

BASELINE

ENVIRONMENTAL CONSULTING

30 June 1997
S9121-B0

PORT OF OAKLAND
ENVIRONMENTAL DIVISION

JUL 08 1997
RECEIVED
ENVIRONMENTAL DIVISION

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

Subject: Monitoring Well Destruction, CAN Transport Site, 196 Burma Road, Oakland, California

Dear John:

At your request, BASELINE has completed the destruction of one monitoring well (MW-CT1) located at the CAN Transport Site (Site), located at 196 Burma Road, Oakland, California. A summary of our activities is described below.

Monitoring Well Location

On 17 June 1997, BASELINE conducted field activities to determine the well location. As previously indicated, the monitoring well might have been buried since it could not be located during a recent field inspection. A subsurface survey was initially performed using a metal detector; however, this method proved unsuccessful due to the abundance of scrap metal present on the ground surface. As an alternate method, the top one foot of surface soil removed at the anticipated well location using a loader. The loader was operated by a Caltrans contractor working at the Site. The well was encountered at approximately one foot below ground surface. The Christy box and about three feet of the PVC casing had been accidentally pulled while locating the well. The well location area was then flagged with caution tape to prevent a potential trip hazard to workers and/or the public.

Monitoring Well Destruction

Prior to commencing field activities, utility clearance was obtained for the Site through Underground Service Alert. A well permit application was obtained from the Alameda County Flood Control and Water Conservation District Zone 7 (Zone 7); a copy of the permit is attached for your records. Ms. Susan Hugo of the Alameda County Health Care Services Agency, Environmental Health Services was contacted on 19 June 1997 by BASELINE in compliance with County notification requirements.

BASELINE

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On 25 June 1997, the well was destroyed by Gregg Drilling of Martinez, under the direction of a BASELINE geologist; all work was conducted by 40-hour trained personnel under a site-specific health and safety plan prepared by BASELINE. The well was destructed by removing the well PVC casing and filterpack by overdrilling to 16 feet bgs, two feet below the well bottom. The boring was then filled with neat cement to within one foot of the surface. The top one foot was filled with existing surface soils available at the site.

Well destruction materials, generated from abandonment activities, were placed in one sealed and labeled drum; the drum is currently stored at the Site and will be picked-up and transported by a Port-selected contractor for off-site disposal.

A Department of Water Resources (DWR) Well Completion Report was prepared and submitted to Zone 7, Water Agency and the DWR. A copy of the Well Completion Report is attached for your records. Should you have any questions, or need further information, please do not hesitate to contact us at your convenience.

Sincerely,



Yane Nordhav
Principal
Reg. Geologist No. 4009



Rhodora Del Rosario
Civil Engineer

YN:RPD:ss
Enclosure



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 196 Burma Road, Oakland

PERMIT NUMBER 97386

LOCATION NUMBER 1S/4W 21N80

CLIENT

Name Port of Oakland

Address 530 Water St. 5th Floor Voice (510) 272-1373

City Oakland Zip 94607

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT

Name BASELINE Environmental Consulting

Fax 510 420-1707

Address 5400 Hollis Street "D" Voice 510 420-8686

City Emeryville CA Zip 94608

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.

TYPE OF PROJECT

Well Construction

Geotechnical Investigation

Cathodic Protection

General

Water Supply

Contamination

Monitoring

Well Destruction

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.

PROPOSED WATER SUPPLY WELL USE

Domestic

Industrial

Other Monitoring

Municipal

Irrigation

DRILLING METHOD:

Mud Rotary

Air Rotary

Auger

Cable

Other

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.

DRILLER'S LICENSE NO. 485165

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

WELL PROJECTS

Drill Hole Diameter 8 in.

Maximum

Casing Diameter 2 in.

Depth 14 ft.

Surface Seal Depth 2 ft.

Number 1

E. WELL DESTRUCTION. See attached.

GEOTECHNICAL PROJECTS

Number of Borings

Maximum

Hole Diameter in.

Depth ft.

ESTIMATED STARTING DATE 6/25/97

ESTIMATED COMPLETION DATE 6/25/97

Approved Wyman Hong Date 23 Jun 97
Wyman Hong

June 23, 1997

ZONE 7
WATER RESOURCES ENGINEERING
DRILLING ORDINANCE

PORT OF OAKLAND
196 BURMA ROAD
OAKLAND
WELL 1S/4W 21N80
PERMIT 97386

Destruction Requirements:

1. Drill out the well so that the casing, seal, and gravel pack are removed to the bottom of the well.
2. Sound the well as deeply as practicable and record for your report.
3. Using a tremie pipe, fill the hole to 2 feet below the lower of finished grade or original ground with neat cement.
4. After the seal has set, backfill the remaining hole with compacted material.

These destruction requirements as proposed by Rhodora Del Rosario of Baseline Environmental Consulting meet or exceed the Zone 7 minimum requirements.

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED