

**Public Participation Plan for Sierra Pacific Industries –
Arcata Division Sawmill, Arcata, California (revised)**



Prepared For:
Sierra Pacific Industries, Inc



M154.1

May 9, 2003

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1.0 INTRODUCTION

This Public Participation Plan (PPP) has been prepared by EnviroNet Consulting on behalf of Sierra Pacific Industries (SPI) for the Arcata Division Sawmill located at 2593 New Navy Base Road, Arcata, California. The purpose of this PPP is to document public involvement goals and objectives for site investigation and proposed remedial activities at the SPI Arcata Division Sawmill facility. The PPP is based on Regional Water Quality Control Board (RWQCB) document *Public Participation Plans, Regional Board Preparation and Implementation Guidelines, 2000*.

The goal of the PPP is to document issues and concerns that the community surrounding the subject site may have, and to provide a mechanism to allow for dialogue between the public and private and/or government officials regarding proposed investigative and remedial actions for the site. In addition, the PPP is created to establish procedures for accurate and timely release of information to potentially affected and concerned citizens, elected officials, public interest groups, and local and federal regulatory agencies. The program also intends to facilitate communication between local and federal agencies, and the community.

The investigation and proposed remedial activities at the site are being performed at the direction of SPI. The site has been investigated under the Spills, Leaks, Investigations, and Cleanups (SLIC) program of the RWQCB and the California Water Code.

The North Coast Regional Water Quality Control Board (NCRWQCB) is the Lead Agency within the California Environmental Protection Agency (Cal/EPA) charged with oversight of the site investigation. The NCRWQCB has worked with SPI in establishing the necessary environmental investigation and cleanup activities along with a schedule for the Remedial Action phase of the project.

1.1 Report Organization

The PPP is organized as follows:

- Section 1.0 provides an introduction to the PPP and explains its purpose and structure;
- Section 2.0 provides background information on the site and the nearby community;
- Section 3.0 presents a summary of documented community issues or concerns expressed during interviews;
- Section 4.0 describes additional activities that will be conducted to accomplish the public participation objectives, and provides a list of personnel involved with the project;
- Section 5.0 outlines the schedule for these activities;
- Section 6.0 lists all of the references utilized to develop the PPP;
- Appendix A contains aerial photos, site plans and maps;
- Appendix B contains a schedule of anticipated public participation activities and questionnaire;
- Appendix C contains a mailing list;
- Appendix D contains the draft Fact Sheet.

2.0 COMMUNITY BACKGROUND

2.1 Current Site Description

The Arcata Mill facility is owned and operated by SPI, P. O. Box 1189, Arcata, California, 95518. The facility encompasses several parcels owned by SPI. They are Assessor's Parcel Numbers 506-061-06, 506-061-07, 506-081-06, 506-061-09, 506-061-10, 506-061-28, and 506-181-02. The facility is located at 2593 New Navy Base Road, Arcata, California, 95518, at the northwest end of Arcata Bay and to the west of Mad River Slough, as shown on Plate 1 (Appendix A). The facility is bordered, to the south by New Navy Base Road (Highway 255), as shown on Plate 1 (Appendix A). An aerial photograph is included as Photo Plate A (Appendix A), which shows the general layout of the SPI facility.

The nearest city is Arcata, which is approximately three miles to the east of the site. There are no schools, hospitals, churches or other public facilities located within one mile of the site.

This facility stores, manufactures, and distributes wood products that are manufactured from logs harvested from various domestic timberlands in the coastal region. SPI's standard industrial code is 2421-General Sawmills and Planing Mills. Facility operations began in 1950 and encompass 32 acres, with 95% of the mill area property covered with buildings, asphalt or concrete.

2.2 Site History

The site was undeveloped land, consisting of sand dunes and mud flats, until approximately 1950 when it was converted into a lumber mill by SPI. Site conversion included filling in portions of the mud flats on the eastern, northern, and southern sides of the site. The site has been an active mill from 1950 to the present day. After initial construction of the mill, filling of portions of the mud flats and expansion of the mill site continued until 1971.

The use of Pentachlorophenol (PCP) and Tetrachlorophenol (TCP) containing products for lumber treatment began at the site in the early to mid-1960s. The treatment was applied to a small amount of milled lumber to prevent staining. Noxtane, a fungicide and anti-stain solution, was used in a dip tank that was located at the former green chain, located just south of the current sorter building and just west of the current sawmill building, as shown on Plate 2A (Appendix A). The use of anti-staining solution containing PCP and TCP was discontinued and the dip tank area covered with concrete in July 1985. The location of the dip tank was initially reported by SPI personnel to have been between the current sorter building and the current sawmill building; however, the location was subsequently determined to be just south of the sorter building and just west of the sawmill building, as shown on Plate 2A (Appendix A). Much of the area between these two buildings is currently covered with concrete or asphalt and various equipment to convey lumber and lumber cutting by-products from one area of the site to another (see Plate 2A, Appendix A).

2.3 Historic and Current Site Activities

Based on environmental investigations performed at the site since approximately 1981, several areas of known and/or suspected soil and groundwater impact have been identified. Current and historical investigative activities at the site have consisted of the following:

1. The collection of soil and groundwater samples. Laboratory analysis was performed on selected soil and groundwater samples collected from the environmental investigations performed at the site.
2. The collection of stormwater discharge samples. Stormwater discharge samples have been collected and analyzed from several stormwater discharge locations at the site since approximately 1986.
3. The installation, sampling, and monitoring of groundwater monitoring wells at the site. To date, 19 monitoring wells have been installed at the site.
4. Sampling of oysters in the Mad River Slough and Arcata/Eureka Bay in June and October 2002.
5. The collection and analysis of sediment and tissue in and around the Mad River Slough, and Arcata/Eureka Bay.

Based on the results of the environmental investigations performed at the site to date, the primary contaminants of concern in selected areas have been identified to be chlorophenols, primarily PCP, TCP, dioxins and furans; occurring in specific areas. The assessment documents from the above investigations will be available at the local public repositories. Screening parameters for tissue and marine sediments included dioxin and furans, semi-volatiles (including PCP/TCP), PCP AROCLORS, chlorinated pesticides, and Cam 17 metals.

2.3.1 Future Site Activities

The future planned site activities consist of an on site risk assessment and feasibility study. The purpose of the risk assessment is to evaluate the threat to the health of on site employees and any site remediation personnel. The purpose of the feasibility study is to determine the best and most feasible remediation approach for the PCP/TCP on site groundwater plume. A remedial action plan will be prepared, and, after the proposed remediation approach is selected and implemented at the site, groundwater monitoring will continue for a period of at least 1 year in order to monitor the effectiveness of the remediation system, and to further assess the potential for any impacts to human health and the environment. The results of the installation of the proposed remediation system will be documented in a report and submitted to the appropriate agencies, and will be made available at the prescribed public repositories (see Section 4.2). Quarterly groundwater monitoring at the site is currently reported approximately every 3 months. Surface water discharge analysis reports are reported on a monthly basis.

A Human Health and Ecological Risk Assessment (HHERA) is being performed for the SPI Arcata Division Sawmill. The purpose of the risk assessment is to determine whether current or past activities at the SPI facility have resulted in negative impacts to the Mad River Slough and surrounding areas including the Arcata/Eureka Bay, the Arcata Channel, and associated salt marshes. The HHERA will build upon the results of extensive

environmental sampling and chemical testing of sediment biota tissues conducted in June and October 2002, as well as the results of sediment toxicity testing, bioaccumulation testing and benthic infaunal surveys that are currently underway.

During June and October 2002, ENVIRON International Corporation (ENVIRON) of Emeryville, California and EnviroNet Consulting of Santa Rosa, California performed a preliminary assessment of dioxins and PCP/TCP in commercial oyster beds in the Mad River Slough and Arcata/Eureka Bay, California.

2.4 Land Use

2.4.1 Current Land Use

EnviroNet conducted a sensitive site receptor survey for the site on June 25, 2002. The SPI Arcata Mill site is situated along the west shore of Mad River Slough where it joins Arcata Bay to the south. The adjacent areas to the south and east consist of estuaries, which are influenced by tidal movement of as much as 10 vertical feet. Across the slough lie the Arcata Bottoms, a flat expanse of land, primarily in agricultural use, extending east approximately 3 miles to the City of Arcata. To the north and west of the site are forested areas which give way to barrier coastal dunes known as the Manila Dunes, and the Pacific Ocean beyond.

The only developed areas within 1,000 feet of the subject site lie to the southwest. At the area north of Highway 255, which is now New Navy Base Road (locally known as Samoa Boulevard), there are two clusters of residences, one on each side of New Navy Based Road. The closest of these residences is approximately 500 feet from the south/southwestern boundary of the site, as shown on Photo Plate 1 (Appendix A). There are no parks or recreation centers within 1 mile of the site. No schools, hospitals, churches or other public facilities are located within 1 mile of the site.

Beneficial uses of the Mad River Slough and Arcata/Eureka Bay include: recreation (water contact and non-contact), agricultural supply, industrial service supply, navigation, commercial and sport fishing, cold freshwater, marine, estuarine wildlife habitat, habitat for rare, threatened, and/or endangered species, migration of aquatic organisms, spawning, reproduction, and/or early development of fish, shellfish harvesting, and aquaculture.

Beneficial uses of the open space surrounding the SPI facility include a trap shooting range located to the west of the site, coastal access, hiking, picnicking, surfing, and other day use activities associated with public use of the coastal dunes.

2.4.2 Future Land Use Plans

The future land use for the site and the surrounding area is expected to be the same as the present.

2.5 Demographic Survey

A demographic survey of the Manila area surrounding the SPI facility was conducted in order to create a profile of the nearby residents and other community members who may be potentially interested about current and

proposed site activities, and to assist in creating a public participation plan which incorporates the concerns of local community members.

Demographic information for this PPP was obtained for the area within the community of Manila, and for Humboldt County. The information includes data on total population, households, income, age, and ethnicity from the 2000 census. The demographic data obtained is summarized below:

- The total population for the community of Manila in 2000 was 771, with an average of approximately 2 residents per household. The median age was 37 years;
- 42% of the residents in Manila own their houses and 58% rent their houses. The median income per household for the Manila block group is \$29,045;
- The estimated ethnic breakdown for Humboldt County was 84.7% White, 6.48% Hispanic, 0.9% African American, 5.7 % American Indian, and 1.7% Asian/Pacific American.

3.0 COMMUNITY INTERVIEWS

To evaluate the level of public interest and possible concern about the current and proposed site remedial activities, communications with all relevant public agencies and members of the community are currently being performed. Interviews were conducted with local community members in order to provide the interviewee the opportunity to inquire about any potential issues of concern about the site, and the opportunity to better facilitate the distribution of information regarding proposed remedial activities to local community members.

A mailing list has been compiled and is presented in Appendix C. A written questionnaire has been developed, and will be distributed to those interviewees from the community of Manila who provide addresses, in addition to other interested parties. A comprehensive canvass of the target area has not been completed at this time. The attached Photo Plate B (Appendix A) shows the approximate extent of the area which was targeted for the community interviews both planned and performed for this PPP.

3.1 Historical Community Involvement

There have been numerous concerns raised by private organizations regarding the potential release of PCP/TCP and/or dioxins and furans into the Mad River Slough and Arcata/Eureka Bay from the SPI facility. Articles have been posted in the North Coast Journal, the Arcata Eye, the Eureka Times-Standard, the Press Democrat, the San Francisco Chronicle, and various other publications. There has been an expressed interest and/or concern regarding the health and quality of flora and fauna, which includes oysters, shellfish, and other wildlife in and around Arcata/Eureka Bay.

Coast Seafoods and North Coast Shellfish of Eureka, and Arcata, respectively, have both expressed concerns regarding the potentiality of an impact to crabs, oysters, other shellfish, and the overall effect that the release of PCP/TCP, and dioxins and furans may have on the health of the Mad River Slough and Arcata/Eureka Bay areas.

3.2 Summary of Interview Findings

The primary findings of the interviews conducted are summarized below.

3.2.1 Concerns about the Site

Interviewees were questioned about specific concerns relevant to the historical and proposed site investigative and remedial activities. The specific concerns involved the suspected historical and potential present release of contaminants into the Mad River Slough, and other nearby water bodies; the potential impact to local flora and fauna, and any other concerns that may arise as a result of the historical and proposed site activities. Environmental concerns expressed by the interviewees ranged from “none” to concerns regarding the following items:

- Impact and pollution to the Bay;
- Water quality of the Mad River Slough;
- Concerns about “what” dioxin is and how much is present in the Bay;
- Concerns about damage to the fishing industry;
- Concerns about wildlife in the Mad River Slough;
- Concerns about a reluctance to engage in recreational activities in the Mad River Slough (canoeing, kayaking, etc.) due to concerns about possible contaminants in the Mad River Slough and other nearby water bodies;
- Concerns about children being raised in the vicinity of the SPI mill;
- Concerns about eating oysters;
- Concerns about oily product in the Mad River Slough.

3.2.2 Communication with Local and Government Officials

Those interviewees who responded were questioned as to what level of contact, if any, they have had with city, county, and federal agencies. None of the interviewees who responded had had any contact or been contacted by anyone in the public/private sector regarding the environmental investigation at SPI.

3.2.3 Level of Community Concern

Interviewees were asked about their knowledge of concern by friends, neighbors, and public officials. A small number of the persons interviewed indicated that they had had discussions with other members of the community regarding the subject site. The relationships between the public and regulatory officials were also questioned during the community interviews. Based on the responses collected, there does not appear to be any dialogue between the members of the community and the regulatory officials regarding the SPI mill site activities.

3.2.4 Preferences for Information Dissemination

Fact Sheets will be developed and made available to the public as new information about the site is generated. In addition, as the proposed site activities progress, community meetings will be scheduled as major milestones are met, or based on the desires of the local community. Information will be on file for public review at the City of Arcata Library, the Humboldt County Department of Health and Human Services - Division of Environmental Health in Eureka, California, and the NCRWQCB in Santa Rosa, California. A preliminary community meeting will be scheduled to be held at the Manila Community Center. The date and time of the community meeting will be determined based on feedback from the public, and the scheduled community meeting will be announced to the public by way of a press release. Upon receipt of the NCRWQCB’s approval of this PPP, a press release will be issued announcing the date and time of the community meeting at the Manila Community Center.

4.0 PUBLIC PARTICIPATION PLAN (PPP) ACTIVITIES

Based on the findings of the interviews detailed in Section 3.0, a goal has been developed for the PPP for the proposed remedial and investigative activities at the site. This goal is described in the second paragraph under Section 1.0. In order to meet this goal, implementation of the PPP will be primarily accomplished using the following mechanisms:

- Updating and supplementing the mailing list;
- Providing a comprehensive forum for the review of technical information;
- Identifying contact persons who will be available to field questions regarding the site.

4.1 Fact Sheets

A Fact Sheet addressing the current and proposed status of the site is enclosed in this document (Appendix D). Fact Sheets will be written in non-technical language in order to inform the community of key issues regarding the status of the site investigation and remediation, to explain the results of any findings, and to provide a schedule for public input opportunities. Fact sheets will be issued whenever new information is generated that is deemed to be of significant interest to the public. Fact sheets may include the following information, as applicable:

- Site history and map;
- Regulatory agency actions and status of regulatory program;
- Description of issues;
- Schedule of activities;
- Process for public involvement;
- Location of information repository;
- Name, address, and phone number of contact persons;
- Summary of site investigation;
- Summary of selected remedial activities;
- Summary of public participation activities;
- Description of cleanup alternatives, if needed.

Fact sheets detailing the current and proposed investigative and remedial activities will be distributed to individuals on the mailing list, included in this PPP. As the mailing list is revised, Fact Sheets will be mailed to the appropriate interested parties.

4.2 Public Repositories

As reports are completed during the investigative and remedial process, they will be made available for public review at the following locations:

California Regional Water Quality Control Board

North Coast Region

5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Business hours:	Monday	1:30 a.m. to 4:30 p.m.
	Tuesday	8:30 a.m. to 11:30 a.m. and 1:30 p.m. to 4:30 p.m.
	Wednesday	8:30 a.m. to 11:30 a.m. and 1:30 p.m. to 4:30 p.m.
	Thursday	8:30 a.m. to 11:30 a.m. and 1:30 p.m. to 4:30 p.m.
	Friday	8:30 a.m. to 11:30 a.m.

Humboldt County Department of Health and Human Services

Division of Environmental Health

100 H Street, Suite 100
Eureka, California 95501

Business Hours:	Monday	8:30 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m.
	Tuesday	8:30 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m.
	Wednesday	8:30 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m.
	Thursday	8:30 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m.
	Friday	8:30 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m.

City of Arcata Library

500 7th Street
Arcata, California

Business Hours:	Monday	Closed
	Tuesday	2 p.m. to 5 p.m.
	Wednesday	1 p.m. to 8 p.m.
	Thurs-Sat.	10 a.m. to 5 p.m.
	Sunday	Closed

These reports or documents will include the following:

- Fact Sheets
- EnviroNet Consulting's Work Plan for Subsurface Investigation, dated February 27, 2001
- EnviroNet Consulting's Work Plan for Subsurface Investigation, dated May 8, 2001
- EnviroNet Consulting's Work Plan Addendum for Subsurface Investigation, dated June 5, 2001
- EnviroNet Consulting's Report on Subsurface Investigation of the Wash Rack Stockpile Storage Area, dated October 16, 2001
- EnviroNet Consulting's Work Plan for Subsurface Investigation, dated November 26, 2001
- EnviroNet Consulting's Report of Recent Hydrogeologic Investigation, dated April 19, 2002
- EnviroNet Consulting's Interim Feasibility Study to Remediate Chlorophenols in Soil and Groundwater, dated May 1, 2002
- ENVIRON's Work Plan for Performing a Human Health and Ecological Risk Assessment, dated June 25, 2002
- ENVIRON's Evaluation of the Results of Dioxin and Pentachlorophenol Testing of Commercial Oyster Beds in Humboldt Bay, California, dated July 18, 2002
- ENVIRON's Sampling and Analysis Plan Chemical Testing of Surface Sediments at Nearshore Locations Along the Sierra Pacific Industries Facility in the Mad River Slough, Humboldt Bay, California, dated August 13, 2002
- EnviroNet Consulting's Results of the Second Quarter 2002 Groundwater Monitoring and Sampling Event, Study of Tidal Influence on Groundwater, and Sensitive Site Receptor Survey, dated November 22, 2002
- EnviroNet Consulting's Results of the 3rd Quarter 2002 Groundwater Monitoring and Sampling Event, dated November 25, 2002
- ENVIRON's Revised Work Plan for Performing a Human Health and Ecological Risk Assessment, dated December 18, 2002
- EnviroNet Consulting's Results of the Remedial Investigation, Volumes I and II, dated January 30, 2003
- EnviroNet Consulting and ENVIRON's Evaluation of the Results of Dioxin and Other Chemical Testing of Commercial Oyster Beds in Humboldt Bay, California from June and October 2002, dated February 11, 2003
- ENVIRON's Bound Copy of the December 10, 2002 HRA/ERA Work Plan and the February 21, 2003 Sampling and Analysis Work Plan for October 2002 Sediment and Biota Sampling in the Mad River Slough and Arcata Bay, California, dated February 24, 2003
- EnviroNet Consulting's Coastal Development Permit Application No. 1-01-047; Sierra Pacific Industries – Arcata Mill Division for Drainage Improvements, dated August 27, 2002
- EnviroNet Consulting's Biological Assessment Report, dated February 10, 2003
- Public Notices
- Brochures and other information about site activities
- Press releases and other newspaper articles about the site

4.3 Public Meetings

It is anticipated that the community meeting will be held at the Manila Dunes Community Center. The date and time of the community meeting will be set upon approval by the NCRWQCB of this PPP. As information is generated, and based on the level of public response and concern, community meetings will be scheduled as additional information is generated. The purpose of the community meeting(s) is to provide a forum for the public to express any questions or concerns.

4.4 Key Public Involvement Contacts

A list of current personnel contacts involved with the project is provided below. Individuals can get in touch with these contact persons to ask questions about or comment on the site investigations, remedial progress or future prospects of the site. The list includes key individuals at SPI and the NCRWQCB. This list will be modified to include additional contacts, as necessary, in the future.

Mr. Mark Lathrop
Sierra Pacific Industries
P.O. Box 496028
Redding, CA 96080
(530) 378-8000

Mr. Dean Prat
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403
(707) 576-2801

5.0 SUBMITTAL SCHEDULE

A list is attached in Appendix B which lists all public participation activities that are anticipated to occur. In addition, the anticipated schedule for the release of important documents and pertinent information to the public is listed in the attached Appendix B.

6.0 REFERENCES

North Coast Regional Water Quality Control Board 2000. *Public Participation Plans, Regional Board Preparation and Implementation Guidelines, April 2000.*

Census of Population and Housing, 2000: Summary File 2. Prepared by the University of California

California Public Sector, Seventh Edition, Copyright ©2002, Public Sector Publications

EnviroNet Consulting 2003. *Results of the Interim Feasibility Study Remedial Investigation for Sierra Pacific Industries, Arcata Division Sawmills, Arcata, California,* dated January 30, 2003

ENVIRON's report titled "*Evaluation of the Results of Dioxin and Pentachlorophenol Testing of Commercial Oyster Beds in Humboldt Bay, California*", dated July 18, 2002 and in the report entitled "*Evaluation of the Results of Dioxin and Other Chemical Testing of Commercial Oyster Beds in Humboldt Bay, California*", dated February 11, 2003.

EnviroNet Consulting's Work Plan for Subsurface Investigation, dated February 27, 2001

EnviroNet Consulting's Work Plan for Subsurface Investigation, dated May 8, 2001

EnviroNet Consulting's Work Plan Addendum for Subsurface Investigation, dated June 5, 2001

EnviroNet Consulting's Report on Subsurface Investigation of the Wash Rack Stockpile Storage Area, dated October 16, 2001

EnviroNet Consulting's Work Plan for Subsurface Investigation, dated November 26, 2001

EnviroNet Consulting's Report of Recent Hydrogeologic Investigation, dated April 19, 2002

EnviroNet Consulting's Interim Feasibility Study to Remediate Chlorophenols in Soil and Groundwater, dated May 1, 2002

ENVIRON's Work Plan for Performing a Human Health and Ecological Risk Assessment, dated June 25, 2002

ENVIRON's Evaluation of the Results of Dioxin and Pentachlorophenol Testing of Commercial Oyster Beds in Humboldt Bay, California, dated July 18, 2002

ENVIRON's Sampling and Analysis Plan Chemical Testing of Surface Sediments at Nearshore Locations Along the Sierra Pacific Industries Facility in the Mad River Slough, Humboldt Bay, California, dated August 13, 2002

EnviroNet Consulting's Results of the Second Quarter 2002 Groundwater Monitoring and Sampling Event, Study of Tidal Influence on Groundwater, and Sensitive Site Receptor Survey, dated November 22, 2002

EnviroNet Consulting's Results of the 3rd Quarter 2002 Groundwater Monitoring and Sampling Event, dated November 25, 2002

ENVIRON's Revised Work Plan for Performing a Human Health and Ecological Risk Assessment, dated December 18, 2002

EnviroNet Consulting's Results of the Remedial Investigation, Volumes I and II, dated January 30, 2003

EnviroNet Consulting and Environ's Evaluation of the Results of Dioxin and Other Chemical Testing of Commercial Oyster Beds in Humboldt Bay, California from June and October 2002, dated February 11, 2003

ENVIRON's Bound Copy of the December 10, 2002 HRA/ERA Work Plan and the February 21, 2003 Sampling and Analysis Work Plan for October 2002 Sediment and Biota Sampling in the Mad River Slough and Arcata Bay, California, dated February 24, 2003

NCRWQCB
May 9, 2003
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EnviroNet Consulting's Coastal Development Permit Application No. 1-01-047; Sierra Pacific Industries – Arcata Mill Division for Drainage Improvements, dated August 27, 2002
EnviroNet Consulting's Biological Assessment Report, dated February 10, 2003

GLOSSARY

Cal/EPA California Environmental Protection Agency

PPP Public Participation Plan

RWQCB Regional Water Quality Control Board

APPENDIX LIST OF CONTENTS

APPENDIX A

Photo Plate 1:	Aerial Photograph of Subject Site and Vicinity
Photo Plate A:	Aerial Photo - Arcata Mill
Plate PPP:	Public Participation Plan Map
Plate 1:	Site Location Map
Plate 2A:	Site Plan - Boring and Monitoring Well Locations
Plate 2B:	Site Plan and Drainage

APPENDIX B

Schedule of Anticipated Public Participation Activities
Written Questionnaire

APPENDIX C

Mailing List

APPENDIX D

Fact Sheet

APPENDIX A



Aerial Photograph of Subject Site and Vicinity
 Sierra Pacific Industries
 2593 New Navy Base Road
 Arcata, California

PHOTO PLATE
1

Drawn by: MRO	File Name: M154.1 SSRS Aerial	Job Number: M154.1	Date: August 6, 2002
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NORTH



Aerial Photo - Arcata Mill

Sierra Pacific Industries
2593 New Navy Base Road
Arcata, California

PHOTO PLATE

A

Drawn by:
MRO

File Name:
M154.1 Aerial

Job Number:
M154.1

Date:
October 16, 2001

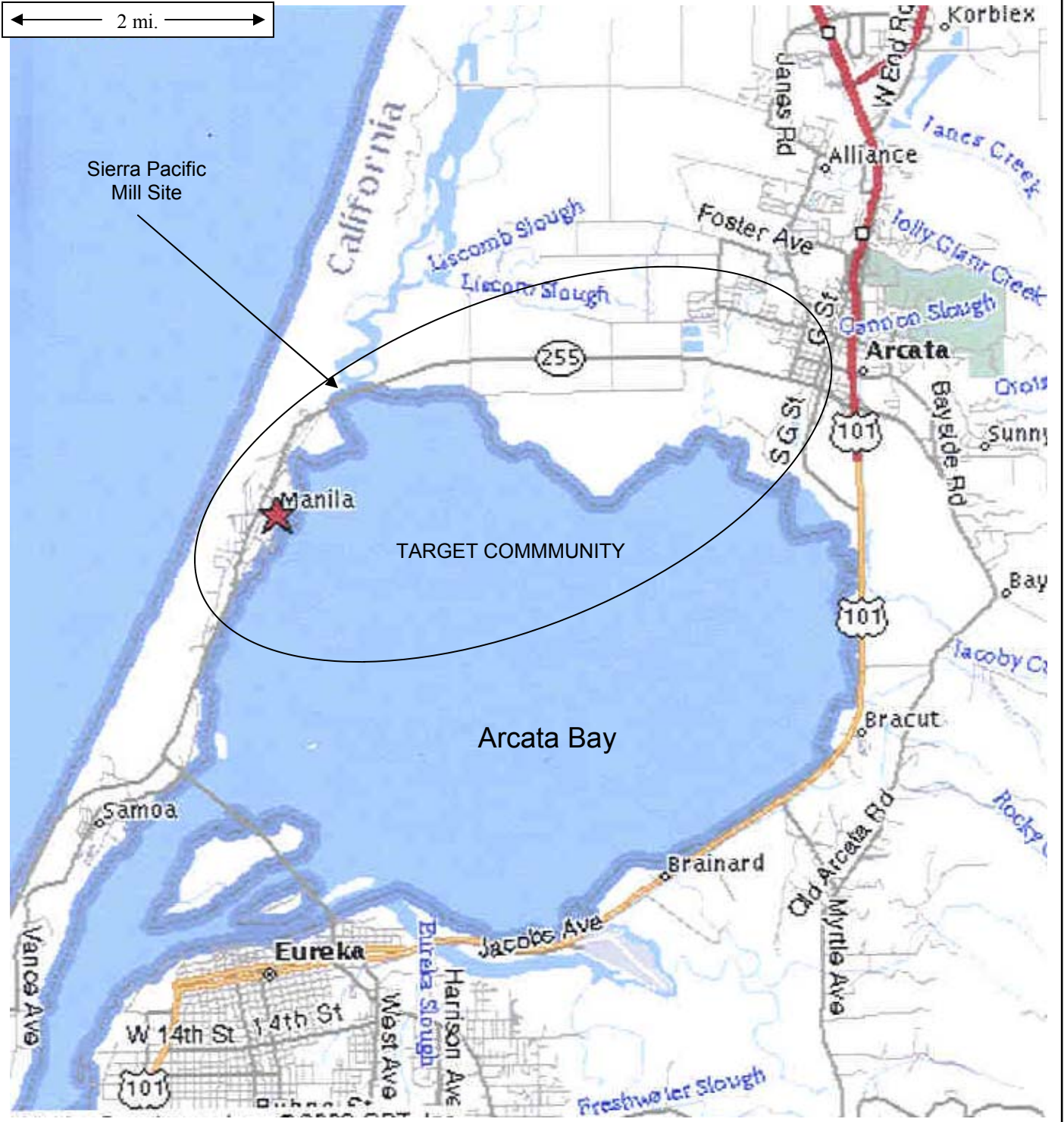
← 2 mi. →

Sierra Pacific Mill Site



TARGET COMMUNITY

Arcata Bay



NORTH



Public Participation Plan Map
Sierra Pacific Industries - Arcata Division Sawmill
2593 New Navy Base Road
Arcata, California

PLATE
PPP


Drawn by:
MRO

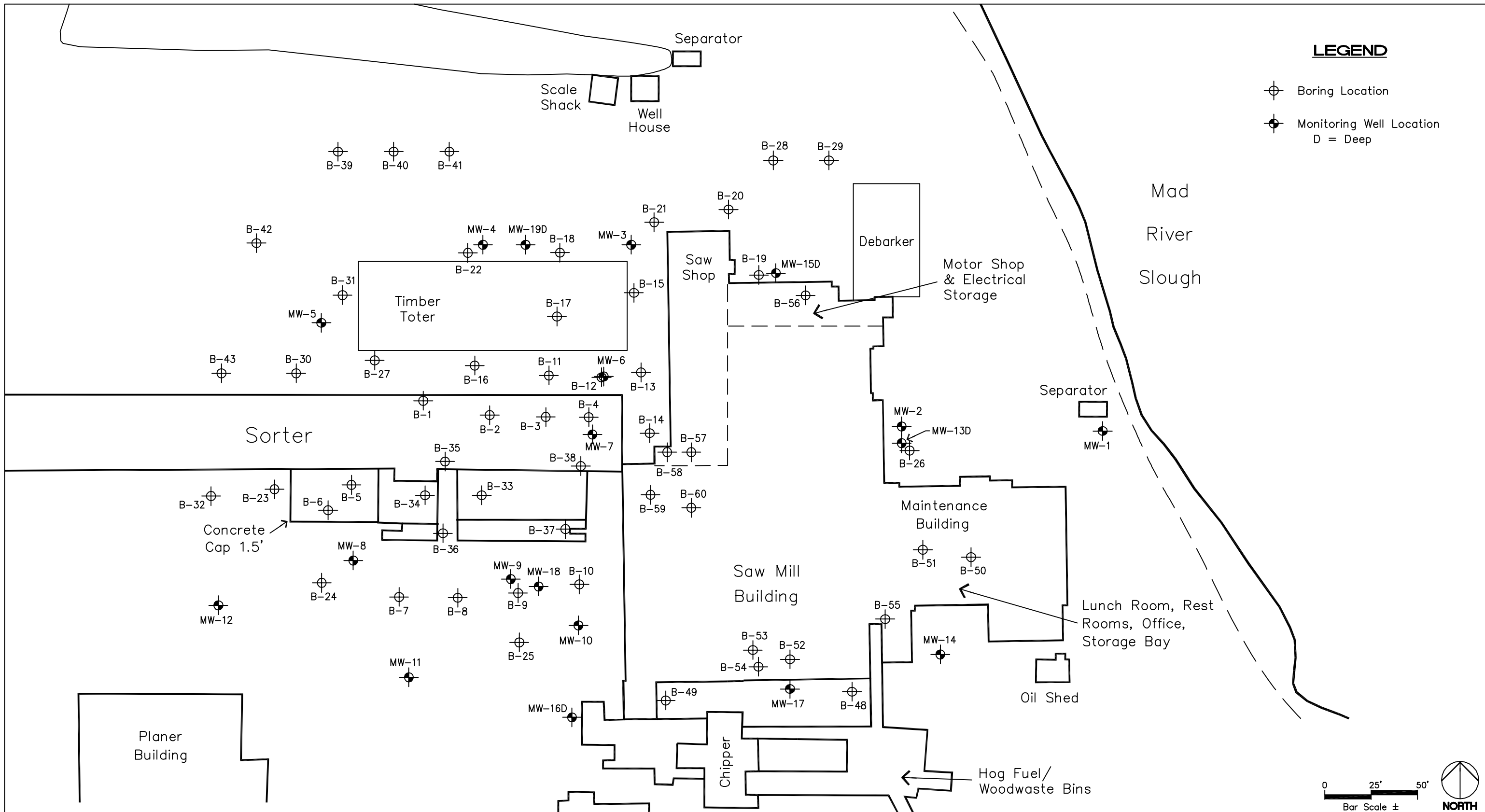
File Name:
M154.1_PPP

Job Number:
M154.1

Date:
March 13, 2003



		Site Location Map Sierra Pacific Industries - Arcata Mill 2593 New Navy Base Road Arcata, California		PLATE 1
Drawn by: MRO	File Name: M154.1 SiteLoc	Job Number: M154.1	Date: December 19, 2000	



LEGEND

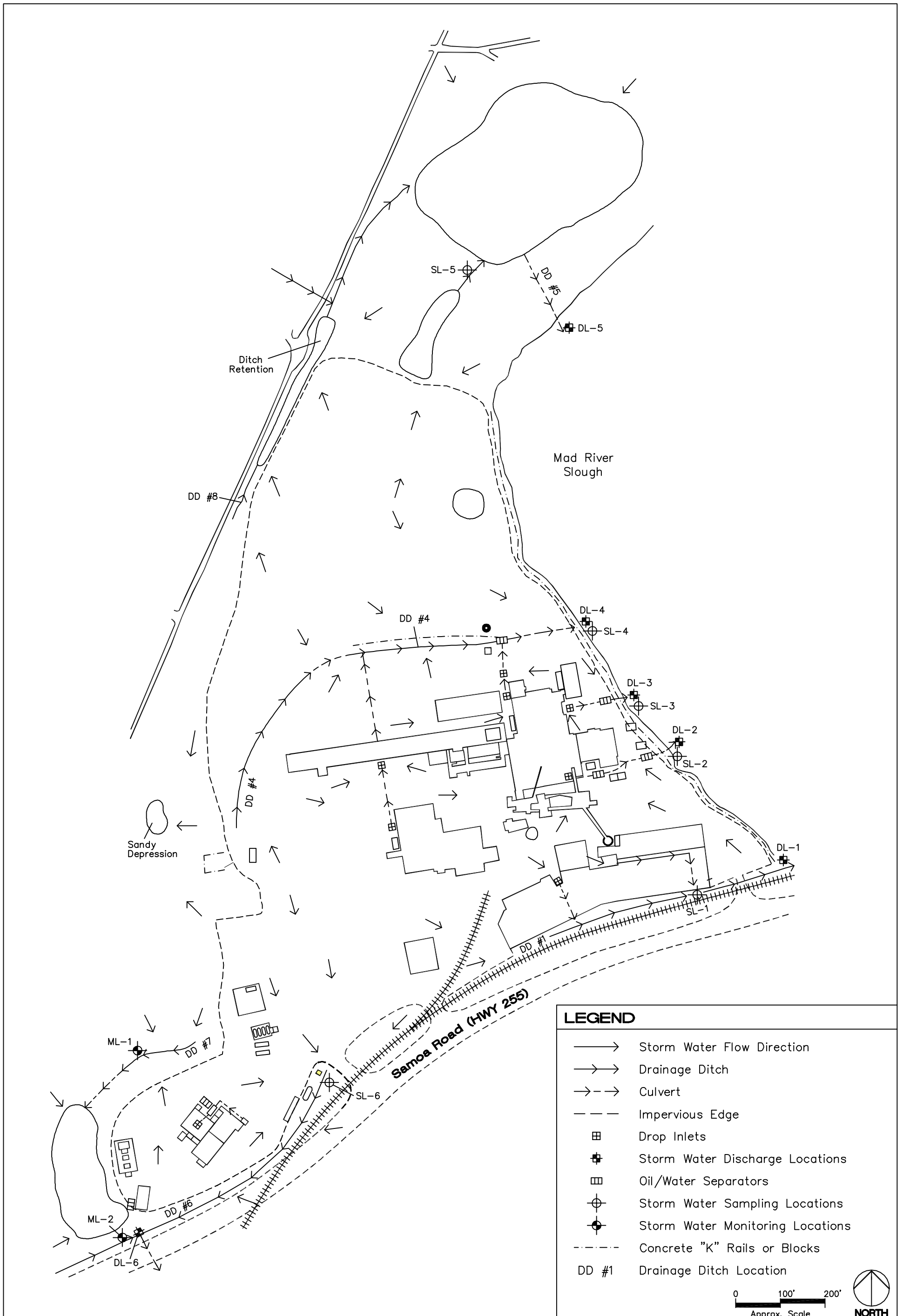
- ⊕ Boring Location
- ⊕ Monitoring Well Location
D = Deep




SITE PLAN
 Boring and Monitoring Well Locations
 Sierra Pacific Industries
 2293 Samoa Road
 Arcata, California

PLATE
2

DRAWN BY: ALP	DWG NAME: M1541-SP.3	APPROVED BY: GSJ	JOB NUMBER: M154.1	W.O. NUMBER: 2644rev	REVISIONS:	DATE: 11/26/02
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EnviroNet 

CONSULTING

DRAWN BY: **ALP** DWG NAME: M1541-SP.6 APPR. BY: DRW

SITE PLAN AND DRAINAGE

Sierra Pacific Industries - Arcata Division Sawmill
2293 Samoa Road
Arcata, California

JOB NUMBER: M154.1 W.O. NUMBER: 2749 REVISIONS:

PLATE
2B

DATE:
2/5/03

APPENDIX B

Schedule of Anticipated Public Participation Activities:

- Community meeting to be held at Manila Community Center (approximately late June or early July 2003)
- Press Release anticipated to be issued early June 2003
- Issuance of revised Fact Sheet based on regulatory comments to proposed remedial activities - schedule for issuance of additional Fact Sheets will be based on above items
- Additional community meetings as necessary based on public comments

Questionnaire:

History

1. How long have you lived or worked in this area?
2. Are you familiar with the SPI Facility?
 - a. Where have you received information about the SPI facility?
 - b. How and when did you first become aware of the SPI facility?

Concerns

1. Do you have any concerns about the SPI facility?

Involvement

1. Do you know about the history of community involvement around the SPI facility?
 - a. Have you been actively involved with this facility in any way?
 - b. Are you aware of any individuals or groups who have emerged as leaders on this issue?
 - c. Do you feel they adequately represent your concerns and/or interests?
2. Have you had any contact with local, state or other officials regarding the SPI facility?
 - a. If so, what was the nature of this contact?

Media

1. Have you seen any media coverage about the SPI facility?
2. If yes, do you feel this coverage has presented an accurate picture of the situation?
3. Do you feel your concerns have been adequately reflected in the media?
4. Do you listen to news on the radio?
5. What television or radio stations do you rely on for the news?
6. What newspaper do you take?

Meetings

1. Where would you like to have the community meeting held?
2. Who would you like to be present at the meeting?
3. Who would you like to chair the meeting?
4. When would you like to meeting to be held?
5. What items would you like to be on the meeting agenda?
6. What other tools would you like to be made available to you to express any concerns and/or comments?

Level of Confidence

1. Do you have confidence in the State's ability to adequately oversee the cleanup of the SPI facility?

APPENDIX C

Mailing List:

Mr. Bob Ellery
Sierra Pacific Industries
P.O. Box 496011, Redding, California 96049-6011

Mr. Mark Lathrop
Sierra Pacific Industries
P.O. Box 496028, Redding, California 96049-6028

Mr. Dean Prat
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A, Santa Rosa, CA 95403

Mr. Eric Spiess
State of California Water Resources Control Board
100 I Street, Sacramento, CA 95812

Manila Community Services District
1901 Park Street, Manila, CA 95521

Manila Dunes Community Center
1611 Peninsula Drive, Manila, CA 95521

Mr. Paul Gallegos
Humboldt County District Attorney
825 5th Street, Eureka, CA 95501

Mr. Jim Clark
Humboldt County Department of Health and Human Services
Division of Environmental Health
100 H Street, Eureka, CA 95501

Mr. John Woolley
Humboldt County District III Supervisor
825 5th Street, Eureka, CA 95501

Ms. Bonnie Neely
Humboldt County District IV Supervisor
825 5th Street, Eureka, CA 95501

Mr. Bob Ornelas
City of Arcata, Mayor
736 F Street, Arcata, CA 95521

Assemblyperson
Wes Chesbro
736 F Street, Arcata, CA 95521

Mr. Ryan Mia
California Department of Toxic Control
700 Heinz Ave., Suite 200, Berkeley, CA 94710

Mr. Glenn Takeoka, Chief
Environmental Health Services Section
Department of Health Services
P. O. Box 942732, Sacramento, CA 94234

Mr. John McKeown
P.O. Box 549, Bayside, CA 95524

Mr. Jon Wilcox
CA Dept. of Fish and Game
P.O. Box 235, Arcata, CA 95518

Ms. Vicki Frey
CA Dept. of Fish and Game
619 2nd Street, Eureka, CA 95501

Ms. Deborah Johnson
CA Dept. of Fish and Game, Marine Region
20 Lower Ragsdale Drive, Suite 100, Monterey, CA 93940

Ms. Jane Vorpagel
CA Dept. of Fish and Game
601 Locust Street, Redding, CA 96001

Mr. Paul Hagen
Humboldt County District Attorney's Office
825 5th Street, Eureka, CA 95501

Mr. Michael Hernandez
Chief, Seafood Safety Unit
California Food and Drug Branch, P.O. Box 942732, Sacramento, CA 94234

Mr. Rolf Frankenbach
Dept. of Health Services
2151 Berkeley Way, Room 118, Berkeley, CA 94704

Mr. Ray Tom
Dept. of Health Services
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Mr. Robert Brodberg
Office of Environmental Health Hazard Assessment
P.O. Box 4010, Sacramento, CA 95812

Ms. Tiffany Tauber
California Coastal Commission
710 E. Street, Suite 200, Eureka, CA 95501

Mr. Fred Evenson and Ms. Sharon Duggan
424 First Street, Eureka, CA 95501

Ms. Patty Clary
C.A.T.S., 315 P Street, Eureka, CA 95501

Mr. Steve Bond
P.O. Box 7023, Santa Cruz, CA 95061

Ms. Teri Ashby
Department of Justice, Office of the Attorney General
1300 I Street, P.O. Box 944255, Sacramento, CA 94244

Ms. Linda Mackey
EnviroNet Consulting
3645 Westwind Boulevard, Santa Rosa, CA 95403

Mr. Scott Steever, Lanahan & Reilley LLP
3558 Round Barn Blvd., Suite 300
Santa Rosa, California 95403

Mr. David Dun
Dun & Martinek
2313 I Street, Eureka, CA 95501

Mr. Orrin Plocher
MFG Consulting Scientists and Engineers, 1165 G. Street, Arcata, CA 95521-5817

APPENDIX D

Sierra Pacific Industries Arcata Division Sawmill 2593 New Navy Base Road, Arcata, California Environmental Activities Update

June 2003

INTRODUCTION

This fact sheet has been prepared to inform interested community members about recent environmental activities at Sierra Pacific Industries (SPI) Arcata Division Sawmill, located at 2593 New Navy Base Road, Arcata, California (Facility).

Environmental activities conducted at the SPI Facility are being supervised by the California Regional Water Quality Control Board, North Coast Region (NCRWQCB).

SITE HISTORY

The site was undeveloped land, consisting of sand dunes and mud flats, until approximately 1950 when it was converted into a lumber mill by SPI. Site conversion included filling in portions of the Mad River Slough on the eastern, northern, and southern sides of the site. SPI began operations at this facility before these areas were completely filled in. Filling of portions of the Mad River Slough and expansion of the mill site continued into the early 1970s. The site has been an active mill from 1950 to the present day.

Some of the lumber was treated with anti-stain/anti-fungus solutions as a special product line. Use of pentachlorophenol (PCP) and tetrachlorophenol (TCP) containing anti-stain/anti fungus solutions began at the site in the early to mid-1960s and was discontinued in September 1987.

Used oil from equipment maintenance activities was stored in an underground storage tank at the site until the 1970s.

On October 31, 2001, a Cleanup and Abatement Order was issued to SPI by the NCRWQCB.

RECENT ENVIRONMENTAL ACTIVITIES

Numerous soil and groundwater investigations have been conducted at the site and are on-going. In addition, the used oil underground storage tank and petroleum hydrocarbon impacted soil has been removed. Testing results indicated that the soil and groundwater at some areas of the site are impacted with PCP, TCP, dioxins, furans, and petroleum hydrocarbons.

In June 2002, a sensitive site receptor survey and a study of tidal influence on groundwater were conducted for the site. Results of these investigations indicated that the closest residential community is approximately 500 feet from the site boundary; no water supply wells are known to exist within 1,000 feet of the site; one water supply well used exclusively for dust control and log deck sprinkling is located on the site; and no significant tidal effect on groundwater movement is anticipated within the zone impacted by PCP at the site. Detailed information is presented in reports entitled "Results of the 2nd Quarter 2002 Groundwater Monitoring and Sampling Event, Study of Tidal Influence on Groundwater, and Sensitive Site Receptor Survey (Revised)" dated November 22, 2002 and Results of the Remedial Investigation for Sierra Pacific Industries – Arcata", dated January 30, 2003, prepared by Pacific Northwest EnviroNet Group, Inc. (EnviroNet Consulting (EnviroNet)) in Santa Rosa, California.

In addition, in June 2002 and October 2002 a preliminary assessment of dioxins and PCP in commercial oyster beds in Arcata/Humboldt Bay was performed. The results of the assessment can be found in reports entitled, "Evaluation of the Results of Dioxin and Pentachlorophenol Testing of Commercial Oyster Beds in Humboldt Bay, California," dated July 18, 2002 (Environ International Corporation (ENVIRON)) and in "Evaluation of the Results of Dioxin and Other Chemical Testing of Commercial Oyster Beds In Humboldt Bay, CA from June and October, 2002", dated February 11, 2003 (EnviroNet and ENVIRON). In October 2002, tissue, infauna assessment, and sediment toxicity and bioaccumulation sampling were initiated. In October 2002, sediment samples were collected from the Mad River Slough, and Arcata and Eureka Bay areas. The tissue, infauna and sediment data collected will be used to implement ENVIRON's Revised Work Plan for Performing a Human Health and Ecological Risk Assessment at the Sierra-Pacific Industries, Arcata Division Sawmill, Arcata, California, dated December 18, 2002 and ENVIRON's Sampling and Analysis Work Plan for October 2002 Sediment and Biota Sampling in the Mad River Slough and Arcata Bay, California, dated February 21, 2003.

UPCOMING SITE ACTIVITIES

Remedial alternatives utilizing some of the prevalent technologies to treat soil and groundwater impacted by chlorophenols are presented in the Interim Feasibility Study. Further evaluation of these and other applicable technologies is under way. Additional investigation of potential soil and groundwater impacts of petroleum hydrocarbons in the vicinity of the former used oil underground storage tank is also underway. A Final Feasibility Study will be prepared based on the results of these studies.

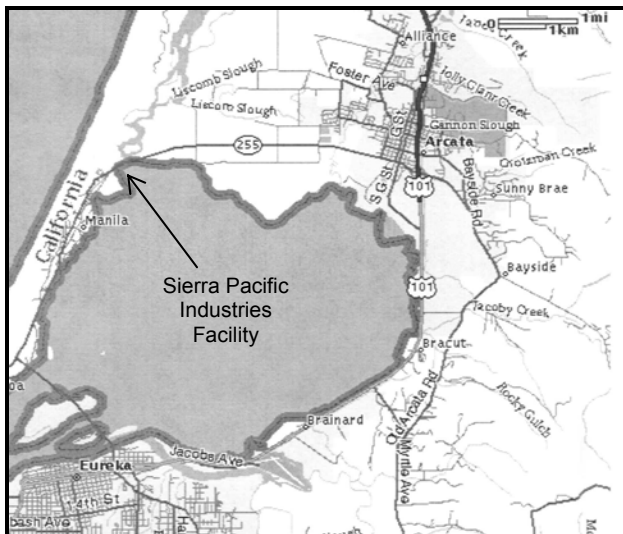
Based on the Final Feasibility Study, a proposed Remedial Alternative will be selected. Upon receipt of approval of this selected Remedial Alternative, a Remedial Action Plan will be submitted.

PUBLIC PARTICIPATION PLAN

A Workplan for a Public Participation Plan was submitted in January 2003 to the NCRWQCB and a draft Public Participation Plan (PPP) was submitted on May 14, 2003. The NCRWQCB provided approval of the PPP in a letter dated May 23, 2003. The PPP solicits community interest in site activities and identifies methods to keep the community involved and informed throughout the site investigation and cleanup process.

INFORMATION REPOSITORY

The PPP and copies of technical decision-making documents for the site will be available for public review at the Humboldt County Department of Health and Human Services – Division of Environmental Health, City of Arcata Library, and the NCRWQCB. The PPP and relevant technical decision-making documents can be reviewed at the following locations:



Humboldt County Department of Health and Human Services

-Division of Environmental Health

100 H Street, Suite 100
Eureka, California

Business Hours:

Monday	8:30am - 12:00pm & 1:00pm - 5:00pm
Tuesday	8:30am - 12:00pm & 1:00pm - 5:00pm
Wednesday	8:30am - 12:00pm & 1:00pm - 5:00pm
Thursday	8:30am - 12:00pm & 1:00pm - 5:00pm
Friday	8:30am - 12:00pm & 1:00pm - 5:00pm

City of Arcata Library

500 7th Street
Arcata, California

Business Hours:

Monday	Closed
Tuesday	2pm - 5pm
Wednesday	1pm - 8pm
Thursday	10am - 5pm
Friday	10am - 5pm
Saturday	10am - 5pm
Sunday	Closed

California Regional Water Quality Control Board - North Coast Region

5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Business hours:

Monday	1:30am - 4:30pm
Tuesday	8:30am - 11:30am & 1:30pm - 4:30pm
Wednesday	8:30am - 11:30am & 1:30pm - 4:30pm
Thursday	8:30am - 11:30am & 1:30pm - 4:30pm
Friday	8:30am - 11:30am

Information is also available at:

www.swrcb.ca.gov/rwqcb1/geninfo/sp/sierrapac.html

FOR MORE INFORMATION

If you would like to discuss the recent environmental activities at the SPI facility with someone, please contact:

Dean Prat
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403
(707) 576-2801

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Revised – 06/18/03