ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

June 21, 2013

Mr. Matthew Naclerio *(Sent via e-mail to: mnaclerio@ci.alameda.ca.us)*
City of Alameda
2263 Santa Cara Avenue
Alameda, CA 94501-4488

Subject: Case Closure Transmittal; Fuel Leak Case No. RO0003024 and GeoTracker Global ID T0600100045, City of Alameda Police Department, 1555 Oak Street, Alameda, CA 94501

Dear Mr. Naclerio:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- The initial report that discovered contamination at the site, dated July 2, 1986, stated that the UST was a 1,000 gallon diesel tank. However, no records exist of an installation or removal of a tank of this size from the site. Current city records and documents dated prior to 1986 indicate that the tank is a 6,000 gallon fiberglass tank.

If you have any questions, please call Karel Detterman at (510) 567-6708. Thank you.

Sincerely,

Donna L. Drogos, P.E.
Division Chief

Enclosures: 1. Remedial Action Completion Certificate
2. Case Closure Summary

cc: Jesse Barajas, City of Alameda Public Works (Sent via E-mail to: jbarajas@ci.alameda.ca.us)

Cherie McCaulou (w/enc.), SF- Regional Water Quality Control Board, 1515 Clay Street, Suite 1400, Oakland, CA 94612, (sent via electronic mail to CMacaulou@waterboards.ca.gov)

Donna Drogos, (sent via electronic mail to donna.drogos@acgov.org)
Karel Detterman (sent via electronic mail to karel.detterman@acgov.org)
Electronic File, GeoTrack

ALAMEDA COUNTY
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AGENCY
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1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
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REMEDIAL ACTION COMPLETION CERTIFICATION

June 21, 2013

Mr. Matthew Naclerio *(Sent via e-mail to: mnaclerio@ci.alameda.ca.us)*
City of Alameda
2263 Santa Cara Avenue
Alameda, CA 94501-4488

Subject: Case Closure for Fuel Leak Case No. RO0003024 and GeoTracker Global ID T0600100045, City of Alameda Police Department, 1555 Oak Street, Alameda, CA 94501

Dear Mr. Naclerio:

This letter confirms the completion of a site investigation and remedial action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: June 21, 2013

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6708
Responsible Staff Person: Karel Detterman	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: City of Alameda Police Department		
Site Facility Address: 1555 Oak Street, Alameda, CA 94501		
RB Case No.: 01-0051	Local Case No.: -------	LOP Case No.: RO0003024
URF Filing Date: ------	Geotracker ID: T0600100045	APN: 71-219-28-2

Responsible Parties	Addresses	Phone Numbers
Matthew Naclerio City of Alameda	2263 Santa Clara Avenue Alameda, CA 94501-4488	(510) 747-7930
------	-------	------

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
------	6,000	Diesel	UST system upgraded*	1999
Piping			Piping upgraded*	1999

* UST system is currently in place & operational

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. 1986 compliance well sampling indicated the presence of petroleum hydrocarbons in the groundwater sample. USTs in compliance with current leak detection monitoring system.		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? Yes	Number: 1	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 7.5 feet bgs	Lowest Depth: 9.08 ft bgs	Flow Direction: South to southwest *
Most Sensitive Current Use: Potential drinking water source.		

* Gradient from RO0002971, 2301-2307 Lincoln Avenue, Alameda, CA 94502

Summary of Production Wells in Vicinity:

A Water Supply Well Survey with a radius of 2,000 feet was conducted; six water supply wells were identified.

- The nearest water supply well is a 206-foot deep agricultural/irrigation well located approximately 500 feet northwest of the site. Based on the distance from the site and cross gradient location, the agricultural/irrigation well is not expected to be a receptor for the site.
- A 325-feet deep domestic water supply well is located approximately 1,050 feet southwest of the site. Based on the distance from the site and down gradient location, the domestic water supply well is not expected to be a receptor for the site.
- A 17-foot deep irrigation well is located approximately 1,300 feet southeast of the site. Based on the distance from the site and cross gradient location, the irrigation well is not expected to be a receptor for the site.
- Two industrial wells are located approximately 1,400 feet northeast of the site. Based on the distance from the site and up gradient location, the industrial water supply wells are not expected to be receptors for the site.
- An irrigation well is located approximately 1,450 feet east northeast of the site. Based on the distance from the site and up gradient location, the irrigation well is not expected to be a receptor for the site.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: San Leandro Channel is approximately 80 south of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None identified.	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and Geotracker

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tanks	6,000-gallon	UST system upgraded	1999
Piping	----	Piping upgraded	1999
Free Product	----	----	----
Soil	----	----	----
Groundwater	----	----	----

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments 1 through 6 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
TPH (Diesel)	<0.001	<0.001	1,600	270 (1)
Oil and Grease	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Benzene	<0.0079	<0.0079	< 0.5	< 0.5
Toluene	<0.0079	<0.0079	< 0.5	< 0.5
Ethylbenzene	<0.0079	<0.0079	< 0.5	< 0.5
Xylenes	<0.016	<0.016	< 1.0	< 1.0
Heavy Metals (Cd, Cr, Pb, Ni, Zn)	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
MTBE	<0.0079 (2)	<0.0079 (2)	<0.5 (3)	<0.5 (3)
Other (8240/8270)	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed

(1) Grab Groundwater Sample
(2) MTBE, EDB, EDC, TAME, ETBE, and DIPE < 0.0079 ppm and TBA < 0.016 ppm.
(3) MTBE < 0.50 ppb, EDB, EDC, TAME, ETBE, and DIPE < 0.5 ppb, and TBA < 4.0 ppb

Site History and Description of Corrective Actions:

The site is currently a police department and is located near the corner of Lincoln Avenue and Oak Street in Alameda, California. Surrounding land use is mixed commercial and residential. The surrounding properties are mostly commercial, with the Alameda Library to the southeast and Alameda City Hall to the southwest of the site.

According to Alameda County's records, a 6,000 gallon diesel underground storage tank (UST) was installed in 1977, the UST system was upgraded in 1999, and is still in use. A compliance monitoring well was installed on June 4, 1986 to monitor the onsite 6,000 gallon diesel underground storage tank (UST). Depth to water was measured at 7.5 feet below the ground surface (bgs) during the monitoring well installation. A groundwater sample collected from the monitoring well on June 9, 1986 contained 1,600 parts per billion (ppb) total petroleum hydrocarbons as diesel (TPHD). Between 1986 and 2011 there are no records indicating that the monitoring well was sampled.

On December 28, 2011, three direct-push soil borings (B-1, B-2, and B-3) were advanced to determine the extent of the previously reported groundwater contamination and the monitoring well was redeveloped and sampled. Soil samples from the borings were collected at or just above the soil-water interface. No staining or odors were observed in soil removed from the borings. All soil and grab groundwater samples, except for one groundwater sample, were found not to contain detectable concentrations of Total Petroleum Hydrocarbons as diesel (TPHD) and benzene, toluene, ethyl benzene, and total xylenes (BTEX), MTBE, TBA, DIPE, ETBE, TAME, EDB, and EDC. 270 ppb TPHD was detected in the grab groundwater sample from boring B-2 located approximately 10 feet north of the UST.

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? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: None		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded: ---
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 1
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: ----		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

The initial report that discovered contamination at the site, dated July 2, 1986, stated that the UST was a 1,000 gallon diesel tank. However, no records exist of an installation or removal of a tank of this size from the site. Current city records and documents dated prior to 1986 indicate that the tank is a 6,000 gallon fiberglass tank.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. No further investigation or cleanup is necessary. ACEH staff recommend closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Karel Detterman, P.G.	**Title:** Hazardous Materials Specialist
Signature: Karel Detterman	**Date:** 3/1/2013
Approved by: Donna L. Drogos, P.E.	**Title:** Division Chief
Signature:	**Date:** 3/1/2013

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Notification Date: 3/4/2013	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 3/4/2013	Date of Well Decommissioning Report: 5/23/2013	
All Monitoring Wells Decommissioned: Yes	Number Decommissioned: 1	Number Retained: 0
Reason Wells Retained: N/A		
Additional requirements for submittal of groundwater data from retained wells: N/A		
ACEH Concurrence - Signature: Karel Detterman		Date: 6/20/2013

Attachments:
1. Site Vicinity Map and Aerial Photograph (2 pp)
2. Site Plan (2 pp)
3. Water Supply Well Location Map (2pp)
4. Soil Analytical Data (1 pp)
5. Groundwater Analytical Data (2 pp)
6. Boring Logs (4 pp)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATION shall be retained by the lead agency as part of the official site file.

ATTACHMENT 1

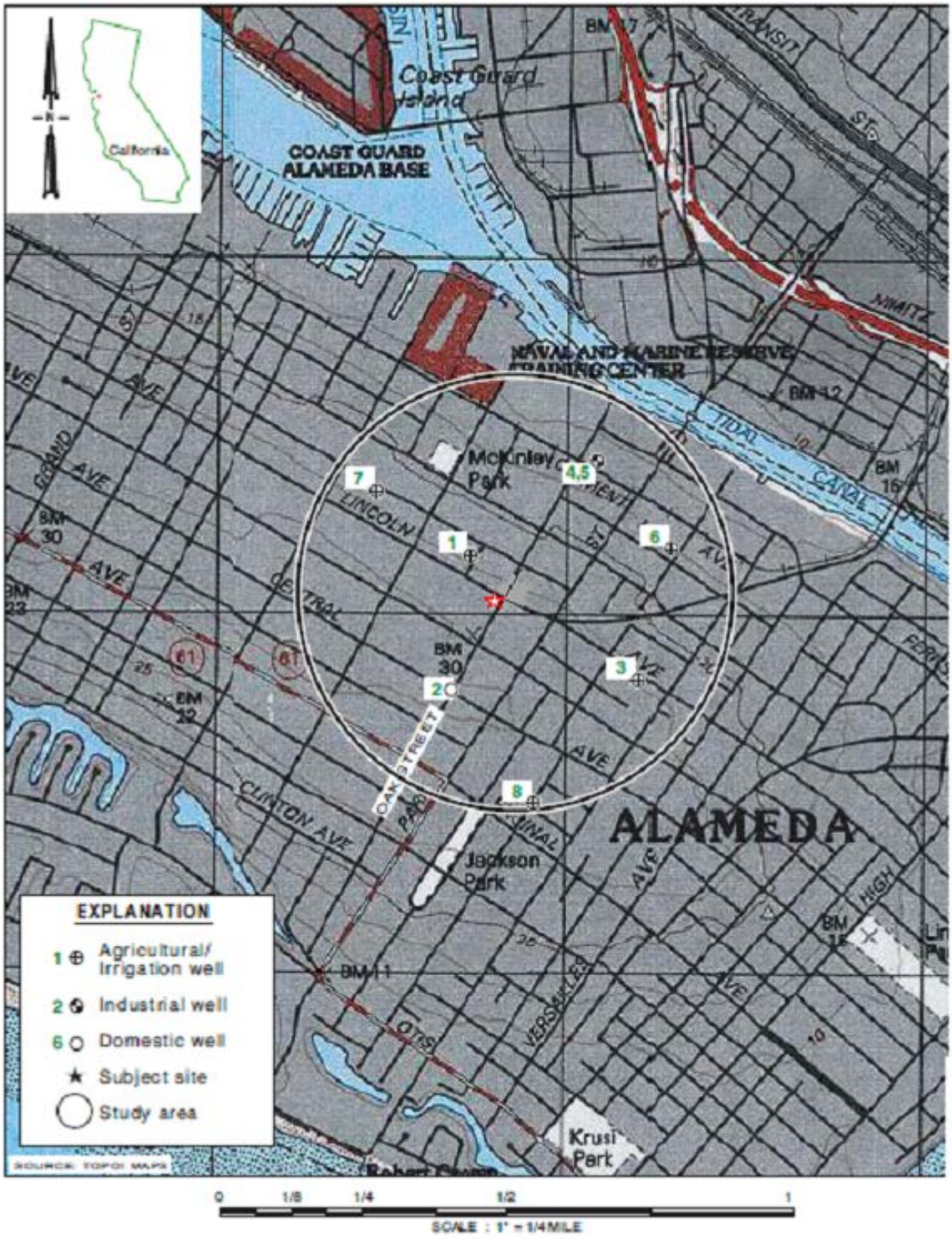
Site Vicinity Aerial Photograph

RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501

ATTACHMENT 1

Site Location Map

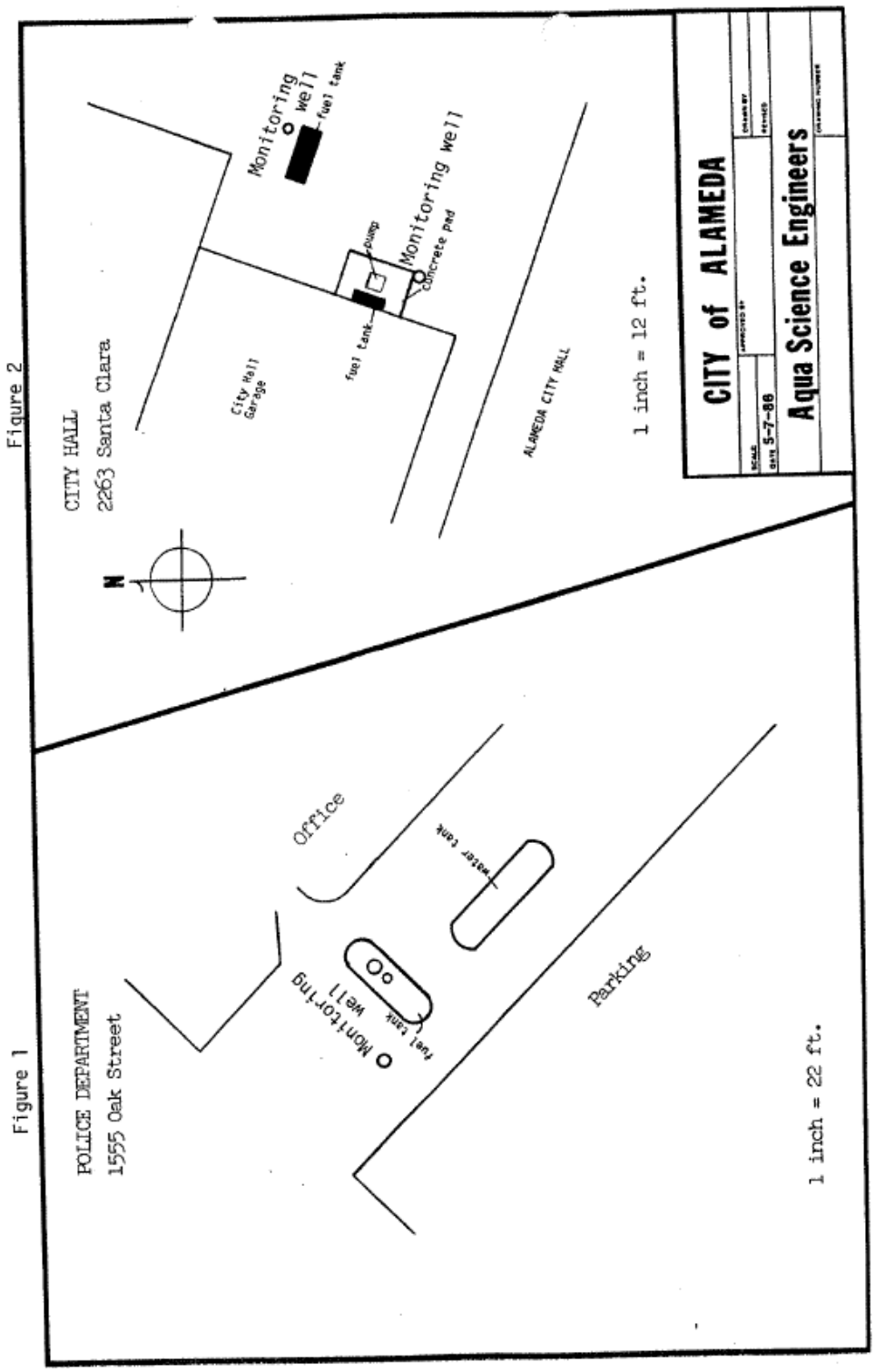
RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501



ATTACHMENT 2

Site Plan

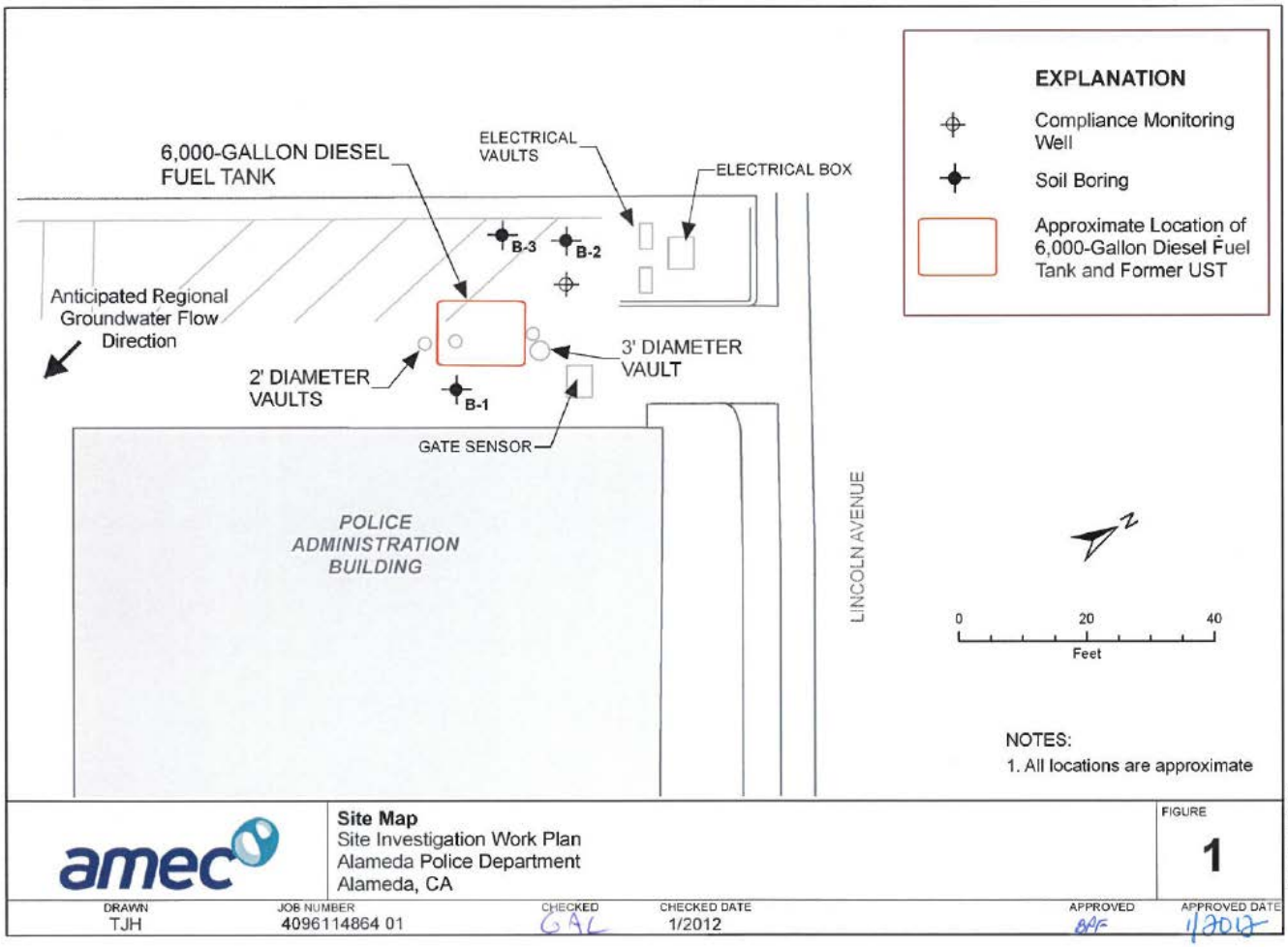
RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501



ATTACHMENT 2

Site Plan

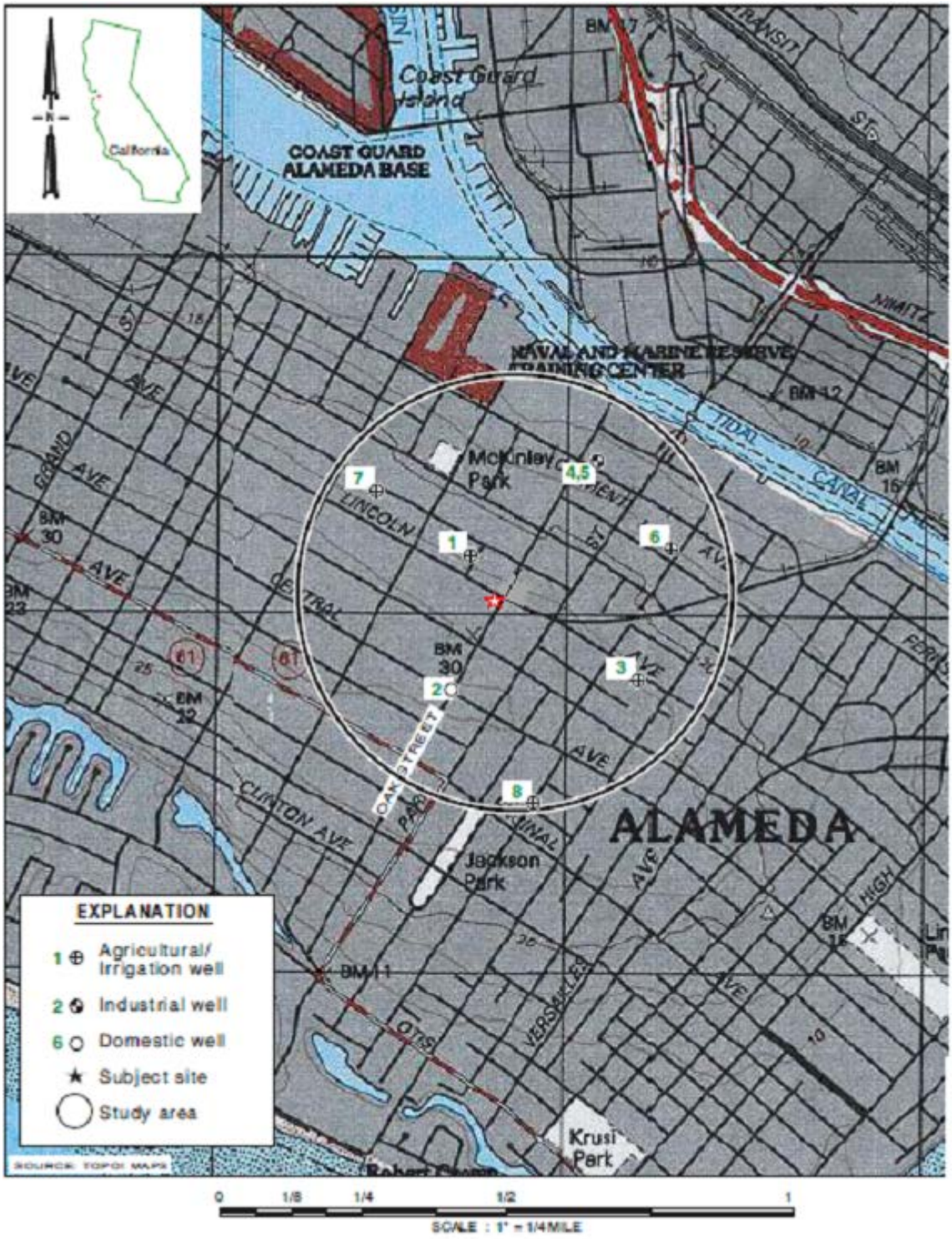
RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501



ATTACHMENT 3

Water Supply Well Location Map

RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501



ATTACHMENT 3

Water Supply Well Location Table

RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501

Map ID	State Well ID	Owner Well ID	Approximate Distance from Site (feet)	Direction from Site	Use	Installation Date	Depth (fbg)	Screened Interval (fbg)	Sealed Interval (fbg)	Diameter (inches)	Well Location
1	2S3W-7N 1	unknown	500	NW	IRR	unknown	206	unknown	unknown	unknown	2235 Lincoln Ave., Alameda, CA
2	2S4W-12R 1	unknown	1,050	SSW	DOM	unknown	325	unknown	unknown	16	Central Ave. & Oak St., Alameda, CA
3	2S3W-7P 2	unknown	1,300	NW	IRR	8/23/78	17	9-17	unknown	6	2538 Lincoln Ave., Alameda, CA
4	2S3W-7M 1	unknown	1,400	NE	IND	4/9/77	72	20-71	0-20	6	2307 Clement Ave., Alameda, CA
5	2S3W-7M 2	unknown	1,400	NE	IND	4/18/77	80	20-80	0-20	6	2307 Clement Ave., Alameda, CA
6	2S3W-7L 2	unknown	1,450	ENE	IRR	unknown	unknown	unknown	0-8	4	1819 Everett St., Alameda, CA
7	2S4W-12J 1	unknown	1,700	NW	IRR	8/77	29	unknown	0-11	6	2138 Pacific Ave., Alameda, CA
8	2S3W-18D1	unknown	2,000	S	IRR	5/1/1977	20	12-20	0-10	6	2518 Chester St., Alameda, CA

Notes:

Well information provided by the Alameda County Public Works Agency (ACPWA) and California Department of Water Resources (DWR).
Map ID number refers to map location on Figure 1.
State Well ID = California State well identification number as provided by ACPWA and/or DWR.
Well locations are approximate and have not been field verified. The well locations are plotted on Figure 1 based on the information provided by ACPWA and/or DWR.
Current well status is not known and has not been field verified.
Monitoring wells, test wells, recovery wells, cathodic protection wells, abandoned wells, and destroyed wells were not included in the table or mapped.
fbg = feet below grade
DOM = Domestic
IRR = Irrigation
IND = Industrial

ATTACHMENT 4

Soil Analytical Data

RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501

Table 1. Soil Sample Ananlytical Results

Soil and Groundwater Investigation
Alameda Police Department, 1555 Oak Street
Alameda, California

Sample Location	Sample ID	Sample Depth	Date Collected	Reported Concentrations												
				TPHd	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	TAME	ETBE	DIPE	TBA
		(feet bgs)		(mg/kg)	<.....µg/kg.....>											
B-1	S-B1-11.5	11.5	12/28/2011	ND(1.0)	ND(3.9)	ND(3.9)	ND(3.9)	ND(7.7)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(7.7)
B-1	S-B1-19.5	19.5	12/28/2011	ND(0.99)	ND(7.9)	ND(7.9)	ND(7.9)	ND(16)	ND(7.9)	ND(7.9)	ND(7.9)	ND(7.9)	ND(7.9)	ND(7.9)	ND(16)
B-2	S-B2-11.5	11.5	12/28/2011	ND(1.0)	ND(3.7)	ND(3.7)	ND(3.7)	ND(7.5)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(7.5)
B-2	S-B2-19.5	19.5	12/28/2011	ND(1.0)	ND(3.6)	ND(3.6)	ND(3.6)	ND(7.3)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(7.3)
B-3	S-B3-11	11	12/28/2011	ND(1.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(8.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(8.0)
B-3	S-B3-19.5	19.5	12/28/2011	ND(0.99)	ND(3.7)	ND(3.7)	ND(3.7)	ND(7.5)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(7.5)

Notes:
bgs = below ground surface
DIPE = di-isopropyl ether analyzed using EPA method 8260B.
EDB = ethylene dibromide analyzed using EPA method 8260B.
EDC = ethylene dichloride (1,2-Dichloroethane) analyzed using EPA method 8260B.
ETBE = ethyl tert-butyl ether analyzed using EPA method 8260B.
mg/kg = milligrams per kilogram
MTBE = methyl tertiary-butyl ether analyzed using EPA method 8260B.
ND( ) = Not detected above the laboratory reporting limits (reporting limit in paranthesis).
TAME = tert-amyl-methyl ether analyzed using EPA method 8260B.
TBA = t-butyl alcohol analyzed using EPA method 8260B.
TPHd = Total Petroleum Hydrocarbons, diesel range (C10-C28), analyzed using EPA method 8015M, with silica gel strip (EPA method 3630C).
µg/kg = micrograms per kilogram

Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyzed using EPA method 8260B.

ATTACHMENT 5

Groundwater Analytical Data

RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501

Table 2. Groundwater Sample Analysis Results

Soil and Groundwater Investigation
Alameda Police Department, 1555 Oak Street
Alameda, California

Sample Location	Date Collected	Reported Concentrations											
		TPHd	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	TAME	ETBE	DIPE	TBA
		µg/l											
B-1	12/28/2011	ND(55)	ND(0.50)	ND(0.50)	ND(0.50)	ND(1.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(4.0)
B-2	12/28/2011	**270**	ND(0.50)	ND(0.50)	ND(0.50)	ND(1.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(4.0)
B-3	12/28/2011	ND(58)	ND(0.50)	ND(0.50)	ND(0.50)	ND(1.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(4.0)
MW-1	12/28/2011	ND(53)	ND(0.50)	ND(0.50)	ND(0.50)	ND(1.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(4.0)

Notes:
bgs = below ground surface
DIPE = di-isopropyl ether analyzed using EPA method 8260B.
EDB = ethylene dibromide analyzed using EPA method 8260B.
EDC = ethylene dichloride (1,2-Dichloroethane) analyzed using EPA method 8260B.
ETBE = ethyl tert-butyl ether analyzed using EPA method 8260B.
MTBE = methyl tertiary-butyl ether analyzed using EPA method 8260B.
ND( ) = Not detected above the laboratory reporting limits (reporting limit in paranthesis).
TAME = tert-amyl-methyl ether analyzed using EPA method 8260B.
TBA = t-butyl alcohol analyzed using EPA method 8260B.
TPHd = Total Petroleum Hydrocarbons, diesel range (C10-C28), analyzed using EPA method 8015M, with silica gel strip (EPA method 3630C).
µg/l = micrograms per liter

Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyzed using EPA method 8260B.

ATTACHMENT 5

Groundwater Analytical Data

RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501

WESCO LABORATORIES

RECEIVED
JUN 18 1986
AQUA SCIENCE ENG.

Date: June 17, 1986
Client: Aqua Science
Submitted by: E. Bratlien
Report to: Aqua Science
WESCO Job #: AQS 8648

Client Job/P.O. #: Alameda City
Date collected: 6-9-86
Date submitted: 6-10-86
& type of sample(s): 8 Water

Lab No.	Client ID	Motor Fuel (mg/l)	Beuzene (mg/l)	Toluene (mg/l)	Xylene (mg/l)	Fuel Type	
4629	Fire House #2 635 Pacific Street	< 0.2	———	———	———	Diesel	
4630	Fire House #3 1703 Grand Street	5.4	———	———	———	Diesel	
4631	Police Dept. 1555 Oak Street	1.6	———	———	———	Diesel	
4632	Fire House #1 1300 Park Street	< 0.2	———	———	———	Diesel	
4633	City Hall #1 2263 Santa Clara	< 0.05	< 0.001	< 0.001	< 0.001	Gasoline	
4634	City Hall #2 2263 Santa Clara	< 0.05	< 0.001	< 0.001	< 0.001	Gasoline	
4635	Fire House #3 1703 Grand Street	< 0.05	< 0.001	< 0.001	< 0.001	Gasoline	
4636	Alameda Municipal Golf Course	< 0.05	< 0.001	< 0.001	< 0.001	Gasoline	
	METHOD: Note 1						

NOTES:
Note 1 - EPA method 5020/8015/8020.

Analytical Supervisor

WESCO LABORATORIES IS A DIVISION OF
WESTERN ECOLOGICAL SERVICES COMPANY (WESCO)

ATTACHMENT 6

Boring Log

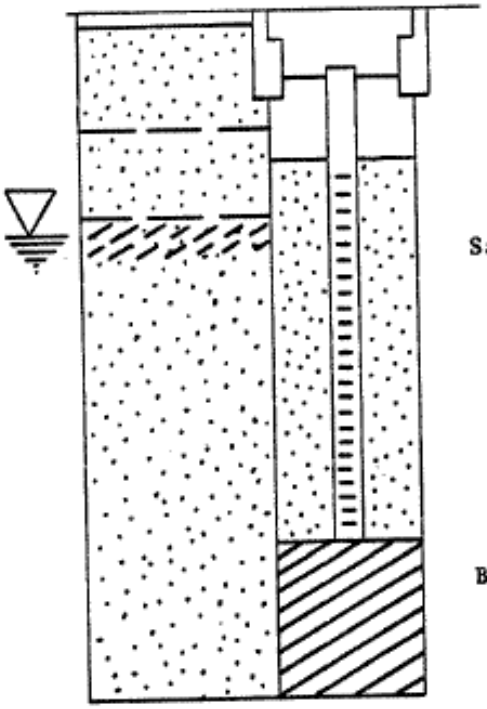
RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501

AQUA SCIENCE ENGINEERS WELL LOG

Casing: 2" PVC
Well Depth: 18.0 ft.
Logged By: D. Schultz, P.E.
Water Depth: 7.5 ft.
Driller: ASE

Alameda Police Dept.
1555 Oak Street
Alameda, CA
Boring # 1
Date: 6-4-86

DEPTH (ft.)	SOIL DESCRIPTION	WELL CONSTRUCTION DETAILS
0-	6" Asphalt Cover	
2-	Dark Brown Sand	
4-	Light Brown Sand	
6-		
8-	Light Brown Sand, some Clay	
10-		
12-		
14-		
16-		
18-		
20-		
22-		

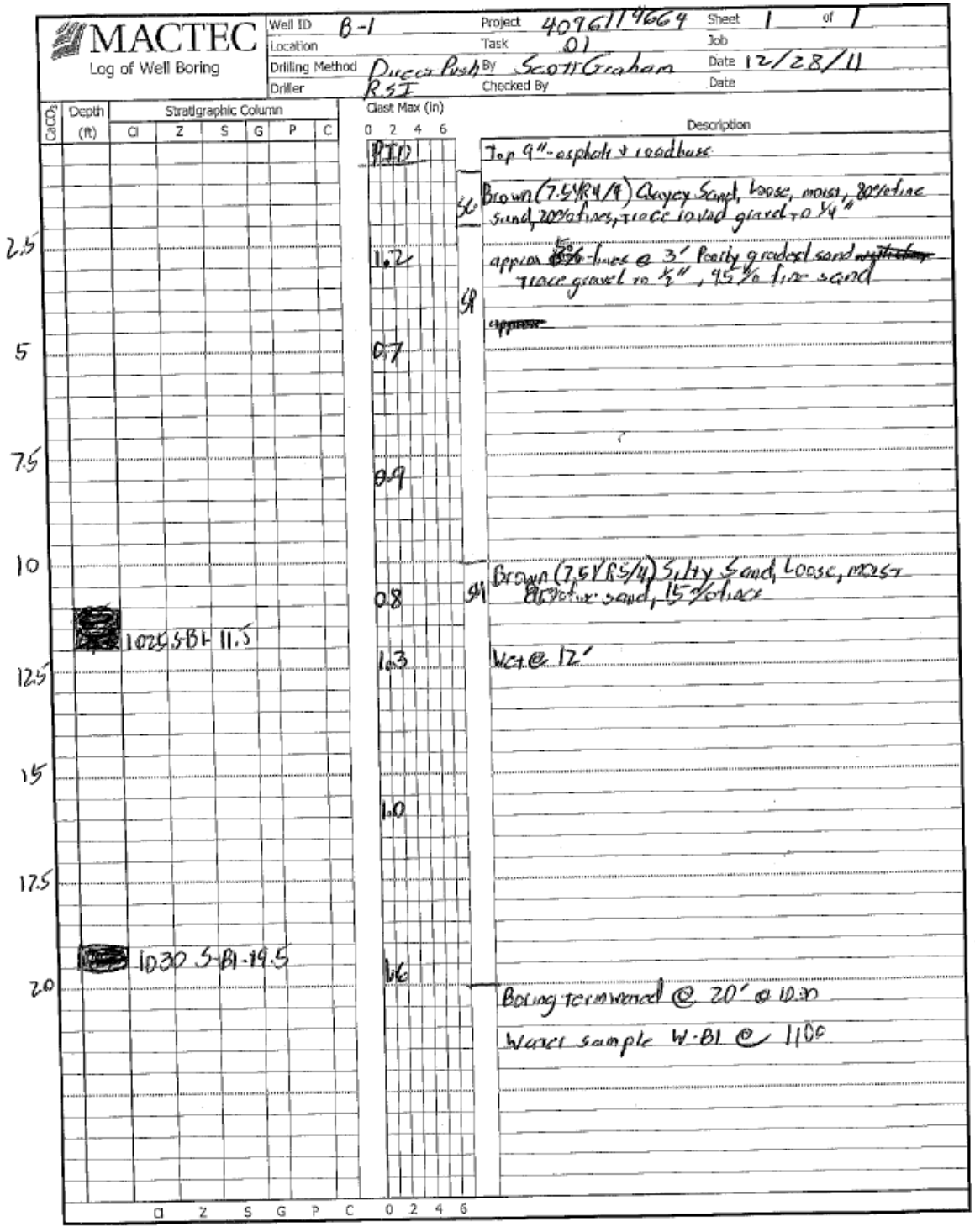


Bottom of Boring 22.5 ft.

ATTACHMENT 6

Boring Log

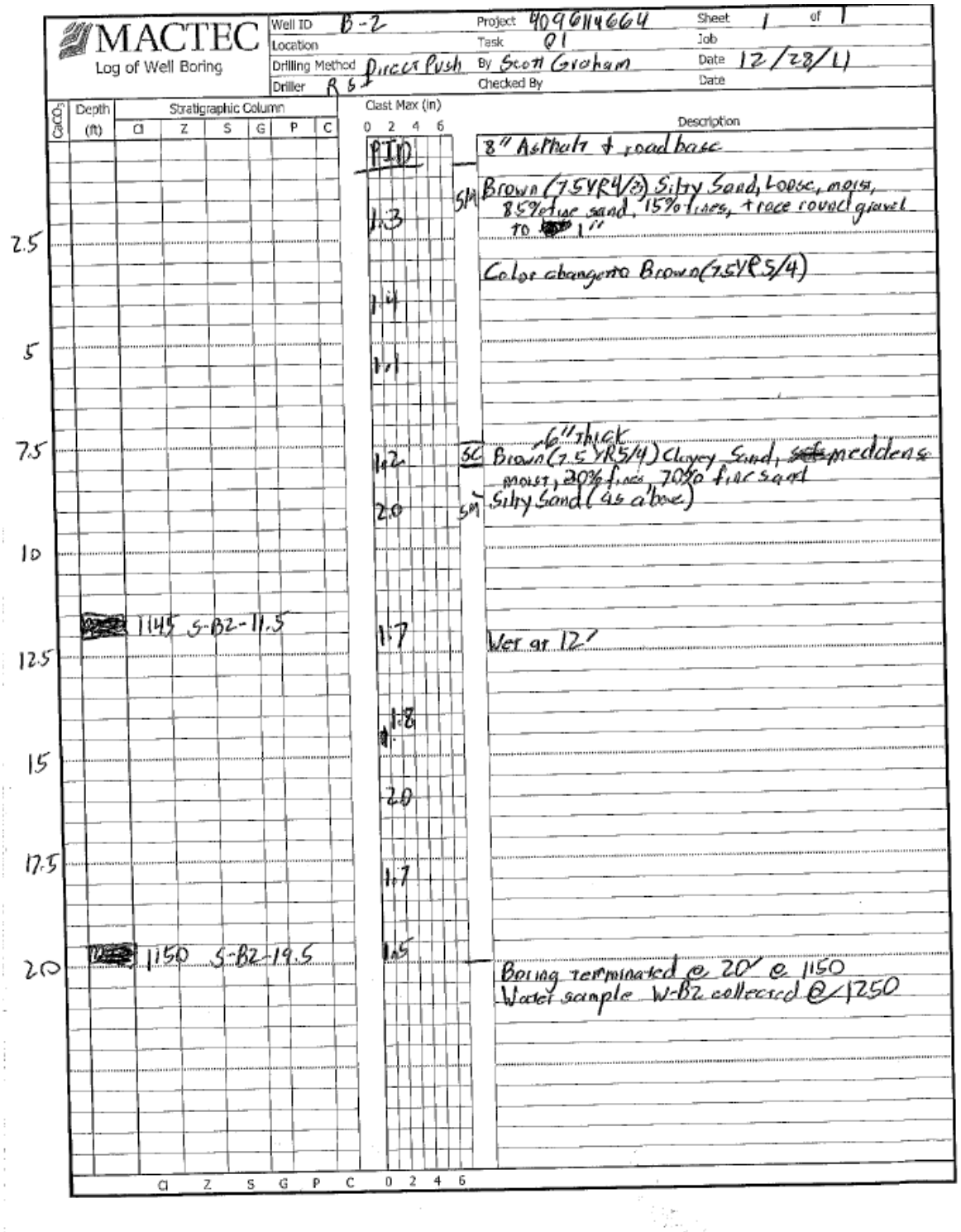
RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501



ATTACHMENT 6

Boring Log

RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501



ATTACHMENT 6

Boring Log

RO0003024 - Alameda Police Department, 1555 Oak Street, Alameda, CA 94501