California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program
Order No. R1-2011-0106

For

Sel Turner
Turner's Automotive
9001 Graton Road
Graton, California

Sonoma County

This Monitoring and Reporting Program is issued pursuant to California Water Code section 13267(b) and requires monitoring of groundwater and submission of technical reports. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater quality and contaminant trends at the site.

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

MONITORING

1. Prior to purging and sampling, the depth to groundwater shall be determined to at least 0.01 foot increments in all groundwater monitoring wells at a semi-annual frequency during the 1st and 3rd quarters of each year. The data generated from the elevation readings must be referenced to the same elevation datum used for the electronic GeoTracker survey values.

2. Groundwater samples shall be collected from groundwater monitoring wells for total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, and toluene (BTEX), and fuel oxygenates as specified in Table 1 (attached).

3. A laboratory analyses shall be performed at a laboratory certified by the California Department of Public Health.

4. Newly installed groundwater monitoring wells shall be gauged and sampled at a quarterly frequency for at least four consecutive quarters. Additionally, the initial sample from all newly installed monitoring wells must include analysis for volatile organic compounds (VOCs).

REPORTING

5. Monitoring reports shall be submitted to the Regional Water Board at a quarterly frequency. Monitoring reports shall be prepared by or under the

supervision of a California Registered Engineer or Geologist. Monitoring reports shall be submitted to this office in accordance with the following schedule:

Reporting Period	**Due Date**
1st Quarter (January, February, March)	May 1
2nd Quarter (April, May June)	August 1
3rd Quarter (July, August, September)	November 1
4th Quarter (October, November, December)	February 1

6. Groundwater elevation contour maps for each water bearing zone shall be included for each set of depth to water measurements collected. The maps shall include the direction of the calculated groundwater gradient in each zone and the location of all monitoring wells.

7. Each report shall include well purging and sampling field logs, chain of custody documents and signed laboratory sheets including quality control data and explanation of analytical anomalies, if any.

8. The results of each groundwater elevation measurements shall be reported in tabular form providing the surveyed elevation of each reference point, depth to groundwater from the reference point, and the actual groundwater elevation.

9. Current and previous analytical results and shall be reported in tabular form.

10. Each report shall contain an update on the soil vapor extraction system, including run time for each quarter, total operation time, maintenance performed, influent and effluent soil vapor data as required by the local permitting agency, mass removal calculations, and any other relevant information to the operation of the system.

11. Monitoring reports, analytical data and depth to water measurements shall also be submitted electronically to the State Water Resources Control Board's GeoTracker database.

Ordered by _____
Catherine Kuhlman
Executive Officer

October 20, 2011

Table 1

Well ID	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
MW-1*				
MW-1A	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates
MW-2*				
MW-2A	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates
MW-3*				
MW-4*				
MW-5*				
MW-6				
MW-7			TPH-g, BTEX, Fuel Oxygenates	
MW-8				
MW-9			TPH-g, BTEX, Fuel Oxygenates	
MW-10			TPH-g, BTEX, Fuel Oxygenates	
MW-12			TPH-g, BTEX, Fuel Oxygenates	
MW-13	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates
MW-14*				
MW-1D	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates
MW-2D	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates
MW-3D	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates
SVE-2	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates
SVE-4	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates
SVE-8	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates
Domestic Well Influent	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates
Domestic Well Effluent	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates	TPH-g, BTEX, Fuel Oxygenates

*Well Abandoned