



Hetch Hetchy Regional Water System

Services of the San Francisco Public Utilities Commission

1145 Market Street, 4th Floor
San Francisco, CA 94103
T 415.554.3265
F 415.934.5770

Natural Resources and Lands Management Division

February 9, 2012

Jerry Wickham
Senior Hazardous Materials Specialist
Alameda County Health Care Services Agency
Environmental Health Department
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RECEIVED
3:55 pm, Feb 15, 2012
Alameda County
Environmental Health

Re: **Perjury Statement**

Notice to Comply for Fuel Leak Case No RO0000340 and GeoTracker Global ID T0600101172, SFWD Sunol Yard, 505 Paloma Way, Sunol, CA 94586: Well Destruction Report

Dear Mr. Wickham:

Attached to this letter is the Well Destruction Report ("Report"), as requested in your letter dated November 1, 2011. As detailed in the Report, three groundwater monitoring wells were decommissioned as the final action required for the remediation at the SFPUC Sunol Yard at 505 Paloma Way in Sunol, CA. (Fuel Leak Case No RO0000340 and GeoTracker Global ID T0600101172)

I declare under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Should you have any further questions regarding the Report or regarding the case, please contact Casey Sondgeroth at 415-554-1566.

Sincerely,

Tim Ramirez
Division Manager

Edwin M. Lee
Mayor

Anson Moran
President

Art Torres
Vice President

Ann Moller Caen
Commissioner

Francesca Vietor
Commissioner

Vince Courtney
Commissioner

Ed Harrington
General Manager



Kennedy/Jenks Consultants

Engineers & Scientists

303 Second Street, Suite 300 South
San Francisco, California 94107
415-243-2150
FAX: 415-896-0999

6 February 2012

Mr. Jerry Wickham
Senior Hazardous Materials Specialist
Alameda County Health Care Services Agency –
Environmental Health Department
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Well Destruction Report – SFPUC Sunol Yard, 505 Paloma Way, Sunol, California
K/J 1165008*00

Dear Mr. Wickham:

Kennedy/Jenks Consultants (Kennedy/Jenks) is submitting this Well Destruction Report (Report) to Alameda County Environmental Health Department (ACEH) on behalf of the San Francisco Public Utilities Commission (SFPUC), regarding the SFPUC maintenance facility at 505 Paloma Way, Sunol (the Site).

Background

On 17 May 2011, SFPUC submitted the *Site Summary Report*, prepared by Kennedy/Jenks on behalf of SFPUC, in response to the *Notice to Comply for Fuel Leak Case No. RO0000340 and GeoTracker Global ID T0600101172, SFWD Sunol Yard, 505 Paloma Way, Sunol, California*, dated 4 November 2010 (NTC). The *Site Summary Report* presented information on the Sunol Filter Galleries (Galleries), a detailed well survey of the Sunol Yard and its immediate area, and information regarding the chemical concentrations in soil samples collected beneath the storage shed at the Sunol Yard. The *Site Summary Report* concluded that the residual chemicals associated with historical releases from the Site do not pose a risk to human health or the environment, and that case closure is appropriate.

In response to the *Site Summary Report*, the ACEH issued the *Request for Well Decommissioning for Fuel Leak Case No. RO0000340 and GeoTracker Global ID T0600101172, SFWD Sunol Yard, 505 Paloma Way, Sunol, California, 94586*. This letter indicated that no further action was required at the Site, and requested closure of the three monitoring wells prior to issuance of a remedial action completion certification and case closure. The letter from ACEH is included as Attachment 1.

The Site location is shown on Figure 1, and the Site vicinity and the three monitoring wells are shown on Figure 2.

Mr. Jerry Wickham
Alameda Health Care Services Agency
6 February 2012
Page 2

This Report documents closure of the three monitoring wells.

Well Destruction Process

The well destruction process is summarized below:

- A well destruction permit was obtained from Zone 7 Water Agency (Zone 7; Attachment 2). Zone 7 granted permission to pressure grout the wells (i.e., cement the wells in-place) instead of drilling out the casings.
- Kennedy/Jenks subcontracted with Cascade Drilling, L.P. (C57 license 938110) (Cascade) to conduct the work.
- The three monitoring wells were destroyed on 23 January 2012 under the observation of Kennedy/Jenks and the Zone 7 inspector. Activities for each well are described below.
- MW-1
 - The depth to water was measured at 21.27 feet below top of casing (TOC). The bottom was sounded at 28.6 feet below TOC, indicating a minor amount of sediment was present at the bottom of the well.
 - Cascade lowered PVC tremie pipe to the bottom of the well and mixed enough neat cement grout to fill the well casing. Under the inspector's observation, Cascade pumped cement grout into the tremie pipe until the casing was filled.
 - Pumping the grout mobilized the sediment at the bottom of the well, allowing the tremie pipe to descend to the bottom of the well casing. However, Cascade did not lift or move the tremie pipe during pumping which allowed the cement to "lock" the tremie pipe inside the well casing. Cascade cut off the cement-filled tremie pipe even with the TOC and left the tremie in the well.
 - Cascade attached a fitting composed of PVC pipe with a pressure gauge and an air line. Cascade attached the air line to a compressor and pressurized the system to 30 pounds per square inch (psi) for five minutes.
 - After grouting all the wells, Cascade removed the monument lid and the metal supporting ring and filled the former monument with concrete to grade.
- MW-2
 - The depth to water was measured at 21.57 feet below TOC. The bottom was sounded at 29.1 feet below TOC, indicating a minor amount of sediment was present at the bottom of the well.

Mr. Jerry Wickham
Alameda Health Care Services Agency
6 February 2012
Page 3

- With the Zone 7 inspector's approval, Cascade lowered PVC tremie pipe to a depth of 20 feet below TOC and Cascade pumped cement grout into the tremie pipe until the well casing was filled with cement.
- Cascade attached the PVC fitting to the casing but found that the pressure gauge was broken. Cascade pressurized the system, using the pressure gauge on the air compressor tank as a guide. This gauge indicated approximately 50 psi pressure, which held for less than five minutes before electrical problems (possibly due to the continuous rainfall) stopped the compressor. Cascade attached the air line to the drill rig brake system air tank and pressurized the system for less than five minutes. No gauge was attached to the air system so the pressure was unknown.
- After grouting all the wells, Cascade removed the monument lid and the metal supporting ring and filled the former monument with concrete to grade.
- MW-3
 - The depth to water was measured at 20.92 feet below TOC. The bottom was sounded at 28.6 feet below TOC, indicating a minor amount of sediment was present at the bottom of the well.
 - With the Zone 7 inspector's approval, Cascade lowered PVC tremie pipe to a depth of 20 feet below TOC and Cascade pumped cement grout into the tremie pipe until the casing was filled.
 - Cascade attached the pressure fitting to the well casing and briefly pressurized the system using the air brakes on the drill rig.
 - The cemented well could only be pressurized briefly. The Zone 7 inspector accepted topping off the grout and sealing the top with concrete.
 - Cascade removed the monument lid and the metal supporting ring and filled the former monument with concrete to grade.

Kennedy/Jenks completed DWR-188 forms documenting the well destruction, Cascade signed them, and copies were sent to the California Department of Water Resources (DWR) and Zone 7.

Conclusions and Recommendation

The three monitoring wells at the SFPUC Yard at 505 Paloma Way, Sunol, have been decommissioned.

This Report fulfills the ACEH requirement for documenting the well decommissioning process. Forms recording the well decommissioning have been filed with the DWR and Zone 7.

Mr. Jerry Wickham
Alameda Health Care Services Agency
6 February 2012
Page 4

A remedial action completion certification and case closure letter should be issued by ACEH for the Site.

If you have any questions regarding this Report, please contact me at (415) 243-2508 or Mr. Casey Sondgeroth of SFPUC at (415) 554-1566.

Very truly yours,

KENNEDY/JENKS CONSULTANTS



Michael L. McLeod, PG
Geologist

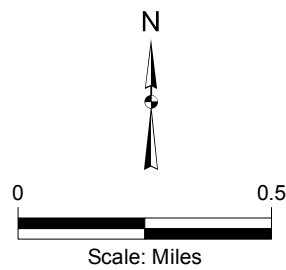
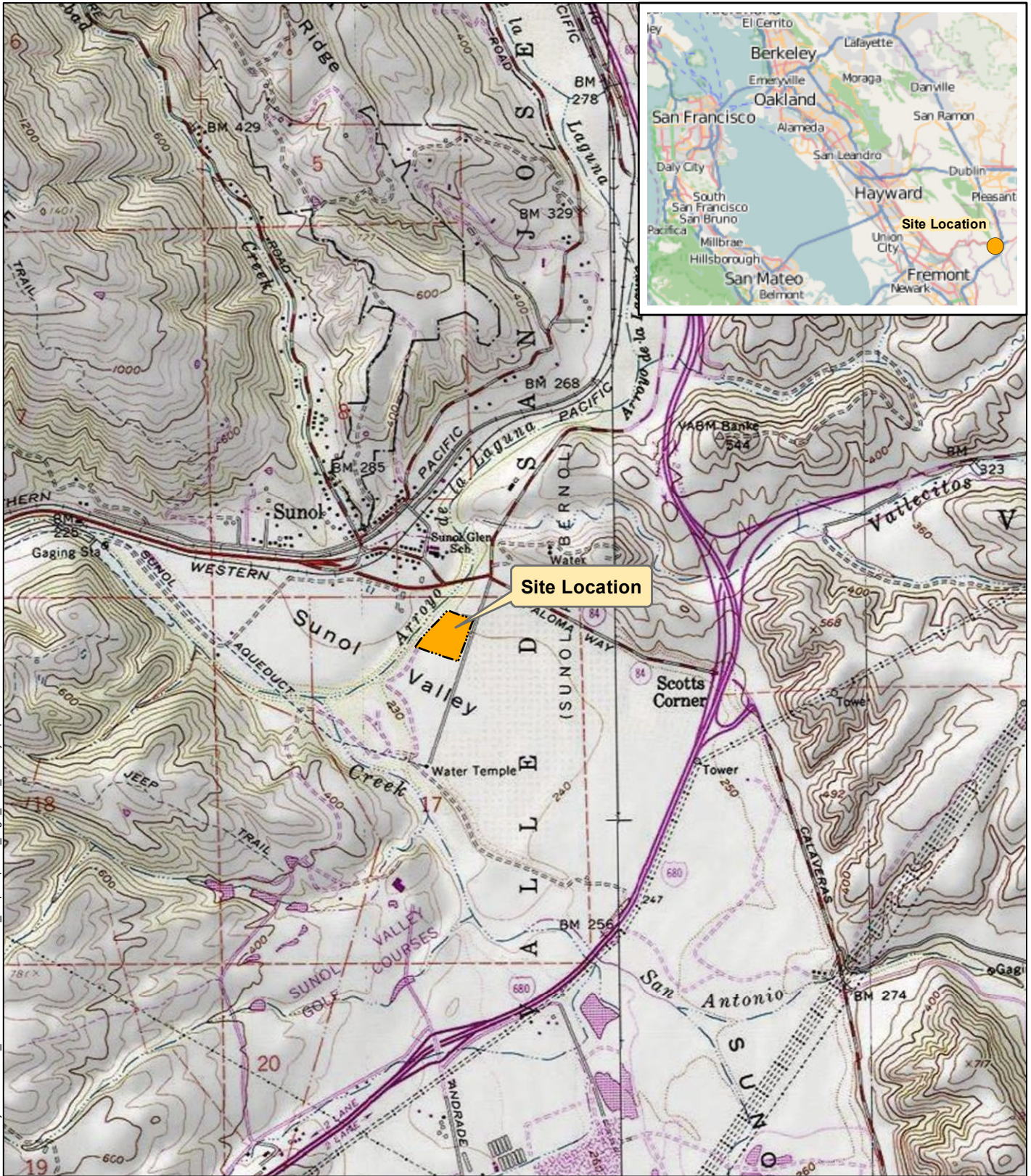
Enclosures:

- Figure 1
- Figure 2
- Attachment 1
- Attachment 2
- Attachment 3

cc: Casey Sondgeroth, San Francisco Public Utilities Commission
Lori Schetel, San Francisco Public Utilities Commission

Figures

Path: Z:\Projects\ISFPUC_Sunol\Events\20110506_MapRequests_Fig1_501_VicinityMap.v2.mxd



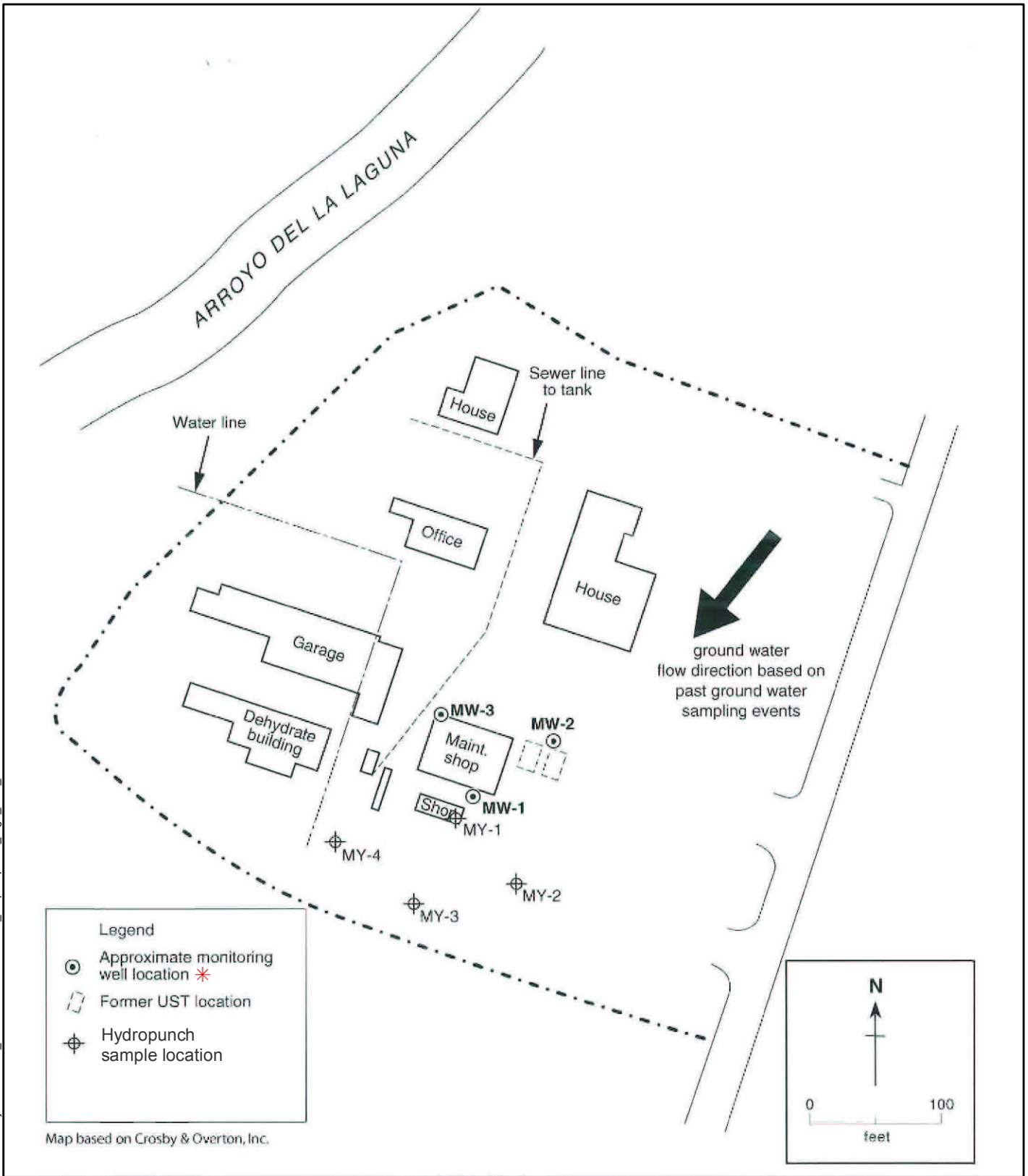
Kennedy/Jenks Consultants
San Francisco Public Utilities Commission
Sunol Yard

Vicinity Map

K/J 1165008.00
February 2012

Figure 1

Path: Z:\Projects\SFPUC_SunolEvents\20110506_MapRequests_Fig1_502_SitePlan.mxd



Source: Site Investigation Report, Weiss Associates, 7 January 2003.

* Destroyed 23 January 2012

Kennedy/Jenks Consultants
 San Francisco Public Utilities Commission
 Sunol Yard

Site Map

K/J 1165008.00
 February 2012

Figure 2

Attachment 1



ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

November 1, 2011

Mr. Casey Sondgeroth
San Francisco Public Utilities Commission
1145 Market Street, 4th Floor
San Francisco, CA 94103
(Sent via E-mail to: CSondgeroth@sfwater.org)

Subject: Request for Well Decommissioning for Fuel Leak Case No. RO0000340 and GeoTracker Global ID T0600101172, SFWD Sunol Yard, 505 Paloma Way, Sunol, CA 94586

Dear Mr. Sondgeroth:

Alameda County Environmental Health (ACEH) have reviewed the fuel leak case file and case closure summary for the above-referenced site and concur that no further action related to the underground storage tank fuel release is required at this time. Prior to issuance of a remedial action completion certificate and case closure, we request that the monitoring wells at the site be properly decommissioned, should the monitoring wells have no further use at the site. We note that three monitoring wells were installed in August 1991 in the area of the release in the Sunol Yard. Please decommission the monitoring wells and provide documentation of the well decommissioning to this office no later than March 30, 2012. A remedial action completion certificate will be issued following receipt of the documentation.

Well destruction permits may be obtained from the Zone 7 Water Agency (<http://www.zone7water.com>). If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **March 30, 2012** – Well Decommissioning Report

Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Mr. Casey Sondgeroth, SFPUC
November 1, 2011, Page 2

Attachment: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey (QIC 8021), Zone 7 Water Agency, 100 North Canyons Pkwy, Livermore, CA 94551 (Sent via E-mail to: cwiney@zone7water.com)

Joe Naras, San Francisco Public Utilities Commission, Natural Resources Division, 1657 Rollins Road, Burlingame, CA 94010

Craig Freeman, San Francisco Public Utilities Commission, Environmental and Regulatory Compliance Division, 1145 Market Street, Suite 500, San Francisco, CA 94103 (Sent via E-mail to: CFreeman@sfwater.org)

Donna Drogos, ACEH (Sent via E-mail to: donna.drogos@acgov.org)
Jerry Wickham, ACEH (Sent via E-mail to: jerry.wickham@acgov.org)

GeoTracker, eFile

Attachment 1

Responsible Party(ies) Legal Requirements / Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and [other](#) data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	REVISION DATE: July 20, 2010
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.**
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Submission Instructions

- 1) Obtain User Name and Password
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to deh.loptoxic@acgov.org
 - b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses,** and the **Case Numbers (RO# available in Geotracker) you will be posting for.**
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
 - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to deh.loptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload.** (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
 - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

Attachment 2



ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 245-9306
E-MAIL whong@zone7water.com

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 505 Paloma Way, Sunol

PERMIT NUMBER 2012002
WELL NUMBER 4S/1E-17B2 to 17B4 (MW-1 to MW-3)
APN 096-0375-012-02

Coordinates Source Google Earth ft. Accuracy _____ ft.
LAT: 37.590525 ft. LONG: -121.884159 ft.
APN 93-375-12-2

PERMIT CONDITIONS
(Circled Permit Requirements Apply)

CLIENT Name San Francisco Public Utilities Commission
Address 1155 Market St Phone _____
City San Francisco CA Zip 94103

- A. GENERAL**
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to your 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 (DWR Form 188), signed by the driller.
 3. Permit is void if project not begun within 90 days of approval date.
 4. Notify Zone 7 at least 24 hours before the start of work.

APPLICANT Name Kennedy/Jenks Consultants
Email MIKE.MICLEOD@KennedyJenks.com
Address 303 Second St, Ste 300 S Phone 415-243-2150
City San Francisco Zip 94107

- B. WATER SUPPLY WELLS**
1. Minimum surface seal diameter is four inches greater than the well casing diameter.
 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.
 3. Grout placed by tremie.
 4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
 5. A sample port is required on the discharge pipe near the wellhead.

TYPE OF PROJECT:
Well Construction Geotechnical Investigation
Well Destruction Contamination Investigation
Cathodic Protection Other

- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS**
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
 2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
 3. Grout placed by tremie.

PROPOSED WELL USE:
Domestic Irrigation
Municipal Remediation
Industrial Groundwater Monitoring
Dewatering Other

- D. 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.

DRILLING METHOD:
Mud Rotary Air Rotary Hollow Stem Auger
Cable Tool Direct Push Other Pressure Grout

- E. CATHODIC.** Fill hole above anode zone with concrete placed by tremie.

DRILLING COMPANY Cascade
DRILLER'S LICENSE NO. 938110

- F. WELL DESTRUCTION.** See attached.

WELL SPECIFICATIONS:
Drill Hole Diameter 10" in. Maximum _____
Casing Diameter 4" in. Depth 30 ft.
Surface Seal Depth 11 ft. Number 3

- G. SPECIAL CONDITIONS.** Submit to Zone 7 within 60 days after completion of permitted work the well installation report including all soil and water laboratory analysis results.

SOIL BORINGS:
Number of Borings 0 Maximum _____
Hole Diameter 0 in. Depth 0 ft.

ESTIMATED STARTING DATE 1/23/12
ESTIMATED COMPLETION DATE 1/23/12

Approved Wyman Hong Date 1/10/12
Wyman Hong

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

APPLICANT'S SIGNATURE Michael M. ... Date 1/6/12

ATTACH SITE PLAN OR SKETCH

January 10, 2012

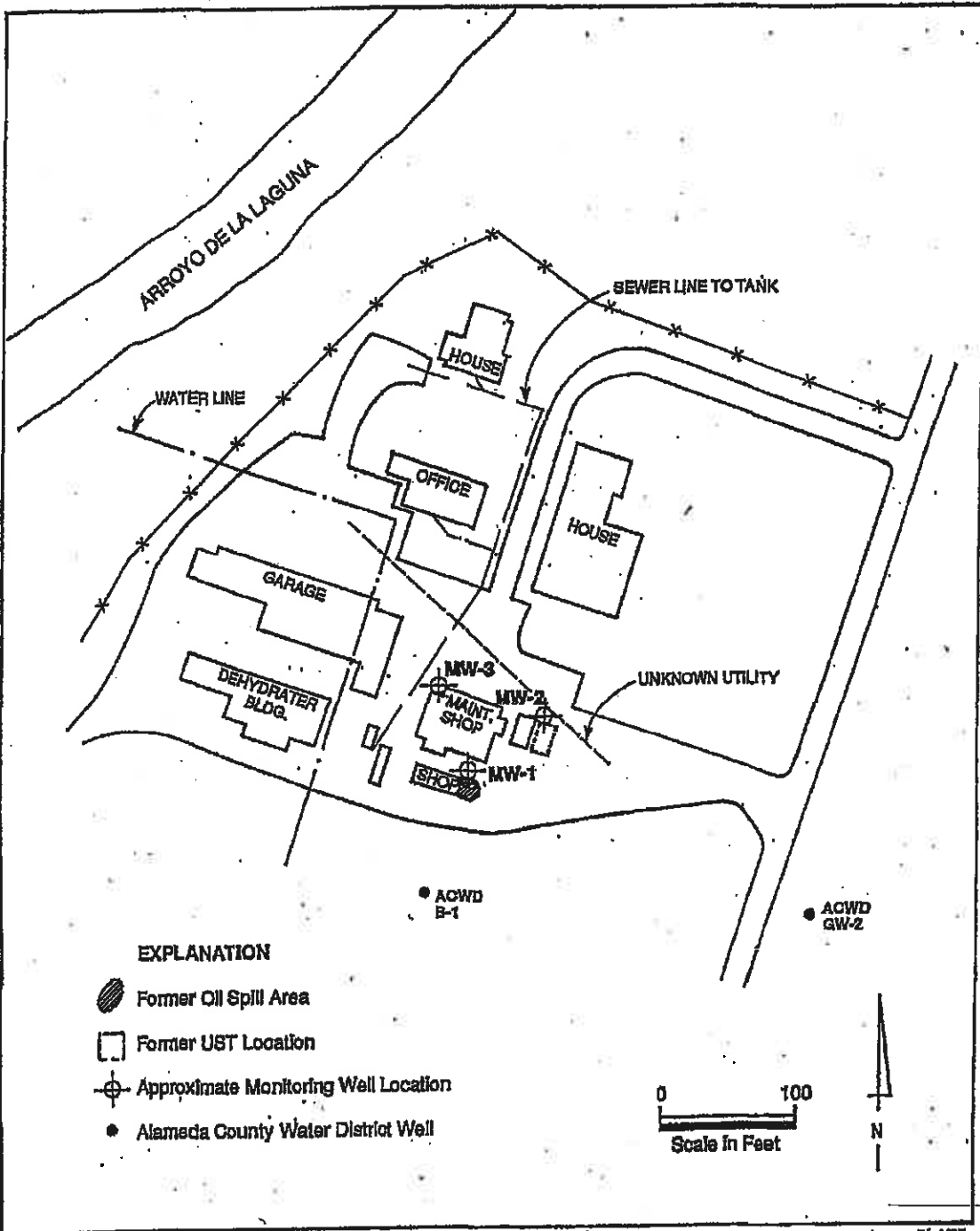
**Zone 7
Water Resources Engineering
Groundwater Protection Ordinance**

**San Francisco Public Utilities Commission
505 Paloma Way
Sunol
Wells 4S/1E-17B2 to 4S/1E-17B4 (MW-1 to MW-3)
Permit 2012002**





Destruction Requirements:

1. Remove from the well any pump, appurtenances, debris, or other materials.
2. Sound the well as deeply as practicable and record for your report.
3. Fill casing with neat cement or cement grout sealing material to two feet below the finished grade and pressurize to 25 psi and maintain for 5 minutes, forcing the sealing material through the existing perforations and into the surrounding formation.
4. Release the pressure and refill the empty portion of the casing with grouting material allowing it to spill over the top of the casing to form a cap.
5. Cut and remove any casing(s) to two feet below the finished grade or original ground, whichever is the lower elevation (optional).
6. After seal has set, backfill the remaining hole with compacted material.

01-501N-R



EXPLANATION

-  Former Oil Spill Area
-  Former UST Location
-  Approximate Monitoring Well Location
-  Alameda County Water District Well

0 100
Scale in Feet



Harding Lawson Associates
Engineering and
Environmental Services

Site Plan
SFWD 505 Paloma Way
Sunol, California

PLATE

3

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
AM	3457,008.04		10/90	



ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

November 1, 2011

Mr. Casey Sondgeroth
San Francisco Public Utilities Commission
1145 Market Street, 4th Floor
San Francisco, CA 94103
(Sent via E-mail to: CSondgeroth@sfgwater.org)

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TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **March 30, 2012** – Well Decommissioning Report

Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

A handwritten signature in blue ink that reads "Jerry Wickham".

Digitally signed by Jerry Wickham
DN: cn=Jerry Wickham, o=Alameda County Environmental Health, ou, email=jerry.wickham@acgov.org, c=US
Date: 2011.11.01 17:23:34 -07'00'

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Attachment 3

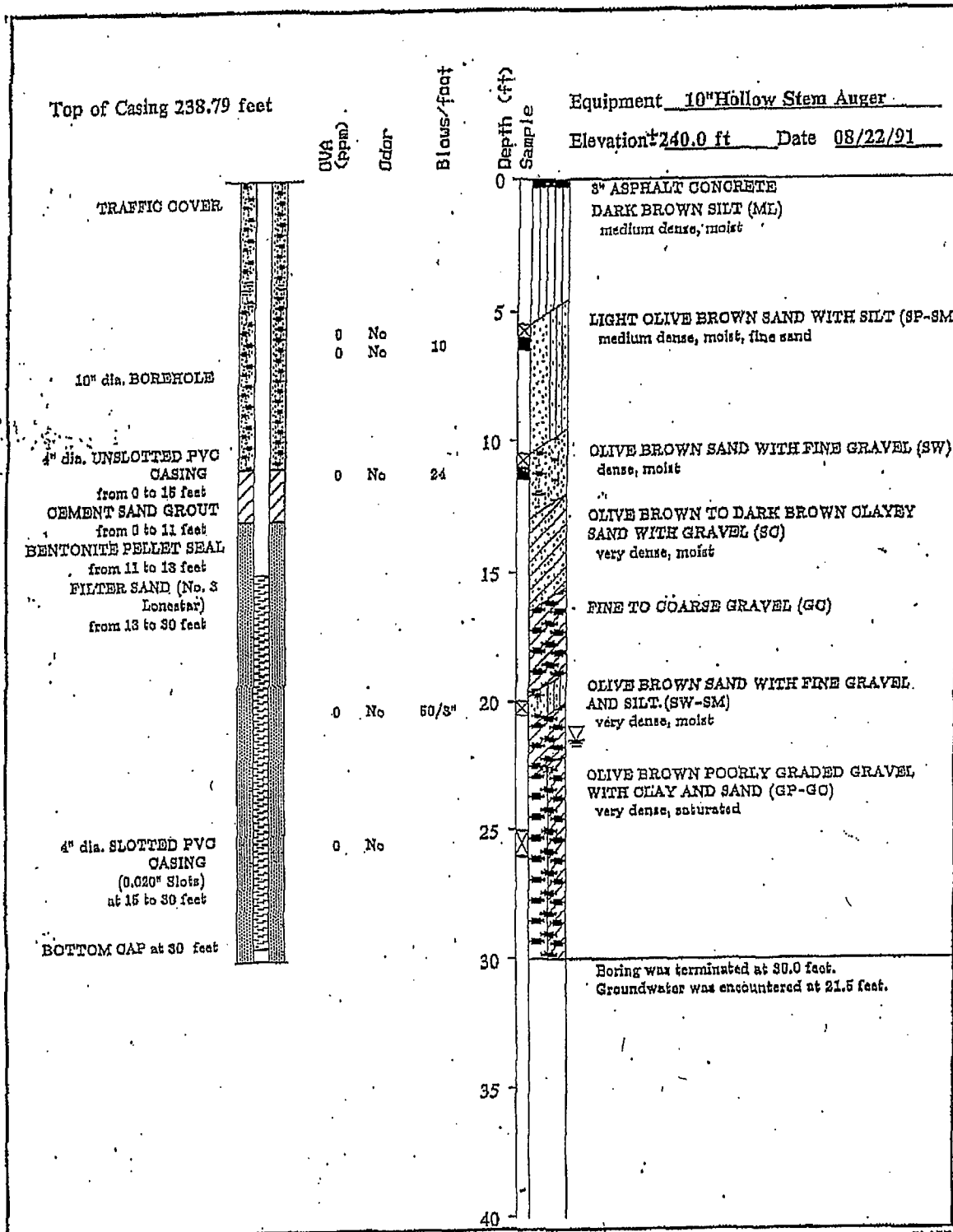
CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

01-501N

AS/E 17B2



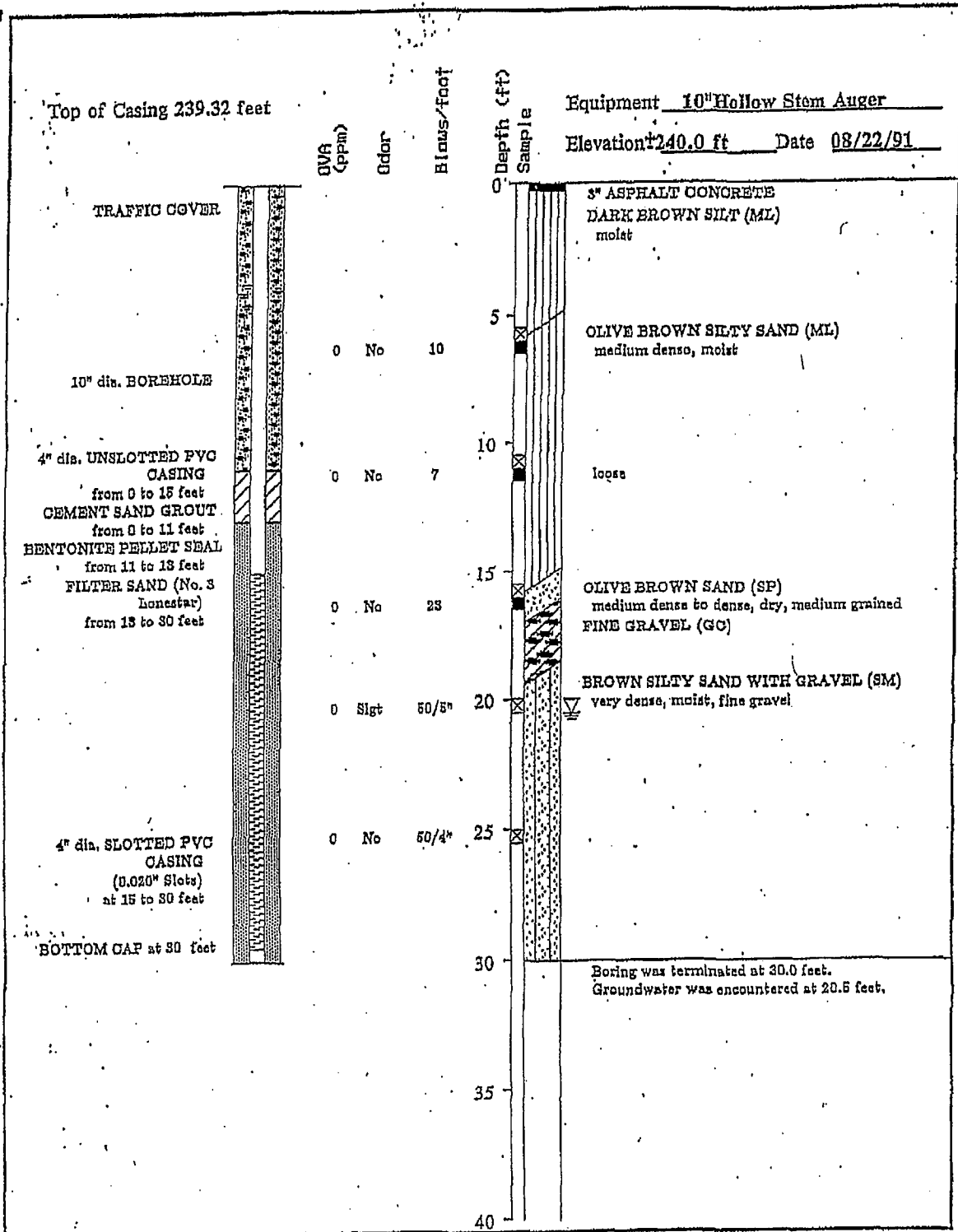
CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

045018

4S/1E 17B3



Hardin Lawson Associates
 Engineering and
 Environmental Services

Log of Boring B-2/MW-2
 SFWD 505 Paloma Way
 Sunol, California

(Sheet 1 of 1) PLATE
 963 6

DRAWN	JOB NUMBER	APPROVED	FILE	DATE	REVISED DATE
239.32	3457,008.04		12211G19		

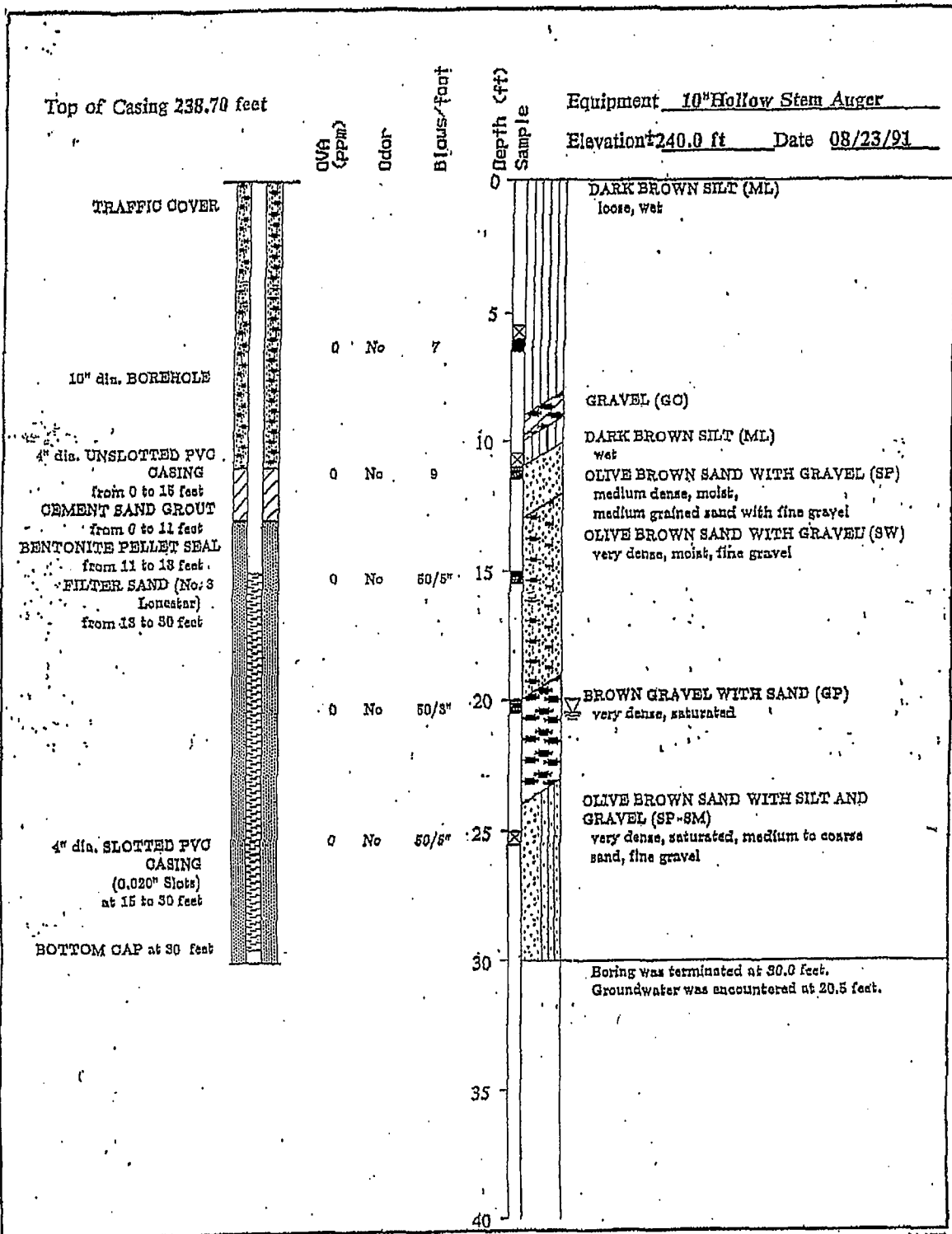
CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

01-501P

AS/IE-17B4



Harding Lawson Associates
Engineering and
Environmental Services

Log of Boring B-3/MW-3
SFWD 505 Paloma Way
San Jose, California

(Sheet 1 of 1) PLATE

963 7

DRAWN 238.70	JOB NUMBER 3457,008.04	APPROVED	FILE 1221IG19	DATE	REVISED DATE
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