

California Regional Water Quality Control Board  
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2008-0108  
(Replacing Monitoring And Reporting Program No. R1-2007-0030)

FOR

EMIL SHOKOHI

3300 NORTH HIGHWAY 1  
ALBION, CALIFORNIA

CASE NO. 1TMC357

Mendocino 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. 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 quality at the site.

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

**MONITORING**

1. Prior to purging, the depth to groundwater shall be determined to at least 0.01 foot increments in all groundwater monitoring wells quarterly. The data generated from the elevation readings must be referenced to the same elevation datum used for the electronic GeoTracker survey values.
2. Water samples shall be collected for analysis on a quarterly schedule from monitoring wells MW-2, MW-6, MW-15, MW-16, and MW-18.
3. Water samples shall be collected for analysis semiannually, during the first and third quarters of each year, from monitoring well MW-17.
4. Water samples shall be collected for analysis annually, during the first quarter of each year, from the following:
  - a) Monitoring wells MW-1, MW-5, MW-7, MW-10, MW-13, and MW-14;
  - b) The on-site duck pond (sampling location "DP" on the attached figure, excerpted from the March 8, 2006 Edd Clark & Associates, Inc. document *Groundwater Monitoring Report-December 2005 Event, Former Albion Shell, 3300 Highway 1 North, Albion California*);
  - c) The domestic water supply well located to the west of the site (sampling location "DW-1" on the attached figure); and

- d) The surface water drainage to the southwest of the site and the surface water drainage to the west-northwest of the site, if surface water is present (sampling locations "SW-1" and "SW-4", respectively, on the attached figure).
5. Water samples shall be collected for analysis biennially from monitoring wells MW-9 and MW-11.
  6. The water samples collected from monitoring wells MW-1, MW-5, MW-9, MW-11, and MW-17, the water samples collected from the duck pond, the surface water drainages, and the water samples collected from DW-1 shall be analyzed for MTBE and TBA.
  7. The other water samples collected per Monitoring items 2, 3, 4, and 5, above, shall be analyzed for Total Petroleum Hydrocarbons as gasoline, benzene, toluene, ethylbenzene xylene, MTBE, and TBA. EPA method 8260 shall be used for MTBE and TBA analysis for these samples.
  8. Groundwater samples from the monitoring wells used to monitor the ozone remediation system (monitoring wells MW-2, MW-6, MW-15, MW-16, MW-17, and MW-18) shall be analyzed for the following parameters: dissolved oxygen; oxidation reduction potential (ORP); temperature; pH; bromate; dissolved hexavalent chromium; dissolved vanadium; dissolved selenium; and dissolved molybdenum. The dissolved oxygen, ORP, temperature, and pH shall be measured in the field. The laboratory reporting limit for hexavalent chromium should be no higher than 5 µg/L and the laboratory reporting limit for bromate should be no higher than 10 µg/L.
  9. All laboratory analyses shall be performed at a laboratory certified by the California Department of Health Services.

## REPORTING

1. Quarterly monitoring reports, in hard copy form, shall be submitted to this office in accordance with the following schedule:

<b><u>Reporting Period</u></b>	<b><u>Due Date</u></b>
January, February, March	May 1
April, May, June	August 1
July, August, September	November 1
October, November, December	February 1

2. Remedial system operation and maintenance activities shall be reported in the monitoring reports.
3. Each report shall contain copies of the well purging and sampling field logs; chain of custody documents showing the time and date of collection and person

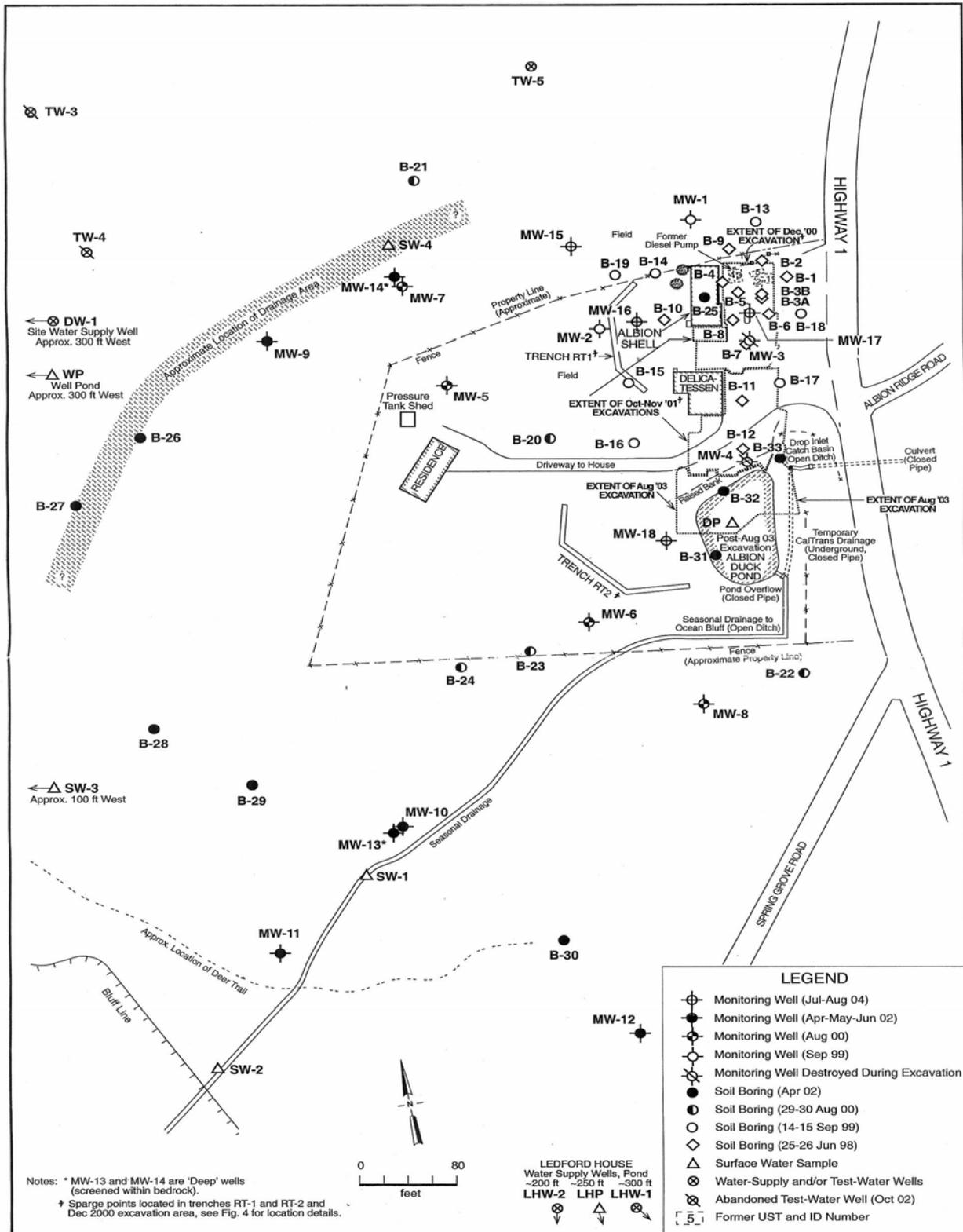
collecting; and signed laboratory sheets including quality control data and explanations of analytical anomalies, if any.

4. The monitoring reports and monitoring data shall also be submitted electronically to the State Water Resources Control Board's GeoTracker database as required by Title 23, Division 3, Chapter 30 of the California Code of Regulations. The electronic submittals shall be submitted by the same due dates as for the hardcopy report submittal.

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

Catherine Kuhlman  
Executive Officer

September 24, 2008



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FIGURE 2

**EDD CLARK & ASSOCIATES, INC.**  
ENVIRONMENTAL CONSULTANTS

**SITE PLAN**  
Former Albion Shell  
3300 N. Highway 1  
Albion, California

FIGURE 2  
JOB NUMBER 0302,001.97  
REVIEWED BY EC&A, E.J. VandenBosch  
DATE February 2002  
REVISED DATE April 2005  
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