

FEB 23 2007

February 22, 2007
Project 9329.000

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Executive Officer
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Attention: Kasey Ashley

Subject: Proposed Monitoring and Reporting Program
Arcata Division Sawmill
Arcata, California

Dear Ms. Ashley:

On behalf of Sierra Pacific Industries (SPI), Geomatrix Consultants, Inc. (Geomatrix) has prepared a proposed ground water monitoring and reporting program (MRP) for SPI's Arcata Division Sawmill in Arcata, California. The proposed MRP was prepared in response to the California Regional Water Quality Control Board, North Coast Region's January 25, 2007, letter to SPI. For your convenience we have duplicated the format of the current MRP and included the proposed changes below.

1. Monitoring and Reporting Program R1-2007 applies only to those monitoring wells installed at the site for purposes related to the investigation and cleanup of the release of wood surface protection chemicals in the former dip tank area (Attachment 1).
2. The depth to groundwater in all monitoring wells shall be determined to at least 0.01-foot increments annually. The results of annual elevation measurements shall be reported in tabular form indicating the surveyed elevation of the monitoring wells and the associated groundwater elevation measurements. The data generated from the elevation measurements must be referenced to mean sea level.
3. All monitoring wells shall be adequately purged prior to sampling. Monitoring wells shall be considered adequately purged after a minimum of three well casing volumes have been removed from the well, or after the field measurements of temperature, pH, and specific conductance taken during the purging process show that all of these parameters have stabilized in groundwater to within ten percent of their previous measurement. Field data sheets shall be completed for each monitoring well and shall clearly demonstrate the wells were adequately purged prior to sample collection. All purge water shall be stored in appropriate containers and shall be disposed of properly.



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- The following groundwater monitoring wells shall be measured on an annual basis for the following field parameters: temperature, pH, and specific conductance. The groundwater monitoring wells shall also be sampled on an annual basis and analyzed for pentachlorophenol and tetrachlorophenol by the Canadian Pulp Method, EPA Method 8151M, or other method approved by the Executive Officer:

MW-1	MW-13D
MW-2	MW-20
MW-7	MW-21

- The following groundwater monitoring wells shall also be sampled on an annual basis and analyzed for dioxins and furans using United States Environmental Protection Agency (EPA) Method 1613 or other method approved by the Executive Officer:

MW-7	MW-21
MW-20	

Reporting

Annual monitoring reports shall include annual sampling data and groundwater gradient data in tabular form, historical analytical data in tabular form, a groundwater sample location map, groundwater elevation contour maps, and a status report. Annual monitoring reports shall be submitted to this office in accordance with the following schedule:

Sampling Period
April, May, June

Due Date
Report due by July 31st

We recommend continuing the groundwater monitoring in the former dip tank area until decreasing trends of PCP and dioxin concentrations are observed. We recommend destroying monitoring wells no longer included in the MRP (MW-3, MW-4, MW-5, MW-6, MW-8, MW-9, MW-10, MW11, MW-12, MW-14, MW-15D, MW-16D, MW-17, MW-18, and MW-19D).



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Please contact either of the undersigned if you have any questions.

Sincerely yours,
GEOMATRIX CONSULTANTS, INC.

Mike Keim
Senior Scientist

Edward P. Conti, C.E.G., C.H.G.
Principal Geologist

RAS/EPC/abr
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cc: Bob Ellery, Sierra Pacific Industries
Gordie Amos, Sierra Pacific Industries