California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2010-0077

FOR

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FORMER FOUCHE AUTO WRECKERS
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Santa Rosa
Case No. 1NSO366

Sonoma County

This Monitoring and Reporting Program is issued pursuant to California Water Code Section 13267(b) and requires monitoring of groundwater and surface water and submission of technical reports. Reports are required on a quarterly basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater and surface water quality and contaminant trends at the site.

Under the authority of the California Water Code Section 13267, the Dischargers named above is required to comply with the following:

GROUNDWATER MONITORING

1. The depth to groundwater in each monitoring well shall be determined to at least 0.01-foot increments quarterly. Groundwater elevation(s) shall be computed by subtracting the measured depth from the well top elevation reference point, both of which should be reported. The data generated from the elevation readings must be referenced to mean sea level. The data will be used to generate potentiometric surface maps which show groundwater flow direction(s) and vertical hydrologic gradient(s).

2. Groundwater monitoring wells shall be sampled for the analytical constituents in accordance with Table 1. Each well shall be measured in the field (or by a certified laboratory) for parameters including turbidity, dissolved oxygen, pH, groundwater temperature, oxidation-reduction potential, and specific conductance during purging activities, and sampling shall occur once parameter variance is within 5-10% difference.

3. Prior to sampling, the well shall be properly purged. Purging, sampling and decontamination protocols, and field sampling logs will be submitted. Logs will include equilibrium measurements, pumping rates, and other pertinent information.

STORMWATER MONITORING

4. A three point sampling of surface water shall be conducted. One grab sample shall be collected on the southeast corner of the property where site stormwater runoff leaves the property, one grab sample collected upstream from this point in the drainage ditch that runs parallel to the rail road tracks, and one grab sample collected from the drainage ditch located along the rail line and downstream of the property.

5. The samples shall be collected during or immediately after the first significant rainfall event of the wet season and once again during the month of February. The approximate sample locations are shown on Figure 1. Samples shall be analyzed for total and dissolved metals (cadmium, chromium, lead, nickel, and zinc), total petroleum hydrocarbons as diesel and motor oil, total organic carbon, total suspended solids, pH, specific conductance, and temperature.

REPORTING

6. Groundwater elevation contour map(s) shall be submitted for each set of measurements and include the facility, groundwater flow pattern including the groundwater flow direction(s), and hydraulic gradient magnitude(s). The scaled maps shall show the location of the wells measured and relevant cultural features.

7. Groundwater monitoring well sampling data shall be submitted semiannually and include map(s) of the facility indicating the groundwater flow direction(s) and the location of all monitoring wells. The analytical data sheets shall be summarized in tabular form illustrating the date, the analytical constituents, the monitoring well elevation, and the concentrations of the constituents.

8. Groundwater elevation contour maps and isoconcentration maps for the shallow and deep wells shall be submitted for each set of measurements. All detections are to be contoured.

9. Instrument calibration records, field logs, and QA/QC of data shall be included in each groundwater monitoring report.

10. Each report shall also contain copies of the chain of custody including the date and time of sample collection, the name of the person collecting the samples, and the signed lab sheets including QA/QC.

11. Groundwater Monitoring reports shall be submitted in accordance with the following schedule:

Sampling Period	Report Due
January, February, March	April 15
April, May, June	July 15
July, August, September	October 15
October, November, December	January 15

12. Groundwater monitoring data and reports shall be submitted electronically to the State Water Resources Control Board's Geographic Environmental Information Management System database (GeoTracker) as required by Title 23, Division 3, Chapter 30, Article 2, Sections 3890-3895 of the California Code of Regulations).

Ordered by _____
Catherine Kuhlman
Executive Officer

August 23, 2010

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Table 1

Well No.	VOCs U.S. EPA Method 8260B(1)	1,4-Dioxane U.S. EPA Method 8270SIM (2)	TPH as Diesel & Motor Oil 8015M(3)	Dissolved Metals (Cadmium, Chromium, Lead, Nickel, Zinc) (4)
MW-1	X	X	X	X
MW-2	X	X	X	X
MW-3	X	X	X	X
MW-4	X	X	X	X
MW-5R	X	X	X	X
MW-6	X	X	X	X
MW-7	X	X	X	X
MW-8				
MW-9	X	X	X	X
MW-10	X	X	X	X
MW-11	X	X	X	X
MW-12	X	X	X	X

U.S. EPA means the United States Environmental Protection Agency
(1) Volatile Organic Compounds (VOC) analysis shall include 2-butanone, Freon 11, Freon 12, and Freon 113. Method detection limits shall be 0.5 ug/l
(2) All peaks shall be reported
(3) 1,4-Dioxane method detection limit shall be 0.5 ug/l
(4) Method Detection Limit shall be 1 ug/l