - Not detected at laboratory detection limits

TPH/G - Total petroleum hydrocarbons as gasoline

** - No MCL established

Prepared/Date: DAP/6-14-95

Checked/ Date: MIM/6-15-95