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2:42 pm, Oct 03, 2007

Alameda County  
Environmental Health

6723 Towpath Road, Box 66  
Syracuse, NY 13214-0066  
September 20, 2007

Reference No. 17366-208

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

Dear Mr. Wickham:

Re: Monitoring Well Abandonment  
SLIC Case No. RO0002571  
Saturn of Pleasanton  
4340 Rosewood Boulevard  
Pleasanton, California

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On behalf of Saturn Retail of South Carolina, LLC (Saturn) and in accordance with your letter dated July 27, 2007, this letter summarizes the abandonment of monitoring well MW-1 conducted by Encore Environmental Consortium, LLC (EEC) at Saturn of Pleasanton, 4340 Rosewood Drive, Pleasanton, California (Site). Prior to abandonment, EEC obtained a well destruction permit from the Zone 7 Water Agency (permit No. 27136). The following activities were conducted at the Site on August 20, 2007 by Spectrum Exploration, Inc. of Stockton, California, with oversight by EEC, under the authority of Zone 7 Water Agency Permit No. 27136:

- The well was sounded at a depth of 50 feet below ground surface (bgs) prior to removing the traffic-rated flush mounted well box;
- Approximately 50 gallons of neat cement grout was mixed in a 55-gallon drum;
- Grout was tremied from the bottom of the well casing to near the ground surface;
- Approximately 25 gallons of grout was pressure grouted into the well casing, the surrounding sand pack filter, and aquifer at 50 pounds per square inch (psi) for 20 minutes until no additional grout could be received;
- Once pressure grouting was completed, the well was overdrilled to a depth of 2.5 feet bgs using an 8-inch hollow stem auger;
- The 2-inch polyvinyl chloride (PVC) well casing was cut at 2 feet bgs; and
- The borehole was filled with grout to six inches bgs and capped with black-dyed concrete.

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Based on the activities described above, MW-1 (3S/1E-4MI) has been abandoned according to Zone 7 Water Agency permit requirements. A copy of the approved permit is enclosed.

Questions on the information contained herein can be directed to me at (517) 316-2397. On behalf of Saturn, we appreciate your time and consideration of this letter and look forward to issuance of the final closure letter for SLIC Case No. RO0002571.

Sincerely yours,

ENCORE ENVIRONMENTAL CONSORTIUM, LLC



Martha F. Darnton

MFD/cr/4/Lan.

Encl.

cc: Pamela Merritt, Saturn Retail of South Carolina, LLC w/ Encl.  
Bob Siegfried, EEC w/Encl.  
Wyman Hong, Zone 7 Water Agency w/Encl.



# ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 454-5728

## DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT Former Saturn of Pleasanton  
4340 Rosswald Dr. Pleasanton, CA

PERMIT NUMBER 27136  
WELL NUMBER 3S/1E-4M1  
APN 946-110-049-00

California Coordinates Source \_\_\_\_\_ ft. Accuracy \_\_\_\_\_ ft.  
CCN \_\_\_\_\_ ft. CCE \_\_\_\_\_ ft.  
APN 946-110-47

### PERMIT CONDITIONS

(Circled Permit Requirements Apply)

CLIENT  
Name Saturn Retail of South Carolina, LLC  
Address 100 Renaissance Center Phone 248-753-1059  
City Detroit, MI 48265-1000 Zip \_\_\_\_\_

- 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 SUPPLY WELLS
  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.
  3. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
  4. A sample port is required on the discharge pipe near the wellhead.
- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
  1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
  2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
- 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.
- E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.
- F. WELL DESTRUCTION. See attached SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after the completion of permitted work the well installation report including all soil and water laboratory analysis results

APPLICANT  
Name Bob Siegfried - Envor Environmental Consortium LLC  
Address 202 Val D'Arin Pkwy Phone (209) 983-6810  
City Stockton, CA Zip 95206

TYPE OF PROJECT  
Well Construction \_\_\_\_\_ Geotechnical Investigation \_\_\_\_\_  
Cathodic Protection \_\_\_\_\_ General Contamination \_\_\_\_\_  
Water Supply \_\_\_\_\_ Well Destruction  
Monitoring \_\_\_\_\_

PROPOSED WELL USE  
New Domestic \_\_\_\_\_ Irrigation \_\_\_\_\_  
Municipal \_\_\_\_\_ Remediation \_\_\_\_\_  
Industrial \_\_\_\_\_ Groundwater Monitoring \_\_\_\_\_  
Dewatering \_\_\_\_\_ Other \_\_\_\_\_

DRILLING METHOD:  
Mud Rotary \_\_\_\_\_ Air Rotary \_\_\_\_\_ Hollow Stem Auger \_\_\_\_\_  
Cable Tool \_\_\_\_\_ Direct Push \_\_\_\_\_ Other \_\_\_\_\_

DRILLING COMPANY Spectrum Exploration  
DRILLER'S LICENSE NO. C57-512368

WELL PROJECTS  
Drill Hole Diameter 8 in. Maximum \_\_\_\_\_  
Casing Diameter 2 in. Depth 50 ft.  
Surface Seal Depth 36 ft. Number MW-1

SOIL BORINGS  
Number of Borings \_\_\_\_\_ Maximum \_\_\_\_\_  
Hole Diameter \_\_\_\_\_ in. Depth \_\_\_\_\_ ft.

ESTIMATED STARTING DATE 8/20/07  
ESTIMATED COMPLETION DATE 8/20/07

Approved Wyman Hong Date 8/15/07  
Wyman Hong

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

APPLICANT'S SIGNATURE [Signature] Date 8/2/07

ATTACH SITE PLAN OR SKETCH

Revised April 27, 2005

August 16, 2007

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

Saturn Retail of South Carolina, LLC  
4340 Rosewood Drive  
Pleasanton  
Well 3S/1E-4M1  
Permit 27136

Preliminary 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 10 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.
6. After seal has set, backfill the remaining hole with compacted material.