



PORT OF OAKLAND

1049

January 21, 1997

ENVIRONMENTAL
PROTECTION
DIVISION
JAN 23 PM 3:50

Mr. Barney Chan
Alameda County Health Care Services Agency
Environmental Protection Division
1150 Harbor Bay Parkway, #250
Alameda, CA 94502-6577

SUBJECT: DESTRUCTION OF WELLS 2S/3W 32G80 TO 32G82 (PERMIT NO. 96843) NEAR FORMER TANKS MF-23 AND MF-24 (UNITED AIRLINES TAXIWAY SITE), METROPOLITAN OAKLAND INTERNATIONAL AIRPORT, 1100 AIRPORT DRIVE, OAKLAND, CALIFORNIA (StID #1049)

Dear Mr. Chan:

As requested in your letter dated October 24, 1996, the Port of Oakland (Port) is providing the enclosed documentation for the destruction of the subject wells near former Tanks MF-23 and MF-24 (United Airlines Taxiway Site), Metropolitan Oakland International Airport, 1100 Airport Drive, Oakland, California.

We understand the above address includes the site of former underground tanks MF-25 and MF-26 that is currently undergoing subsurface investigation. As a result, site closure and the Remedial Action Completion Certificate (RACC) will be withheld until the tank investigation for these tanks is complete.

If you have any questions or need additional information, please call me at 272-1118. Thank you for your on-going assistance and support on this project.

Sincerely,

Jeffrey L. Rubin, REA, CPSS
Associate Environmental Scientist
Environmental Health & Safety Compliance

Enclosure

cc:
Neil Werner - EH & SC (w/o encl)
Mark O'Brien - EH & SC (w/o encl)
Jeff Hess - ITSI (w/o encl)

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January 17, 1997

Wyman Hong
Zone 7 Water Agency
Alameda County Flood Control and Water Conservation District
5997 Parkside Drive
Pleasanton, California 94588

Transmittal

Destruction of Wells 2S/3W 32G80 to 32G82 (Permit No. 96843)
Tanks MF23 and MF24 (United Airlines Hangar Area - Taxiway Site)
Metropolitan Oakland International Airport (MOIA)
1100 Airport Drive
Oakland, California

Dear Mr. Hong:

Attached please find original State of California Well Completion Reports for three monitoring wells (designated 2S/3W 32G80 to 32G82 in Permit No. 96843) destroyed on behalf of the Port of Oakland on January 14, 1997 at the Metropolitan Oakland International Airport (MOIA). The wells were located northwest of the United Airlines (UA) Maintenance Hangar between the UA plane washing area and the taxiway. I have also included a copy of the Zone 7 well destruction permit for your reference.

The three 2-inch wells (MW-1, MW-2 and MW-3) were destroyed in-place using neat cement pressure grouted (pumped) through a tremie hose from the maximum well depth reported for each well (8.5 to 14.0 feet below ground surface) to 2 feet below ground surface (bgs). Subsequent to grouting, the wells were overdrilled to a depth of 2 feet bgs and capped with a quick setting concrete from 2 feet bgs to the ground surface. MW-3 was capped with approximately 4 inches of asphalt patch to match the surrounding asphalt surfaced taxiway shoulder.

Please give me a call if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Schollard".

Jim Schollard
Environmental Scientist

Attachment

cc: Jeff Rubin



ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94586

VOICE (510) 464-2600

FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT Port of Oakland - Oakland Internat. Airport, Taxiway Site (NW of United Airlines Hangar) 1100 Airport Dr., Oakland

PERMIT NUMBER 96843

LOCATION NUMBER .2S/3W 32GB0 to 32GB2

CLIENT

Name Port of Oakland (Contact: Jeff Rubin)
 Address 570 Water St. Voice 510/272-4117
 City Oakland, CA Zip 94604

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT

Name ITSI
 Contact: Jim Schaffard Fax 510/256-8798
 Address 2855 Mitchell Dr. Voice 510/256-8898
 City Ste. 119, Walnut Ck, CA Zip 94598

TYPE OF PROJECT

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

PROPOSED WATER SUPPLY WELL USE

Domestic _____ Industrial _____ Other Water Quality Monitoring
 Municipal _____ Irrigation _____

DRILLING METHOD:

Mud Rotary _____ Air Rotary _____ Auger (702')
 Cable _____ Other _____ (70mm grout well casing in place)

DRILLER'S LICENSE NO. C-57 # 582696

WELL PROJECTS

Existing Specs:
 Drill Hole Diameter 7-8 in. (est.) Maximum 140
 Casing Diameter 2 in. Depth 105 ft.
 Surface Seal Depth ~2 ft. (est.) Number 3

GEOTECHNICAL PROJECTS

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

ESTIMATED STARTING DATE Dec. 6, 1996
 ESTIMATED COMPLETION DATE Dec. 6, 1996

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-89.

APPLICANT'S SIGNATURE Jim Schaffard ITSI Date 11/20/96

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 holes with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremie 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.

Approved

Wyman Hong
 Wyman Hong

Date 3 Dec 96

3 December 1996

ZONE 7
WATER RESOURCES ENGINEERING
GROUNDWATER PROTECTION AGENCY

PORT OF OAKLAND
1100 AIRPORT DRIVE
OAKLAND
WELLS 2S/3W 32G80 TO 32G82
PERMIT 96843

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 Jim Schollard of Innovative Technical Solutions meet or exceed 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

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED