

California Regional Water Quality Control Board  
North Coast Region

Monitoring and Reporting Program No. R1-2008-0122  
(Rescinding and Replacing Monitoring and Reporting Program No. 97-257)

FOR  
BEVAN INVESTMENTS  
AND  
BEVAN-PEARSON MOVING AND STORAGE, INC.  
AND  
BEVAN-PEARSON MAYFLOWER

995 Sebastopol Road

APN 125-101-06-3

Santa Rosa, CA

Sonoma County

This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code Section (CWC) 13267(b) and requires monitoring of groundwater and submission of technical reports. This MRP rescinds and replaces MRP Order No. 97-257, previously issued for the site. The objective of monitoring conducted under this MRP is to provide the Discharger and the Regional Water Board with information concerning groundwater quality and contaminant trends at the site.

All monitoring and reporting activities shall be conducted by or under the supervision of a California Registered Engineer or Geologist. Under the authority of CWC section 13267, the Dischargers named above are required to comply with the following:

**MONITORING**

1. The depth to groundwater shall be determined quarterly to the nearest 0.01 foot increment in each monitoring well prior to well purging. The data generated from the elevation readings must be referenced to the same elevation datum used for the electronic GeoTracker survey values.
2. Monitoring wells O-3, W-5, W-6, W-11, and W-13 shall be sampled and analyzed quarterly for the following constituents of concern:
  - a. Total Petroleum Hydrocarbons measured as gasoline and as diesel;
  - b. Benzene, toluene, ethylbenzene, and xylenes;
  - c. Methyl tertiary butyl ether (MTBE) and Tert-butyl alcohol (TBA).
3. Monitoring wells W-8 and W-9 shall be sampled and analyzed quarterly for MTBE and TBA only.

4. Monitoring wells W-13, and W-14 shall be sampled and analyzed annually, during the first calendar quarter, for the following constituents of concern:
  - a. Total Petroleum Hydrocarbons measured as gasoline and as diesel.
  - b. Benzene, toluene, ethylbenzene, and xylenes.
  - c. Methyl tertiary butyl ether (MTBE) and Tert-butyl alcohol (TBA).
5. Monitoring wells W-7, W-12, W-15, O-1, O-2, D-1-1, and D-1-2 shall be sampled and analyzed annually, during the first calendar quarter, for MTBE and TBA only.
6. Chemical analyses must be performed by a laboratory certified by the State of California Department of Health Services.
7. Analytical methods for sample analyses shall achieve practical quantification reporting limits that are adequate for evaluating regulatory action levels for each constituent. A table of common laboratory reporting limits for the constituents of concern is incorporated in this Order as Attachment A.

## **REPORTING**

1. Monitoring reports shall be submitted to the North Coast Regional Water Quality Control Board at 5550 Skylane Boulevard, Suite A, Santa Rosa, California, 95403 according to the following schedule:

<u>Quarter</u>	<u>Reporting Period</u>	<u>Required Submittal Date</u>
First Quarter	January, February, March	April 30
Second Quarter	April, May, June	July 31
Third Quarter	July, August, September	October 31
Fourth Quarter	October, November, December	January 31

2. Groundwater monitoring reports shall include the following elements:
  - a. A narrative description of the work conducted.
  - b. A groundwater elevation map for each sampling event.
  - c. A contaminant distribution map showing isograms for constituents of concern detected in groundwater during the monitoring event.
  - d. Analytical data tables including both current and historical analytical results.
  - e. Copies of the well purging and sampling field logs; chain of custody documents; and signed laboratory reports including quality control data and explanations of analytical anomalies, if any. These supporting documents may be included as appendices to the report.
3. Laboratory data, copies of monitoring reports, and depth to groundwater measurements shall also be submitted electronically to the State Water Resources

Control Board's Geographic Environmental Information Management System  
database (GeoTracker).<sup>1</sup>

Ordered by \_\_\_\_\_

Catherine Kuhlman  
Executive Officer

December 9, 2008

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Certified-Return Receipt Requested

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<sup>1</sup> Information on GeoTracker submittal requirements can be found at  
[http://www.waterboards.ca.gov/ust/electronic\\_submittal/index.shtml](http://www.waterboards.ca.gov/ust/electronic_submittal/index.shtml)

## Attachment A

**Table of Water Quality Objectives**

For Selected Petroleum Related Constituents in Groundwater

Updated 11-13-08

CHEMICAL	COMMON MINIMUM DETECTION LEVEL	WATER QUALITY OBJECTIVE <sup>1</sup>	WATER QUALITY OBJECTIVE CITATION
<b>Petroleum Hydrocarbons (as gasoline)</b>	50.0 µg/l	5 µg/l	Taste and Odor Threshold is 5 ug/l, but the common detection limit is 50 µg/l
<b>Petroleum Hydrocarbons (as diesel)</b>	50.0 µg/l	100 µg/l	USEPA Health Advisory
<b>Petroleum Hydrocarbons (as motor oil)</b>	50.0 µg/l	< 50.0 µg/l	Federal and State Anti-Degradation Policy and SWRCB Resolution No. 68-16
<b>Benzene</b>	0.5 µg/l	0.15 µg/l	California Public Health Goal (Cal/EPA, OEHHA)
<b>Toluene</b>	0.5 µg/l	42 µg/l	Taste and Odor Threshold
<b>Ethyl benzene</b>	0.5 µg/l	3.2 µg/l	Cal/EPA Cancer Potency Factor as a drinking water level
<b>Xylenes</b>	0.5 µg/l	17 µg/l	Taste and Odor Threshold
<b>Methyl tertiary butyl ether</b>	0.5 µg/l	5 µg/l	Secondary MCL (taste & odor or welfare-based)
<b>Tert-butyl alcohol</b>	10 µg/l	12 µg/l	California Notification Levels (Department of Health Services)

<sup>1</sup> The California Water Code, and regulations and policies developed there under require cleanup and abatement of discharges and threatened discharges of waste to the extent feasible. Cleanup and abatement activities are to provide attainment of background levels of water quality or the highest water quality that is reasonable if background levels of water quality cannot be restored. **Alternative cleanup levels less stringent than background concentration shall be permitted only if the discharger demonstrates that: it is not feasible to attain background levels;** the alternative cleanup levels are consistent with the maximum benefit to the people of the State; alternative cleanup levels will not unreasonably affect present and anticipated beneficial uses of such water; and they will not result in water quality lower than prescribed in the Basin Plan and Policies adopted by the State and Regional Water Boards.