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By Alameda County Environmental Health 9:42 am, Dec 14, 2015

Project No.
7828.000.001

December 11, 2015

Mr. Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Subject: Jordan Ranch Parcel H – Former Leaking Underground Storage Tank
Dublin, California
ACEH Case No. R00002918

MONITORING WELL ABANDONMENT LETTER

Dear Mr. Wickham:

We prepared this letter to document the abandonment of the eight groundwater monitoring wells and six soil gas wells located at the Jordan Ranch Parcel H (site).

The abandonment was performed by a C-57 driller on December 10, 2015. The abandonment was completed by removing the well boxes and grouting the borings in accordance with the approved permit from Zone 7 Water Agency. The well specifications are provided below.

Well ID	Total Depth (feet)	Screen Zone (feet)	Casing Diameter (inches)
MW-1	30	15 - 30	2
MW-2	30	15 - 30	2
MW-4	30	15 - 30	2
MW-5	30	15 - 30	2
MW-6A	29	9-29	2
MW-6B	30	20-30	2
MW-7A	29	9-29	2
MW-7B	30	20-30	2
SG-1	6	5.9-6	¼
SG-2	6	5.9-6	¼
SG-3	6	5.9-6	¼
SG-4	6	5.9-6	¼
SG-5	6	5.9-6	¼
SG-6	6	5.9-6	¼

REPORTING

We prepared well completion reports (attached) documenting the well destruction specifications. The original hard copies will be sent to Department of Water Resources, Central District Office.

GEOTRACKER

We reviewed the GeoTracker case file for completeness and performed the necessary data file uploads for the project including: EDF, GEO_XY, GEO_Z, GEO_MAP, GEO_REPORT, GEO_WELL, FIELD_POINTS. To date, all applicable data has been uploaded to the GeoTracker case file.

If you have any questions regarding this letter or need assistance with the no further action (NFA) determination, please contact us.

Sincerely,

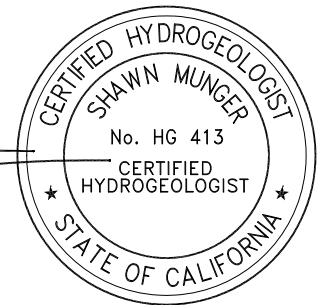
ENGEO Incorporated



Morgan Johnson
mj/sm/bvv



Shawn Munger, CHG

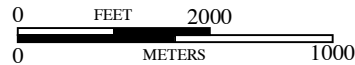


Attachments: Figures
DWR Well Completion Reports
Zone 7 Water Agency Permit
Perjury Statement

FIGURES

Figure 1 Vicinity Map
Figure 2 Site Map

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BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE



VICINITY MAP
JORDAN RANCH - PARCEL H
DUBLIN, CALIFORNIA

PROJECT NO.: 7828.000.001

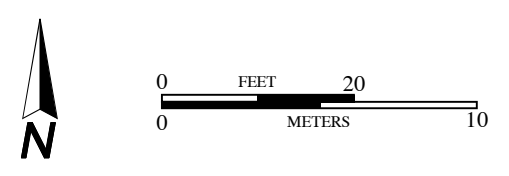
DATE: AS SHOWN

DRAWN BY: SRP

CHECKED BY: SM

FIGURE NO.

1



EXPLANATION
 ALL LOCATIONS ARE APPROXIMATE

MW-7B LOCATION OF MONITORING WELL WITH GROUND WATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)

SG-6 LOCATION OF SOIL GAS WELL

C:\Working\SRM\7828_001\7828-000-ParcelH\7828000001-2-WellLocationMap-1215.dwg Plot Date 12-11-19 10:11:19 1/1

DWR Well Completion Reports

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

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

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STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

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CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

Zone 7 Water Agency Permit



ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 245-9308
E-MAIL whong@zone7water.com

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 4233 Fallon Rd
Dublin, CA

PERMIT NUMBER 2015159
WELL NUMBER MW-1 to MW-5, MW6A, 6B, 7A & 7B
APN 985-0098-006-00

Coordinates Source _____ ft. Accuracy _____ ft.
LAT: 37.711293 N. LONG: 121.850788
APN 985-27-7-2

PERMIT CONDITIONS (Circled Permit Requirements Apply)

CLIENT
Name BJP-ROF Jordan Ranch, LLC
Address 5000 Hopyard Rd, 170 Phone 925-467-9900
City Pleasanton, CA Zip 94588

- 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 Same as above
Email Ravi@missionvalleyhomes.com Fax _____
Address _____ Phone _____
City _____ Zip _____

- B. WATER SUPPLY WELLS**
1. Minimum surface seal diameter is four inches greater than the well casing diameter and six inches for public wells.
 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 _____

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

- 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.

DRILLING METHOD:
Mud Rotary _____ Air Rotary _____ Hollow Stem Auger _____
Cable Tool _____ Direct Push Other Grout only and remove

DRILLING COMPANY Cascade Drilling well boxes

DRILLER'S LICENSE NO. C57-938110

- 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.

WELL SPECIFICATIONS:
Drill Hole Diameter _____ in. Maximum _____
Casing Diameter 2 in. Depth 30 ft.
Surface Seal Depth _____ ft. Number 9 groundwater and
6 soil gas

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

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

- F. WELL DESTRUCTION.** See attached.
- 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.

ESTIMATED STARTING DATE 12/10/15
ESTIMATED COMPLETION DATE 12/10/15

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

APPLICANT'S SIGNATURE  Date 12/3/15

Approved  Date 12/9/15
Wyman Hong

ATTACH SITE PLAN OR SKETCH

Revised: May 17, 2011

December 9, 2015

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

**BJP-ROF Jordan Ranch, LLC
4233 Fallon Road
Dublin
Wells MW-1 to MW-5, MW-6A, MW-6B, MW-7A, MW-7B and 6 soil gas wells
Permit 2015159**

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 the seal has set, backfill the remaining hole with compacted material.



EXPLANATION
 ALL ELEVATIONS ARE APPROXIMATE

- NW-79 LOCATION OF MONITORING WELLS WITH PROPOSED PUMP
- 000-0 LOCATION OF MONITORING WELLS (10 FT)
- 000-0 LOCATION OF WELL HEADS
- ← GROUND WATER FLOW DIRECTION

4233 FALLON RD, DUBLIN
APN: 985-0098-006-00



Perjury Statement

December 11, 2015

Subject: Jordan Ranch Property – Former Leaking Underground Storage Tank
Dublin, California

PERJURY STATEMENT

“I declare, that to the best of my knowledge at the present time, the information and/or recommendations contained in the attached document are true and correct.”

Submitted by Responsible Party:



ROBERT RADANOVICH
BJP-ROF Jordan Ranch, LLC
5000 Hopyard Road, #170
Pleasanton, CA 94588