



PORT OF OAKLAND

ENVIRONMENTAL
PROTECTION
96 JUN 20 PM 1:40

June 19, 1996

Ms. Jennifer Eberle
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 94502

**SUBJECT: MONITORING WELL ABANDONMENT,
TRANSBAY CONTAINER TERMINAL (TBCT),
707 FERRY STREET, OAKLAND, CALIFORNIA,
STID # 3982**

Dear Jennifer:

The Port of Oakland has completed the abandonment of monitoring well MW-1 previously located at TransBay Container Terminal (TBCT), 707 Ferry Street, Oakland, California. The task was completed June 6, 1996 on the Port's behalf by Alisto Engineering Group. Enclosed with this letter is a copy of Alisto's June 14th report titled, Destruction of Groundwater Monitoring Well, that documents the work. Alisto also submitted in the Port's behalf, a State of California, Well Completion Report to Alameda County, Water Resource Management Zone 7 and to the California Department of Water Resources, Central District Office (copy also enclosed).

With the submittal of this report, the Port of Oakland requests final closure of the TBCT underground storage tank site. If you have any questions, please do not hesitate to call me at 272-1373.

Sincerely,

John Prall, R.G.

Associate Environmental Scientist

Enclosures

cc: Neil Werner



ALISTO ENGINEERING GROUP

June 14, 1996

Mr. John Prall
Port of Oakland
530 Water Street
Oakland, California 94607

PORT OF OAKLAND
ENVIRONMENTAL DIVISION

ENVIRONMENTAL
PROTECTION
96 JUN 20 PM 1:40

JUN 18 REC'D
RECEIVED
ENVIRONMENTAL DIVISION

10-255-01-004

Subject: Destruction of Groundwater Monitoring Well
Port of Oakland
Berth 25
707 Ferry Street
Oakland, California

Dear Mr. Prall:

This letter documents the destruction of one monitoring well at the Transbay Container Terminal, Port of Oakland, Berth 25, 707 Ferry Street, Oakland, California. Based on the letter from the Alameda County Health Care Services Agency, dated April 5, 1996, Alisto Engineering Group was contracted to destroy Monitoring Well MW-1 (see Attachment 1). A site vicinity map is shown as Figure 1, and a site plan showing the location of the former well is presented as Figure 2.

Prior to monitoring well destruction, a permit was acquired from the Zone 7 Water Agency, a copy of which is included as Attachment 2. Monitoring Well MW-1 was destroyed pumping neat cement slurry into the well casing. To ensure that the neat cement slurry was forced into the filter pack of the well, the pump remained operating for approximately 5 minutes after the casing was filled. Approximately 25 gallons of neat cement slurry were pumped into the well casing, which has an internal volume of approximately 4 gallons. A copy of the boring log is presented in Attachment 3.

Please call if you have questions or comments.

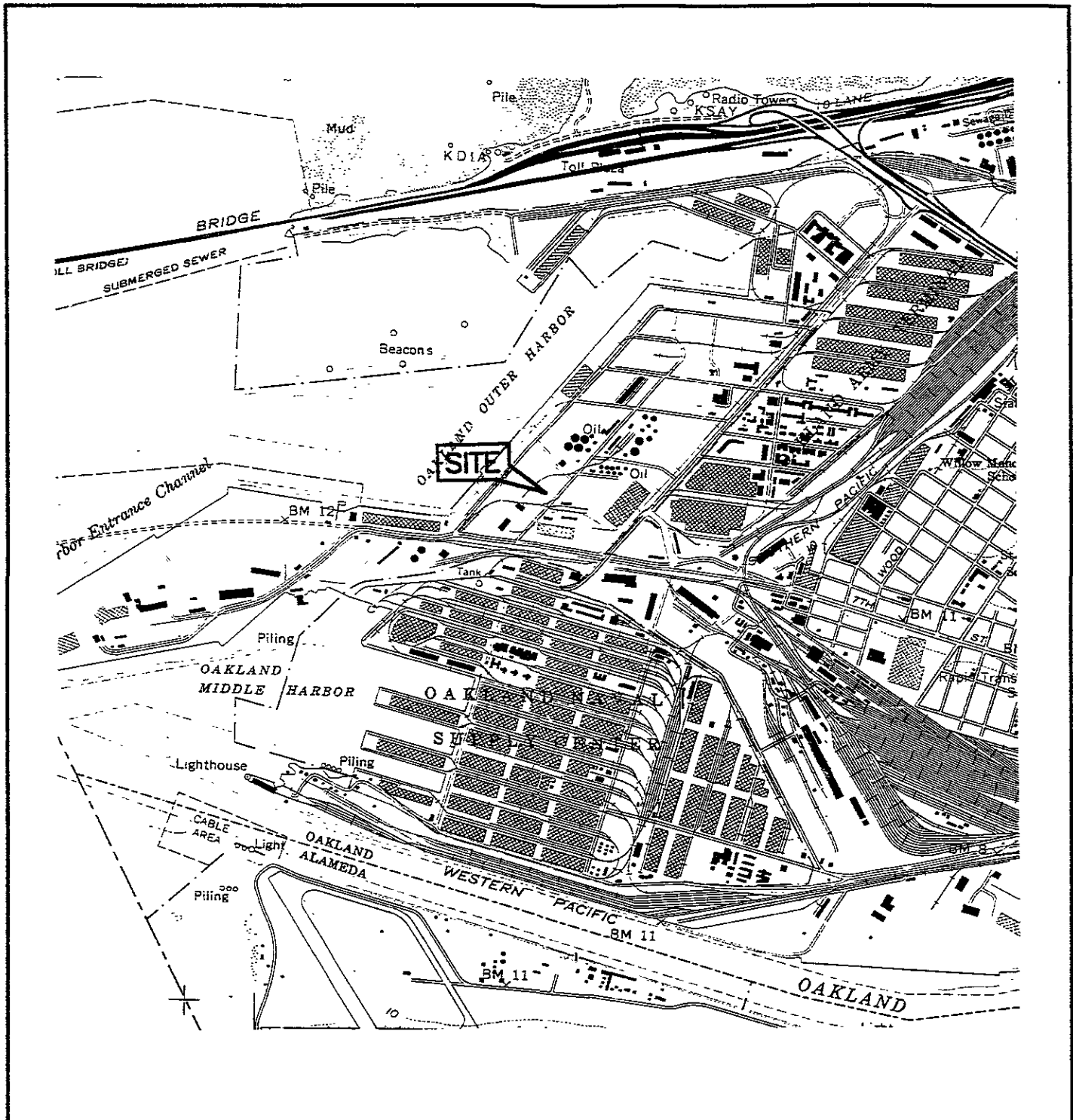
Sincerely,

ALISTO ENGINEERING GROUP

Brady Nagle
Project Manager

Attachments

F:\0\10-255\255DEST.RPT



SOURCE:
 USGS MAP, OAKLAND WEST QUADRANGLE,
 7.5 MINUTE SERIES, 1959.
 PHOTOREVISED 1980.

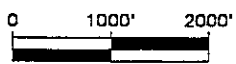
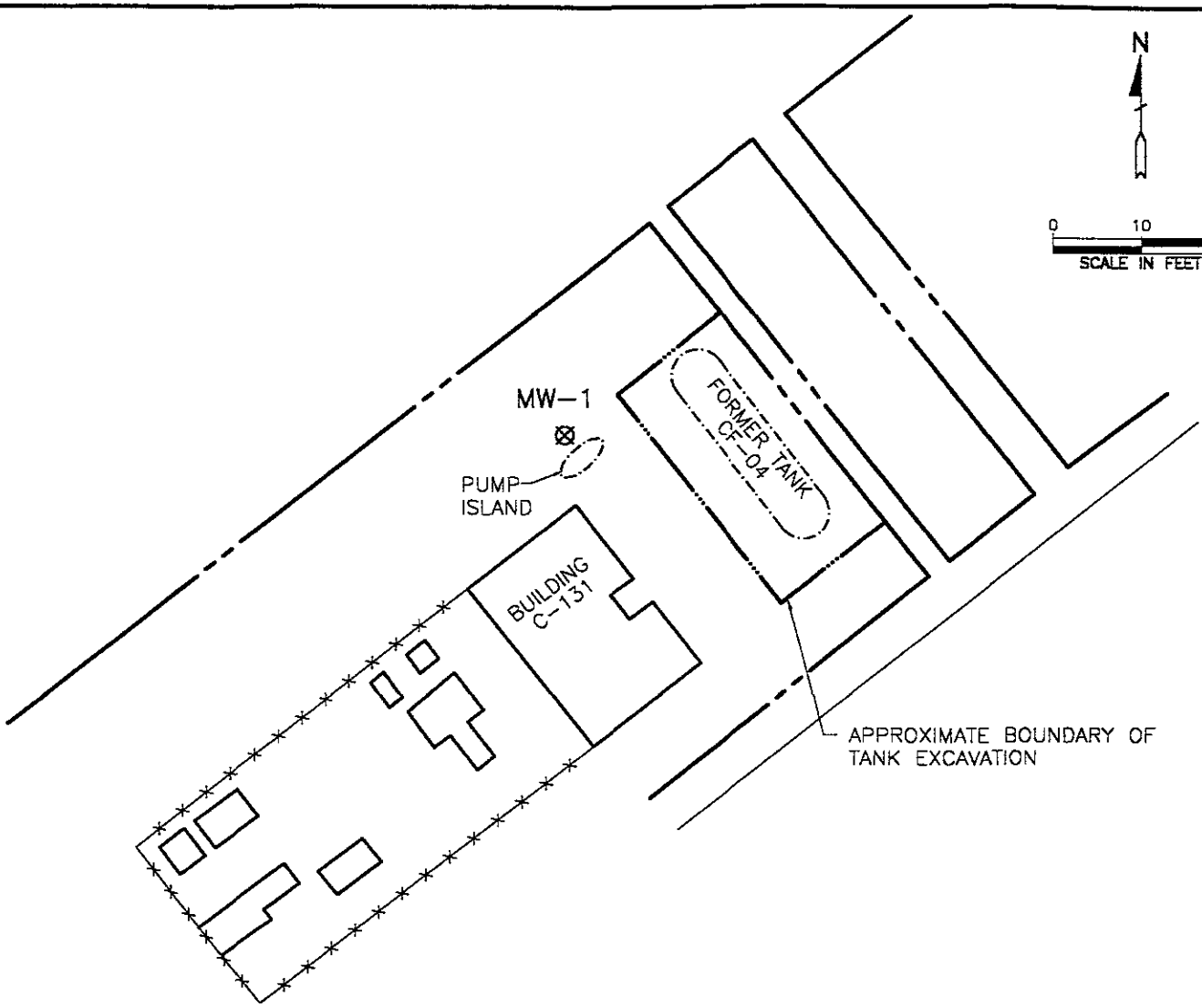
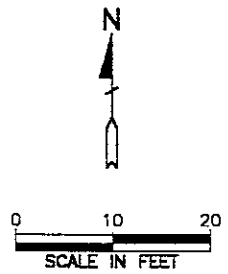


FIGURE 1
SITE VICINITY MAP
 PORT OF OAKLAND
 BERTH 25
 707 FERRY STREET
 OAKLAND, CALIFORNIA
 PROJECT NO. 10-255





LEGEND

⊗ DESTROYED WELL

FIGURE 2

SITE PLAN

PORT OF OAKLAND
BERTH 25
707 FERRY STREET
OAKLAND, CALIFORNIA

PROJECT NO. 10-255



ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

ATTACHMENT 1

LETTER FROM THE ACHCSA DATED APRIL 5, 1996

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

10-255
Alameda County Environmental Health Div.
Mail Code: 430-4580
Environmental Protection Services
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

April 5, 1996
STID 3982

Attn: John Prall
Port of Oakland
Environmental Dept.
530 Water St.
Oakland CA 94607

RE: Port of Oakland, Berth 24, Transbay Container site, Oakland CA 94607

Dear Mr. Prall,

As we discussed today, this office is in the process of closing this case. As such, the monitoring well will be destroyed. Groundwater has been non-detect (ND) for the BTEX for the past 5 sampling events. TPH-diesel has been ND or present at low concentrations (ND to 990 ppb). TPH-motor oil has been present at low concentrations (120-1300 ppb). However, BTEX are the main chemicals of concern. For these reasons, I believe it would be proper to pressure grout this well.

If you have any questions, please contact me at 510-567-6761.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Attn: Wyman Hong, Alameda County Flood Control District, Zone 7, Water Agency
5997 Parkside Dr., Pleasanton CA 94588
Acting Chief/file

je.3982zone.7

Post-it™ brand fax transmittal memo 7871		# of pages »
To J. Prall	From J. Eberle	
Co.	Co.	
Dept.	Phone #	
Fax #	Fax #	

ATTACHMENT 2
WELL DESTRUCTION PERMIT



ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588

VOICE (510) 484-2600

FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 707 Ferry St.
Oakland CA

PERMIT NUMBER 96321
LOCATION NUMBER 1S/4W 29J80

CLIENT Name Port of Oakland
Address 530 Water Street Voice
City Oakland CA Zip 94604-2064

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT Name Qlisto Engineering Group
Fed Mosa Fax (510) 295-1923
Address 1575 Treat Blvd (201) Voice (510) 295-1650
City Walnut Creek, CA Zip 94598

A. GENERAL

1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER WELLS, INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

C. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

E. WELL DESTRUCTION. See attached.

TYPE OF PROJECT

Well Construction Geotechnical Investigation
Cathodic Protection _____ General _____
Water Supply _____ Contamination _____
Monitoring _____ Well Destruction ✓

PROPOSED WATER SUPPLY WELL USE

Domestic _____ Industrial _____ Other _____
Municipal _____ Irrigation _____

DRILLING METHOD:

Mud Rotary _____ Air Rotary _____ Auger _____
Cable _____ Other _____

DRILLER'S LICENSE NO. _____

WELL PROJECTS

Drill Hole Diameter _____ in. Maximum _____
Casing Diameter _____ in. Depth 15 ft.
Surface Seal Depth _____ ft. Number 1

GEOTECHNICAL PROJECTS

Number of Borings _____ Maximum _____
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE 4/20/96
ESTIMATED COMPLETION DATE 4/20/96

Approved Wyman Hong Date 1 May 96
Wyman Hong

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Fed Mosa Date 2/2/96

1 May 1996

ZONE 7
WATER RESOURCES ENGINEERING
GROUNDWATER PROTECTION ORDINANCE

PORT OF OAKLAND
707 FERRY STREET
OAKLAND
WELL 1S/4W 29J80
PERMIT 96321

Destruction Requirements:

1. Clean out all bridged or poorly compacted materials to the bottom of the well.
2. Pressure grout the casing to 2 feet below finished grade or original ground, whichever is the lower elevation.
3. Remove casing, seal and gravel pack to 2 feet below finished grade or original ground, whichever is the lower elevation.
4. After the seal has set, backfill the remaining hole with compacted material.

These destruction requirements as proposed by Ted Moise of Alisto Engineering meet or exceed Zone 7 minimum requirements.

ATTACHMENT 3

BORING LOG

Port of Oakland - 707 Ferry Street

Date 5.18/94

Bore Hole MW-1

Location: Northwest of Pump Island

Drilling Method HS Auger/hand auger

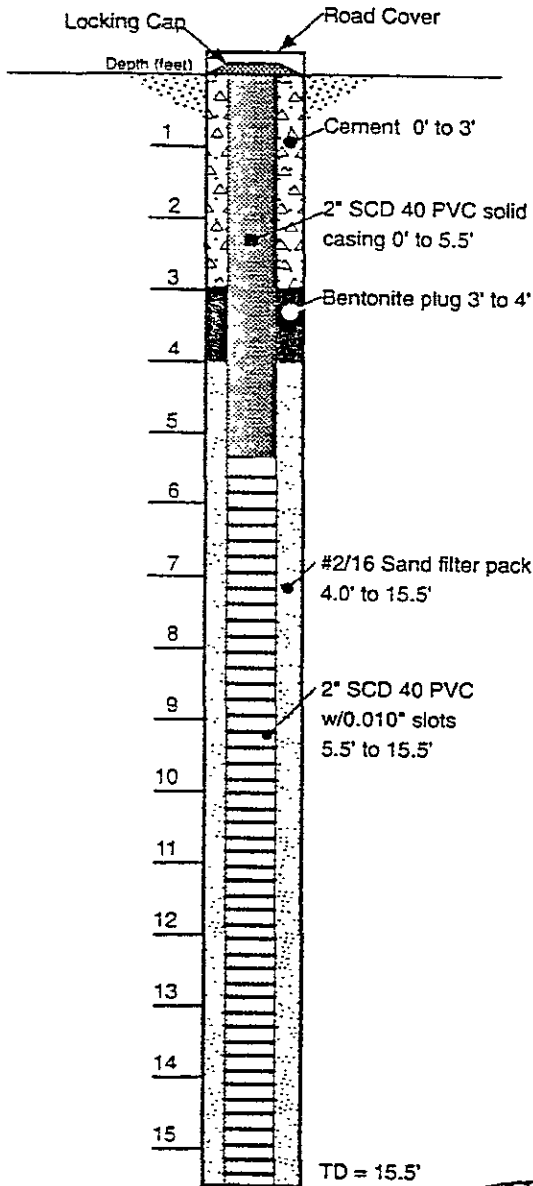
Sampling Method 18" Split spoon

Surface Elevation 14.65

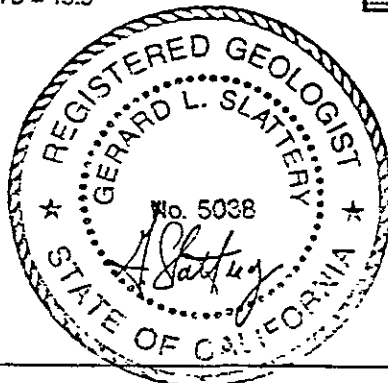
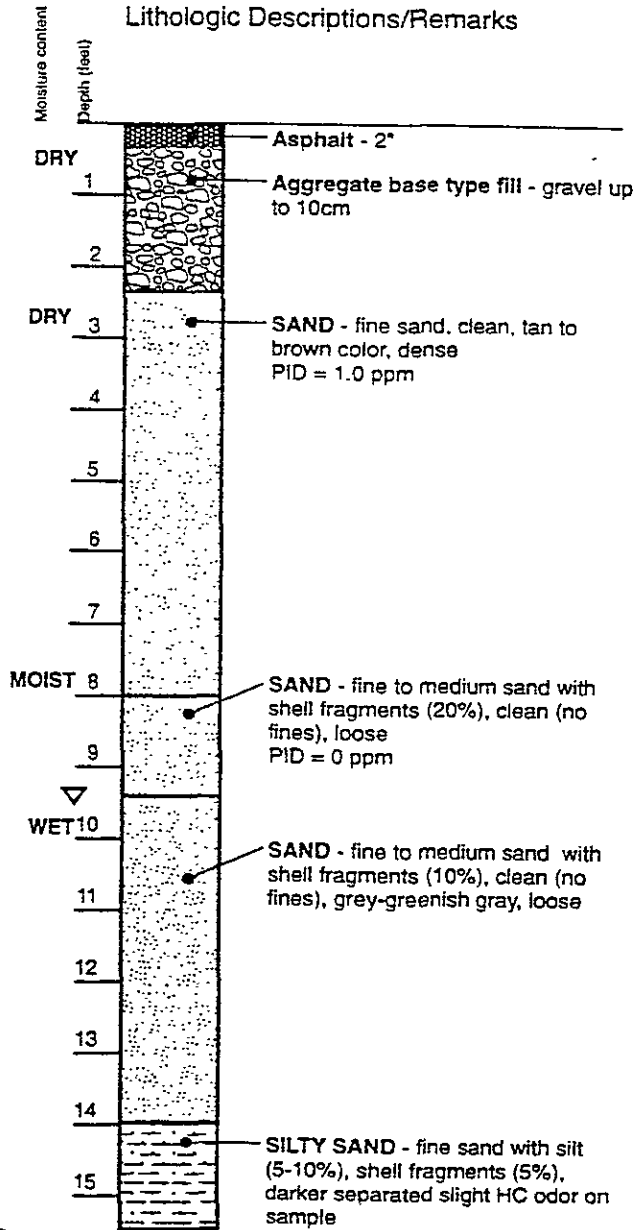
Recorded By JC Borrego

Registered Geologist _____

Well As-Built



Lithologic Descriptions/Remarks



96-405 MW 1 9/13/94 DY

Uribe & Associates



ALISTO ENGINEERING GROUP

PORT OF OAKLAND
ENVIRONMENTAL DIVISION

June 17, 1996

JUN 18 REC'D
R E C E I V E D
ENVIRONMENTAL DIVISION

Mr. Wyman Hong
Water Resource Management, Zone 7
5997 Parkside Drive
Pleasanton, California 94588

10-255-02-001

Subject: Transmittal of DWR Well Completion Report (DWR 188)
Port of Oakland
Berth 25
707 Ferry Street
Oakland, California
Permit No. 96321


Dear Mr. Hong:

Enclosed is a DWR Well Completion Report for well destruction with attached site plan showing the location of groundwater Monitoring Well MW-1 and boring log/well construction details at the above referenced site.

Thank you in advance for your cooperation.

Sincerely,

ALISTO ENGINEERING GROUP


Christine Ladd
Staff Geologist

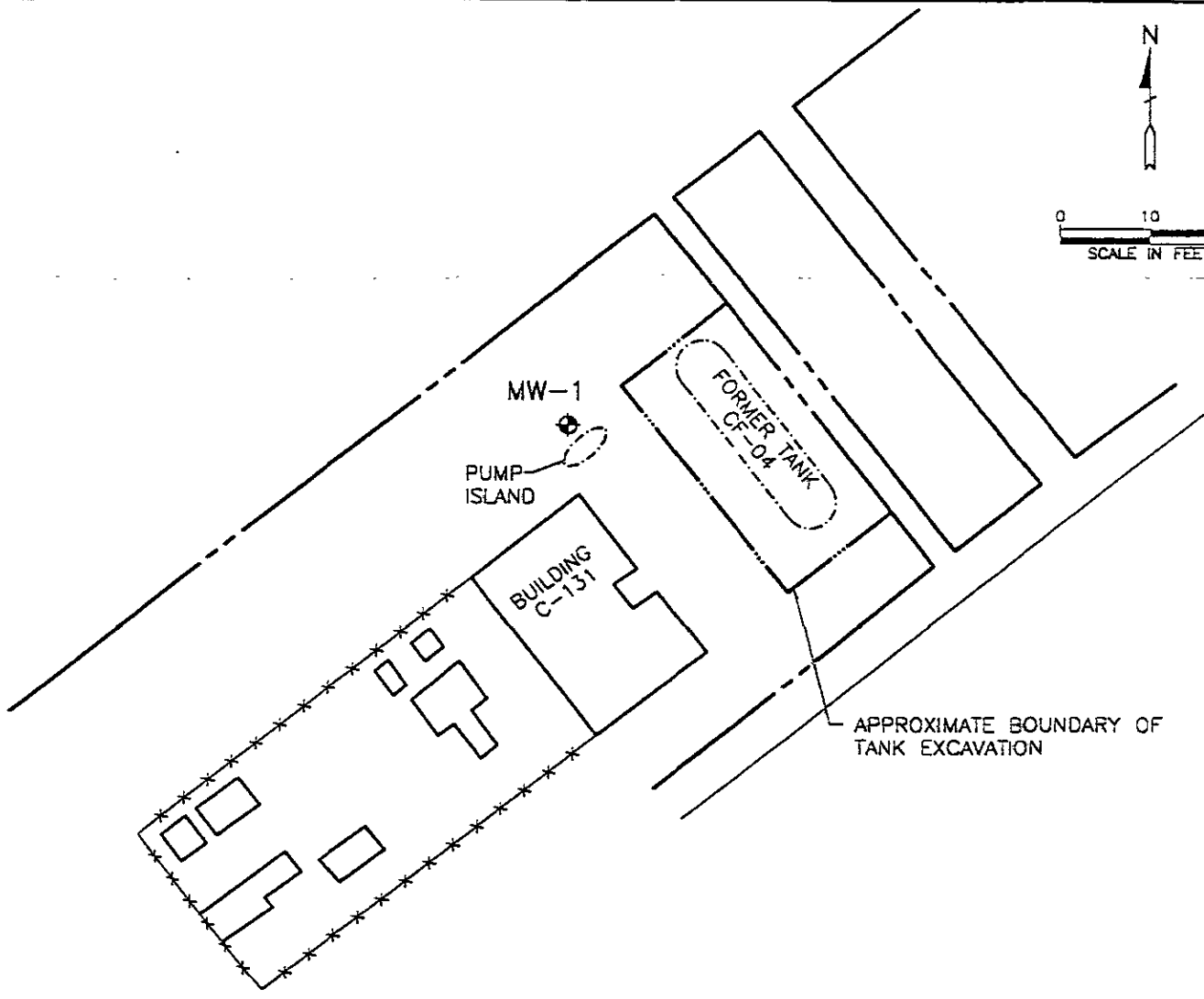
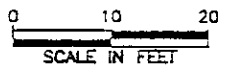
Enclosures

cc: Mr. John Prall, Port of Oakland, Oakland, California (w/enclosures)
Mr. Jim Gibboney, DWR, Central District, Sacramento, California (w/enclosures)

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED



LEGEND

 GROUNDWATER MONITORING WELL

PORT OF OAKLAND
BERTH 25
707 FERRY STREET
OAKLAND, CALIFORNIA
PROJECT NO. 10-255



ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

10-255A - 04C 10-1-1-04 1-20

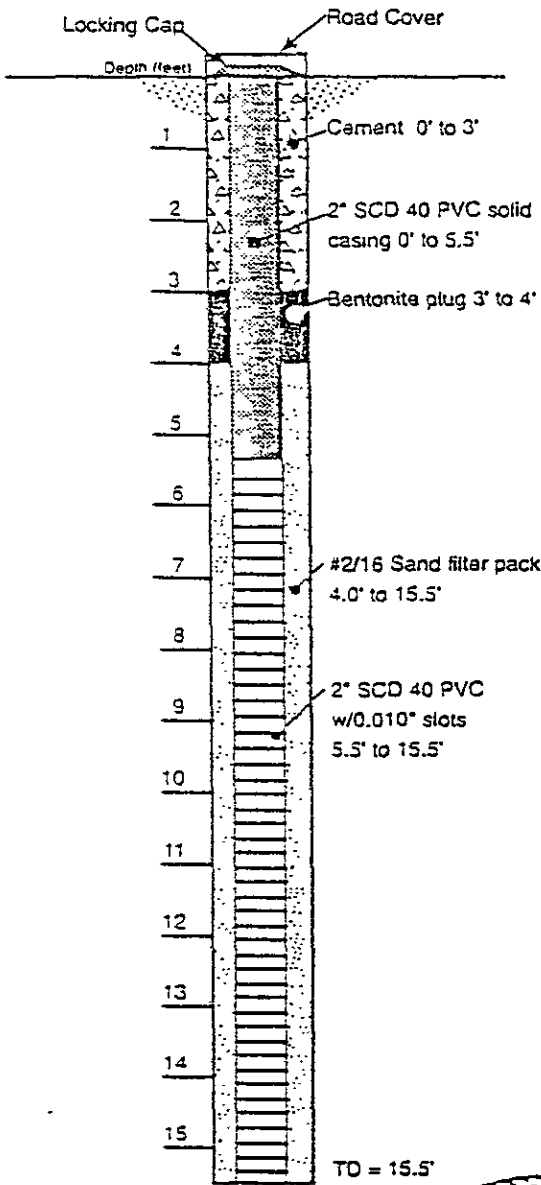
Port of Oakland - 707 Ferry Street

Bore Hole MW-1

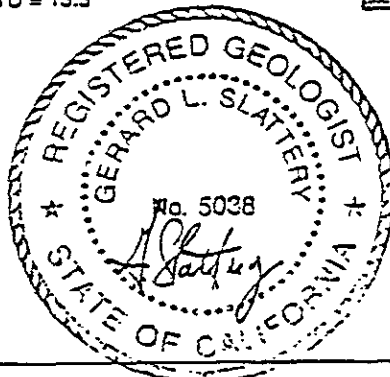
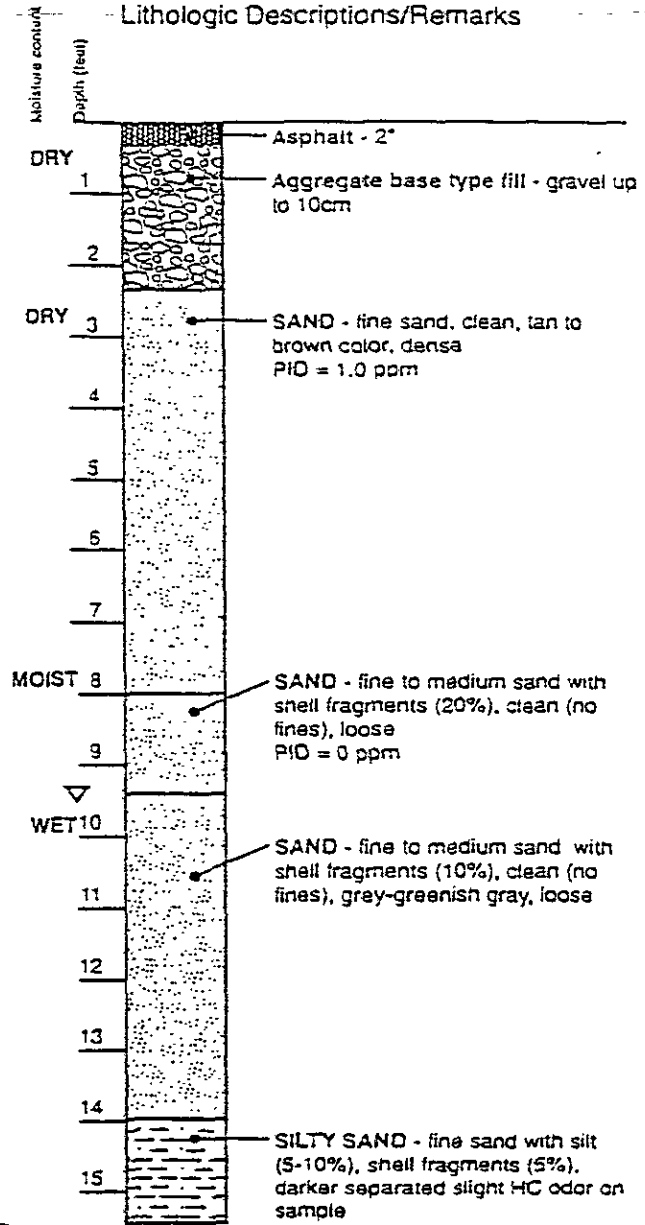
Location: Northwest of Pump Island

Date 5.18/94
 Drilling Method HS Auger/hand auger
 Sampling Method 18" Split spoon
 Surface Elevation 14.65
 Recorded By JC Borrego
 Registered Geologist _____

Well As-Built



Lithologic Descriptions/Remarks



95-105 ANY 1 9-18-94 DY