
NPDES Self-Monitoring Annual Summary Report for Year 2003

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

Prepared for:

Sierra Pacific Industries

February 24, 2004

Project No. 9329, Task 18

Geomatrix Consultants

February 24, 2003
Project 9329, Task 18

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

Attention: Dean Prat

Subject: NPDES Self-Monitoring Annual Summary Report for Year 2003
Sierra Pacific Industries
Arcata Division Sawmill
2593 New Navy Base Road
Arcata, California

Dear Mr. Prat:

As requested by Sierra Pacific Industries, we have enclosed a copy of the subject report prepared on behalf of Sierra Pacific Industry Industries

Sincerely yours,
GEOMATRIX CONSULTANTS, INC.



Ross Steenson, C.HG.
Senior Hydrogeologist



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

RAS/EPC/abr
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Enclosure

cc: Bob Ellery, Sierra Pacific Industries (with enclosure)
Gordie Amos, Sierra Pacific Industries (with enclosure)
David Dun, Dun and Martinek, LLP (with enclosure)
Fred Evenson, Law Offices of Frederic Evenson (with enclosure)
Jim Lamport, Ecological Rights Foundation (with enclosure)
U.S. Environmental Protection Agency, Region 9, Attn: WTR-7, NPDES/DMR



NPDES Self-Monitoring Annual Summary Report for Year 2003

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

Prepared for:

Sierra Pacific Industries

Prepared by:

Geomatrix Consultants, Inc.
2101 Webster Street, 12th Floor
Oakland, California 94612
(510) 663-4100

February 24, 2004

Project No. 9329, Task 18

Geomatrix Consultants



**NPDES SELF-MONITORING ANNUAL
SUMMARY REPORT FOR YEAR 2003**

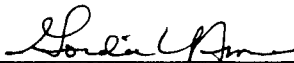
Sierra Pacific Industries
Arcata Division Sawmill
2593 New Navy Base Road
Arcata, California

February 24, 2004
Project No. 9329.000, Task 18

I am duly authorized to sign reports required by the Monitoring and Reporting Program (MRP) Order No. R1-2002-0042 for Sierra Pacific Industries—Arcata Division Sawmill. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Gordie Amos

Title: Plant Manager

Signature: 

Date: 2/25/04

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NPDES SELF-MONITORING ANNUAL SUMMARY REPORT FOR YEAR 2003

Sierra Pacific Industries, Inc
Arcata Division Sawmill
Arcata, California

1.0 INTRODUCTION

This report presents the Annual Summary of National Pollution Discharge Elimination System (NPDES) monitoring activities performed in calendar year 2003 at the Sierra Pacific Industries (SPI), Arcata Division Sawmill located in Arcata, California (Figure 1). Geomatrix Consultants, Inc. (Geomatrix), has prepared this report on behalf of SPI in accordance with Order No. R1-2002-0042, NPDES Permit No. CA 0024520, Waste Discharge Requirements for Sierra Pacific Industries, Arcata Division Sawmill, adopted by the California Regional Water Quality Control Board (RWQCB) on August 22, 2002. No effluent discharges were made from log deck sprinkle water during 2003. Based on current site activities to meet NPDES requirements, SPI is operating in compliance with the General NPDES permit effluent limitations.

RWQCB Order No. R1-2002-0042 (General NPDES Permit) was issued to SPI for wastewater generated from sprinkle water runoff from the log deck area that flows to the vegetated pond (receiving water) that drains to the Mad River Slough. SPI received authorization to operate under the General NPDES Permit in a letter from Ms. Susan A. Warner of the RWQCB dated August 26, 2002. The General NPDES Permit requires the submittal of monthly reports and an annual report that summarize data and observations collected at the site; and that provide a compliance evaluation summary. To comply with the reporting requirements of the NPDES permit this report contains the following information:

- a summary of the daily observation activities performed during calendar year 2003 (January 1, 2003 through December 31, 2003);
- sampling and analysis summary and data for log deck water discharge sprinkle water, the vegetated pond, and monitoring wells in the vicinity of the log deck area; and including a list of approved laboratory analyses; and,
- a compliance evaluation summary.

2.0 SUMMARY OF DAILY OBSERVATION ACTIVITIES

During 2003, the log deck area was observed daily for discharge of log deck sprinkle water to the vegetated pond (the receiving water; Feature No. 42 on Figure 2). Observations for

discharge were made at Drainage Ditch #8, which is located on the west side of the log deck area (Figure 2), because a log deck pond has not yet been constructed. Observations of the receiving water were made at the vegetated pond.

No discharge of log deck sprinkle water was observed, and, therefore, no sampling was performed.

Currently, the earthen dam in Drainage Ditch #8 and the limited water sprinkling of the log deck effectively prevent discharge to the vegetated pond.

Copies of the 2003 daily observation forms for the log deck discharge and the vegetated pond receiving water are included in Appendix A and B, respectively.

3.0 SAMPLING AND ANALYSIS SUMMARY

Table 1 presents the sampling and analysis program required under the NPDES permit. Samples are to be collected of log deck runoff water, groundwater (from wells around the log deck pond), and the receiving water.

Because there was no discharge of log deck sprinkle water during 2003, no sampling of log deck sprinkle water discharge water or the receiving water were performed. No groundwater was sampled because the log deck pond and associated wells have not yet been constructed. Nevertheless, SPI was prepared for sampling in the event that a discharge was observed. In such a case, the laboratory analytical data would be reviewed to assess data quality, and the results tabulated in this report.

4.0 COMPLIANCE EVALUATION SUMMARY

Monthly compliance reports have been submitted by SPI to the RWQCB. No effluent discharges were made from the log deck during 2003. Based on current site activities to meet NPDES requirements, SPI is operating in compliance with the General NPDES permit effluent limitations.

TABLE

**TABLE 1
FREQUENCY AND ANALYTICAL INFORMATION FOR
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM SAMPLING**

Sierra Pacific Industries, Inc.
Arcata Division Sawmill
Arcata, California

Constituent	Units	Frequency ¹	Analytical Method	Container/Preservative	Hold Time	Reporting Limit
Log Deck Pond Effluent Sampling Requirements						
Temperature	°F	W	Field Measurement	-	-	-
pH	-	W	Field Measurement	-	-	-
Dissolved Oxygen	mg/L	W	Field Measurement	-	-	-
Total suspended solids	mg/L	W	EPA 160.2	2 - half gallon plastic/unpreserved	7 days	1.0 mg/L
Volatile suspended solids	mg/L	W	EPA 160.4	2 - half gallon plastic/unpreserved	7 days	1.0 mg/L
Settleable Solids	mL/L/hr	W	EPA 160.5	2 - half gallon plastic/unpreserved	48 hours	0.1 mg/L
Color	Color Units	W	Field Measurement	-	-	-
Turbidity	NTU	W	Field Measurement	-	-	-
Pentachlorophenol	mg/L	2M	Canadian Pulp	1 - 125 ml amber glass/unpreserved	7 days	1.0 ug/L
Tetrachlorophenol	mg/L	2M	Canadian Pulp	1 - 125 ml amber glass/unpreserved	7 days	1.0 ug/L
Oil and Grease		2M	EPA 1664	1 - one liter amber glass/sulfuric acid	28 days	5.0 mg/L
Total petroleum hydrocarbons as motor oil	mg/L	2M	EPA 8015 DRO	1 - one liter amber glass/unpreserved	14 days	50 ug/L
Total petroleum hydrocarbons as diesel	mg/L	2M	EPA 8015 DRO	1 - one liter amber glass/unpreserved	14 days	100 ug/L
Total petroleum hydrocarbons as gasoline	mg/L	2M	EPA 8015 GRO	3 - 40 ml VOA vials/hydrochloric acid	14 days	50 ug/L
Total Metals (Cadmium, Chromium, Copper, Nickel, Lead, Zinc)	mg/L	M	EPA 6010	1 - one pint plastic/nitric acid	6 months	see below ³
Visual monitoring ²	-	D	-	-	-	-
Acute toxicity	% Survival	M	EPA 600-4-90-027F	1 - 2.5 gallon plastic jug	24 hours	-
Chronic Toxicity	% Survival	Y	EPA 021/R-02/013	1 - five gallon plastic jug on day 0, 3, 5	24 hours	-
Receiving Water Sampling Requirements						
Temperature	°F	W	Field Measurement	-	-	-
pH	-	W	Field Measurement	-	-	-
Color	Color Units	W	Field Measurement	-	-	-
Turbidity	NTU	W	Field Measurement	-	-	-
Dissolved oxygen	mg/L	W	Field Measurement	-	-	-
Visual monitoring ²	-	D	-	-	-	-
Groundwater Monitoring Sampling Requirements						
pH	-	Q	Field Measurement	-	-	-
Tannins and Lignins	mg/L	Q	SM425.1	2 - half gallon plastic/unpreserved	n/a	0.1 mg/L
Chemical oxygen demand	mg/L	Q	SM410.2	1 - one pint plastic/sulfuric acid	28 days	10 mg/L
Total dissolved solids	mg/L	Q	EPA 160.1	2 - half gallon plastic/unpreserved	7 days	10 mg/L
Color	Color Units	Q	Field Measurement	-	-	-

Notes:

- ¹ W = weekly
2M = twice monthly
M = monthly
D = daily
Q = quarterly

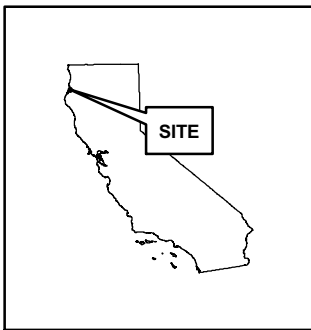
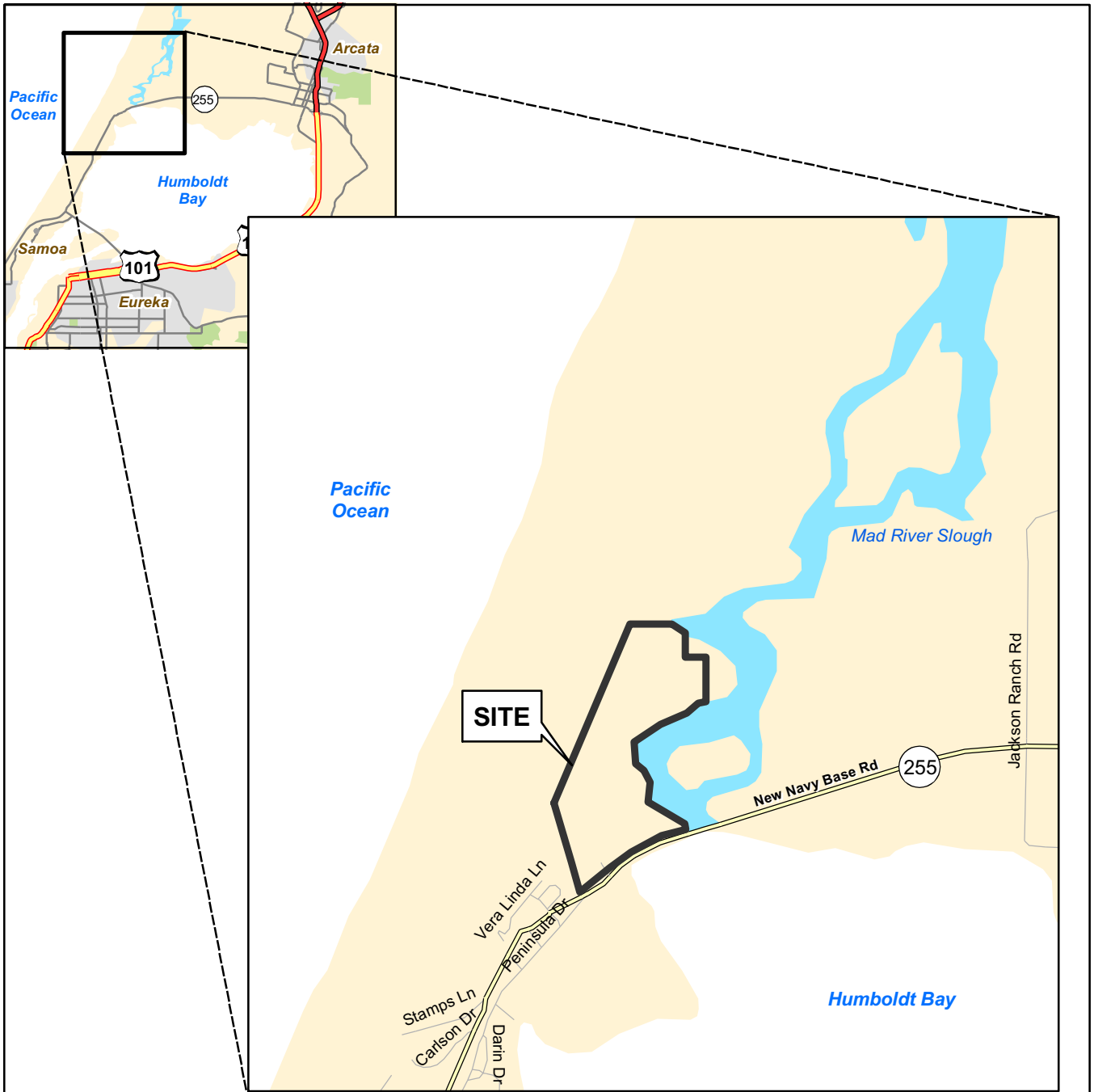
- ² Visual Monitoring includes daily observation of the log deck pond and weekly observations of the log deck discharge, or during the first hour of discharge when discharge are less frequent than weekly. Visual observations shall document floating or suspended material, oil and grease, discoloration, turbidity, odor, and source of any pollutants. Documentation shall be submitted as part of the monthly monitoring report.

- ³ Reporting Limits for metals:
Cadmium - 0.01 mg/L
Chromium - 0.05 mg/L
Copper - 0.1 mg/L
Nickel - 0.1 mg/L
Lead - 0.05 mg/L
Zinc - 0.1 mg/L

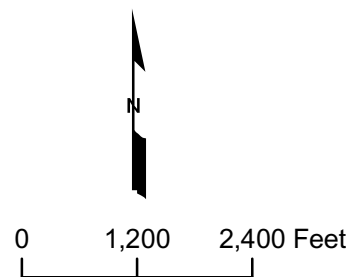
Abbreviations:

- % Survival = percent survival
°F = degree Fahrenheit
µg/L = micrograms per liter
L = liter
mg/L = milligrams per liter
ml = milliliter
mL/L/hr = milliliters per liter per hour
n/a = not applicable
NTU = nephelometric turbidity unit(s)
VOA = volatile organic analysis

FIGURES



California



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SITE LOCATION MAP
 Sierra Pacific Industries
 Arcata Division Sawmill
 Arcata, California

Project No.
 9329

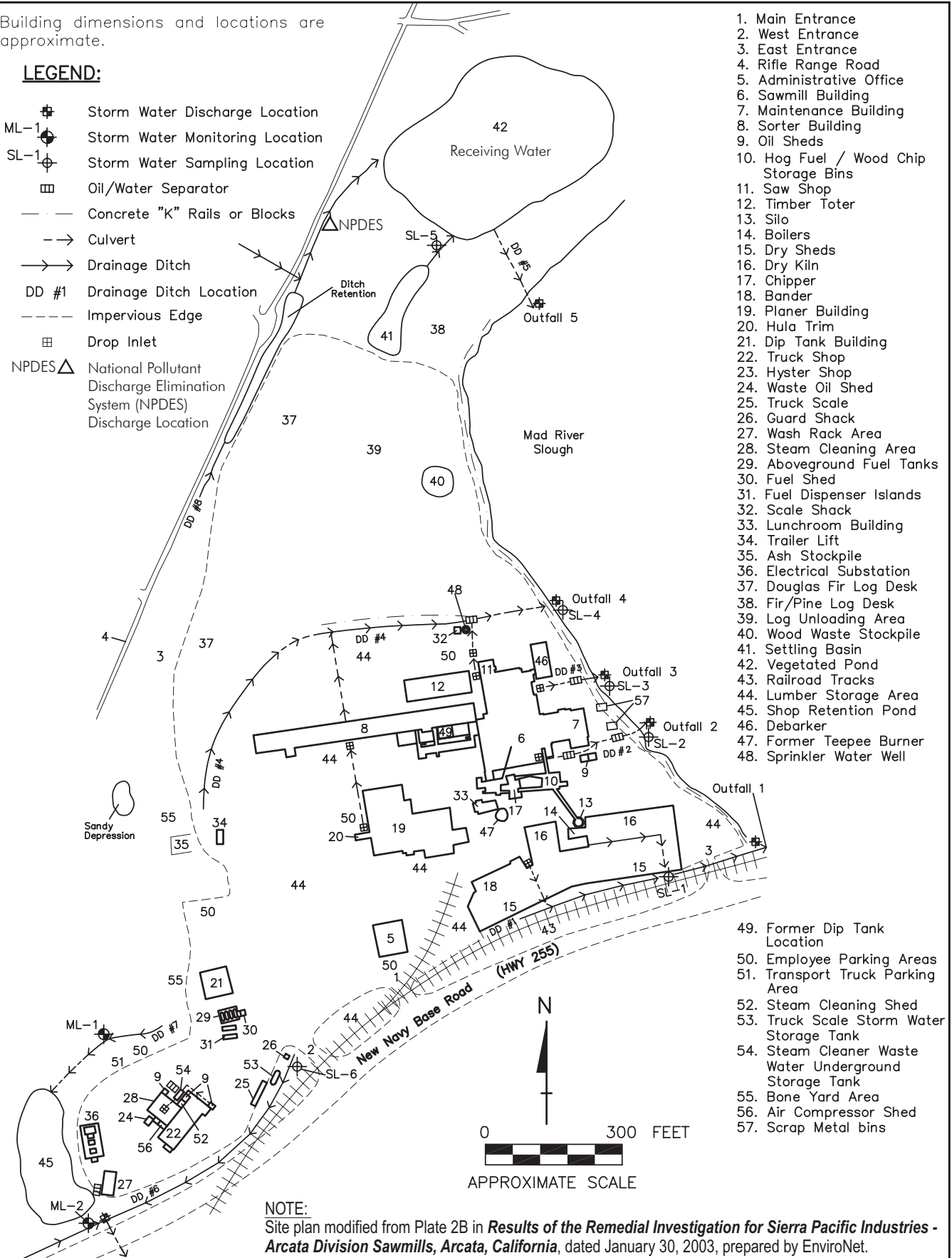
Figure No.
 1

Building dimensions and locations are approximate.

LEGEND:

- ⊕ Storm Water Discharge Location
- ML-1 ⊕ Storm Water Monitoring Location
- SL-1 ⊕ Storm Water Sampling Location
- ▣ Oil/Water Separator
- Concrete "K" Rails or Blocks
- - -> Culvert
- - -> Drainage Ditch
- DD #1 Drainage Ditch Location
- - - Impervious Edge
- ⊕ Drop Inlet
- NPDES Δ National Pollutant Discharge Elimination System (NPDES) Discharge Location

1. Main Entrance
2. West Entrance
3. East Entrance
4. Rifle Range Road
5. Administrative Office
6. Sawmill Building
7. Maintenance Building
8. Sorter Building
9. Oil Sheds
10. Hog Fuel / Wood Chip Storage Bins
11. Saw Shop
12. Timber Toter
13. Silo
14. Boilers
15. Dry Sheds
16. Dry Kiln
17. Chipper
18. Bander
19. Planer Building
20. Hula Trim
21. Dip Tank Building
22. Truck Shop
23. Hyster Shop
24. Waste Oil Shed
25. Truck Scale
26. Guard Shack
27. Wash Rack Area
28. Steam Cleaning Area
29. Aboveground Fuel Tanks
30. Fuel Shed
31. Fuel Dispenser Islands
32. Scale Shack
33. Lunchroom Building
34. Trailer Lift
35. Ash Stockpile
36. Electrical Substation
37. Douglas Fir Log Desk
38. Fir/Pine Log Desk
39. Log Unloading Area
40. Wood Waste Stockpile
41. Settling Basin
42. Vegetated Pond
43. Railroad Tracks
44. Lumber Storage Area
45. Shop Retention Pond
46. Debarker
47. Former Teepee Burner
48. Sprinkler Water Well



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SITE PLAN
Sierra Pacific Industries
Arcata Division Sawmill
Arcata, California

Project No. 9329
Figure 2

APPENDIX A

Daily Observation— Log Deck Pond Discharge

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
1/2/03	1415	J. Chancey	Showers	N	Tannic colored , clear, some bark on south end, mid level		N
1/3/03	1315	J. Chancey	Showers	N	Tannic colored , clear, some bark on south end, mid level		N
1/4/03	1115	J. Chancey	Rain	N	Dark Tannic color, visibility 1', bark on south end, mid level volume		N
1/6/03	1415	J. Chancey	Dry	N	Dark Tannic color, visibility 1', bark on south end, mid level volume		N
1/7/03	1315	J. Chancey	Dry	N	Dark Tannic color, visibility 18", bark on south end, mid level volume		N
1/8/03	1115	J. Chancey	Dry	N	Dark Tannic color, visibility 18", bark on south end, < mid level volume		N
1/9/03	1615	J. Chancey	Showers	N	Dark Tannic color, visibility 18", bark on south end, < mid level volume		N
1/10/03	1545	J. Chancey	Showers	N	Dark Tannic color, visibility 18", bark on south end, < mid level volume		N
1/13/03	1315	J. Chancey	Rain	N	Dark Tannic color, visibility 12", bark on south end, mid level volume		N
1/14/03	1045	J. Chancey	Rain A.M.	N	Murky brown color, 6-8" visibility, ¼ full volume		N
1/15/03	1145	J. Chancey	No Rain	N	Brown color water 4-6" visibility, ¼ full volume		N
1/16/03	1330	J. Chancey	No Rain	N	Brown color water 4-6" visibility, ¼ full volume		N
1/17/03	1330	J. Chancey	No Rain	N	Brown color water 4-6" visibility, >1/2 full volume		N
1/20/03	1315	J. Chancey	No Rain	N	Brown color water 6" visibility <1/2 full volume		N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	W1/27/03 eather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
1/21/03	1330	J. Chancey	Rain AM	N	Dark Brown color. 4-6" visibility 1/3 full.		N
1/22/03	1330	J. Chancey	No Rain	N	Dark Brown color. 4-6" visibility 1/3 full.		N
1/23/03	1445	J. Chancey	Showers	N	Dark Brown color. 4-6" visibility 1/3 full.		N
1/24/03	1345	J. Chancey	Rain	N	Dark Brown color. 4-6" visibility >1/3 full.		N
1/27/03	1330	J. Chancey	Hvy Rain A.M.	N	Dark Brown color. 4" visibility >1/2 full.		N
1/28/03	1430	J. Chancey	No Rain	N	Dark Brown color. 4" visibility 1/2 full.		N
1/29/03	1345	J. Chancey	No Rain	N	Dark Brown color. 6" visibility 3/4 full.		N
1/30/03	1415	J. Chancey	Rain A.M.	N	Dark Brown color. 6" visibility 3/4 full.		N
1/31/03	1430	J. Chancey	Drizzle	N	Dark Brown color. 6" visibility 3/4 full.		N

Notes: _____

SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
2/11/03	1045	J. Chancey	No Rain	N	Brown color 12" visibility, <1/2 full		N
2/12/03	1015	J. Chancey	No Rain	N	Brown color 12" visibility, 1/2 full		N
2/13/03	0845	J. Chancey	Rain	N	Dark tea color 14" visibility, 1/2 full		N
2/14/03	1130	J. Chancey	No Rain	N	Dark tea color 14" to 16" visibility, 1/2 full		N
2/17/03	1330	J. Chancey	No Rain	N	Brown colored water 6" visibility, 1/2 full		N
2/18/03	1015	J. Chancey	Drizzle	N	Brown colored water 6" visibility, 1/2 full		N
2/19/03	1415	J. Chancey	Rain	N	Brown colored water 6" visibility, 1/2 full		N
2/20/03	0945	J. Chancey	No Rain	N	Brown colored water 4" visibility, >1/2 full		N
2/21/03	0915	G. Amos	No Rain	N	Brown colored water 6" visibility, 1/2 full		N
2/24/03	0945	G. Amos	No Rain	N	Brown colored water 6" visibility, 1/2 full		N
2/25/03	0945	G. Amos	No Rain	N	Brown colored water 8" visibility, <1/2 full		N
2/26/03	0915	G. Amos	No Rain	N	Brown colored water 8" visibility, 1/2 full		N
2/27/03	0845	G. Amos	No Rain	N	Brown colored water 12" visibility, <1/2 full		N
2/28/03	1030	J. Chancey	No Rain	N	Brown colored water 12" visibility, <1/2 full		N

Notes: _____

SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain
 Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other
 Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
3/4/03	1100	J. Chancey	No Rain	N	Dark Tea color, 14" visibility, < ¼ full		N
3/5/03	1400	J. Chancey	No Rain	N	Dark Tea color, 14" visibility, < ¼ full		N
3/6/03	1315	J. Chancey	No Rain	N	Dark Tea color, 14" visibility, < ¼ full		N
3/7/03	1030	J. Chancey	Drizzle	N	Dark Tea color, 14" visibility, < ¼ full		N
3/10/03	1345	J. Chancey	Rain AM	N	Dark tea color 14" visibility, < ¼ full		N
3/11/03	1345	J. Chancey	Rain AM	N	Dark tea color 14" visibility, 1/8 full		N
3/12/03	0930	J. Chancey	No Rain	N	Dark tea color 14" visibility, 1/8 full		N
3/13/03	1030	J. Chancey	Rain	N	Dark tea color 12" visibility, ¼ full		N
3/14/03	0930	J. Chancey	Showers	N	Brown color water, 4" visibility < ¼ full		N
3/17/03	0930	J. Chancey	Rain AM	N	Brown Colored water, 2" visibility, > 1/4 full		N
3/18/03	1430	J. Chancey	No Rain	N	Brown color, 6" visibility, ¼ full		N
3/19/03	1315	J. Chancey	Rain	N	Brown Color 6" visibility ¼ full		N
3/20/03	1300	J. Chancey	Rain AM	N	Brown Color 6" visibility ¼ full		N
3/21/03	1315	J. Chancey	Showers	N	Brown Color 6" visibility ¼ full		N
3/24/03	1030	J. Chancey	No Rain	N	Brown Color 6" visibility ¼ full		N

Notes: _____

SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
3/25/03	1515	J. Chancey	Rain	N	Brown water, 4" visibility, > ¼ full		N
3/26/03	1400	J. Chancey	Rain AM	N	Brown water, 4" visibility, > ¼ full		N
3/27/03	1315	J. Chancey	No Rain	N	Brown water, 4" visibility, > ¼ full		N
3/28/03	1330	J. Chancey	No Rain	N	Brown water, 6" visibility, > ¼ full		N
3/31/03	1000	J. Chancey	No Rain	N	Brown water, 6" visibility, ¼ full		N

Notes: _____

SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
4/1/03	1500	J. Chancey	Rain AM	N	Brown water, 6" visibility, ¼ full		N
4/2/03	1515	J. Chancey	Rain	N	Brown water, 6" visibility, ¼ full		N
4/3/03	1300	J. Chancey	Rain	N	Brown water, 6" visibility, ¼ full		N
4/4/03	1000	J. Chancey	Rain	N	Brown water 4" visibility, >1/2 full		N
4/7/03	1030	J. Chancey	No Rain	N	Brown water 4" visibility, >1/2 full		N
4/8/03	0945	J. Chancey	No Rain	N	Brown water 6" visibility, ½ full		N
4/9/03	0845	J. Chancey	No Rain	N	Brown water 6" visibility, ½ full		N
4/10/03	0845	J. Chancey	Rain	N	Dark tea color, 6-8" visibility, ½ full		N
4/11/03	1115	J. Chancey	Rain	N	Dark tea color, 6-8" visibility, ½ full		N
4/14/03	1345	J. Chancey	Rain A.M.	N	Dark tea color, 6-8" visibility, ½ full		N

Notes: _____

SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
4/15/03	1300	J. Chancey	Rain	N	Dark tea color, 6-8" visibility, ½ full		N
4/16/03	1330	J. Chancey	Showers	N	Dark tea color, 6" visibility, ½ full		N
4/17/03	0915	J. Chancey	Showers	N	Dark tea color, 6" visibility, ½ full		N
4/18/03	0945	J. Chancey	Rain AM	N	Dark tea color, 6" visibility, < ½ full		N
4/21/03	0830	J. Chancey	Rain	N	Dark tea color, 6-8" visibility, 1/4 full		N
4/22/03	1600	J. Chancey	No Rain	N	Dark tea color, 6" visibility, 1/4 full		N
4/23/03	1400	J. Chancey	Rain	N	Brown water 4-6" visibility, > ¼ full		N
4/24/03	0930	J. Chancey	Showers	N	Brown water 3" visibility, ½ full		N
4/25/03	1400	J. Chancey	Rain	N	Brown water 3" visibility, ½ full		N
4/28/03	0800	J. Chancey	Showers	N	Blackish colored water 4" visibility, ½ full		N
4/29/03	0930	J. Chancey	Rain	N	Blackish colored water 6" visibility, ½ full		N
4/30/03	1100	J. Chancey	Showers	N	Blackish colored water 6" visibility, ½ full		N

Notes: _____

SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
5/6/03	0730	J. Chancey	Showers	N	Dark water 6" visibility, < 1/2 full		N
5/7/03	0715	J. Chancey	Cloudy	N	Dark water 6" visibility, < 1/2 full		N
5/8/03	0930	J. Chancey	Rain AM	N	Dark water 6" visibility, < 1/2 full		N
5/9/03	0900	J. Chancey	No Rain	N	Dark water 6" visibility, 1/4 full		N
5/12/03	0730	J. Chancey	No Rain	N	Dark water 8" visibility, 1/4 full		N
5/13/03	0815	J. Chancey	No Rain	N	Dark water 8" visibility, 1/4 full		N
5/14/03	0700	J. Chancey	No Rain	N	Dark water, clear, 8" visibility, 1/4 full		N
5/15/03	0830	J. Chancey	No Rain	N	Dark water, clear, 8" visibility, 1/4 full		N
5/16/03	1000	J. Chancey	No Rain	N	Dark water, clear, 12" visibility, < 1/4 full		N
5/19/03	1030	J. Chancey	No Rain	N	Dark water, clear, 12" visibility, water west end only 1/8 full		N
5/20/03	0830	J. Chancey	No Rain	N	Dark water, clear, 12" visibility, water west end only < 1/8 full		N
5/21/03	1030	J. Chancey	No Rain	N	Dark water, clear, 12" visibility, water west end only < 1/8 full		N
5/22/03	1115	J. Chancey	No Rain	N	Dark water, clear, 12" visibility, water west end only < 1/8 full		N
5/23/03	0930	J. Chancey	No Rain	N	Dark water, clear, 12"- 14" visibility, water west end only < 1/8 full		N
5/27/03	0930	J. Chancey	No Rain	N	Dark water, clear, 12"- 14" visibility, water west end only < 1/8 full		N

Notes: _____

SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
6/2/03	0900	J. Chancey	No Rain	N	Dark water, 14" visibility, ditch drying up.		N
6/3/03	0815	J. Chancey	No Rain	N	Dark water, clear, algae on top, ditch drying up, water W. end only		N
6/4/03	0830	J. Chancey	No Rain	N	Dark water, clear, algae on top, ditch drying up, water W. end only		N
6/5/03	0900	J. Chancey	No Rain	N	Dark water, clear, algae on top, sprinkling logs, water W. end only		N
6/6/03	1030	J. Chancey	No Rain	N	Dark water, clear, algae on top, water W. end only, 1/8 full		N
6/9/03	0815	J. Chancey	No Rain	N	Dark water, clear, algae on top, water W. end only, 1/8 full		N
6/10/03	0915	J. Chancey	No Rain	N	Dark water, clear, algae on top, water W. end only, 1/8 full		N
6/11/03	0930	J. Chancey	No Rain	N	Dark water, clear, algae on top, water W. end only, 1/8 full		N
6/12/03	0830	J. Chancey	No Rain	N	Dark water, clear, algae on top, water W. end only, 1/8 full		N
6/13/03	0815	J. Chancey	Drizzle	N	Dark water, clear, algae on top, water W. end only, 1/8 full		N
6/16/03	0830	J. Chancey	No Rain	N	Dark water, clear, algae on top, water W. end only, <1/8 full		N
6/17/03	0930	J. Chancey	No Rain	N	Dark water, clear, algae on top, water W. end only, 1/8 full		N
6/18/03	0800	J. Chancey	Drizzle	N	Dark water, clear, algae on top, water W. end only, 1/8 full		N
6/19/03	0800	J. Chancey	No Rain	N	Dark water, clear, algae on top, water W. end only, 1/8 full		N
6/20/03	1015	J. Chancey	No Rain	N	Clear water algae on top, W. end only 1/8 full 2' visibility		N

Notes: _____

SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
6/23/03	1000	J. Chancey	No Rain	N	Clear water algae on top, W. end only 1/8 full 2' visibility		N
6/24/03	0815	J. Chancey	No Rain	N	Clear water, algae on top, water west end only 1/8 full		N
6/25/03	0730	J. Chancey	No Rain	N	Clear water, algae on top, water west end only 1/8 full		N
6/26/03	0900	J. Chancey	No Rain	N	Clear water, algae on top, water west end only 1/8 full		N
6/27/03	0900	J. Chancey	No Rain	N	Clear water, algae on top, water west end 1/4 full		N
6/30/03	0915	J. Chancey	No Rain	N	Clear water, algae on top, water west end 1/4 full		N

Notes: Started sprinkling 6/23/03

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
7/1/03	0930	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface, ¼ full.	Sprinklers	N
7/2/03	0830	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface, ¼ full.	Sprinklers	N
7/3/03	0815	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, ¼ full.	Sprinklers	N
7/7/03	0730	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, ¼ full.	Sprinklers	N
7/8/03	0800	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, ¼ full.	Sprinklers	N
7/9/03	0715	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, 1/3 full.	Sprinklers	N
7/10/03	0815	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, 1/3 full.	Sprinklers	N
7/11/03	0915	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, 1/2 full.	Sprinklers	N
7/14/03	0800	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, 1/2 full.	Sprinklers	N
7/15/03	0830	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, 1/2 full.	Sprinklers	N
7/16/03	0745	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, 1/2 full.	Sprinklers	N
7/17/03	0830	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, 1/2 full.	Sprinklers	N
7/18/03	0930	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, 1/2 full.	Sprinklers	N
7/21/03	0800	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, 1/3 full.	Sprinklers	N
7/22/03	0745	J. Chancey	No Rain	N	Dark water, 12" visibility, Algae bloom on surface west end, 1/3 full.	Sprinklers	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
7/23/03	0815	J. Chancey	No Rain	N	Dark water, 12" visibility, algae on top, 1/3 full	Sprinklers	N
7/24/03	0745	J. Chancey	No Rain	N	Dark water, 12" visibility, algae on top, 1/3 full	Sprinklers	N
7/25/03	1230	J. Chancey	No Rain	N	Dark water, 12" visibility, algae on top, 1/3 full	Sprinklers	N
7/28/03	0930	J. Chancey	No Rain	N	Dark water, 12" visibility, algae on top, 1/2 full	Sprinklers	N
7/29/03	0830	J. Chancey	No Rain	N	Dark water, 12" visibility, algae on top, 1/2 full	Sprinklers	N
7/30/03	0745	J. Chancey	No Rain	N	Dark water, 12" visibility, algae on top, 1/2 full	Sprinklers	N
7/31/03	0815	J. Chancey	No Rain	N	Dark water, 12" visibility, algae on top, 1/2 full	Sprinklers	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
8/1/03	0900	J. Chancey	Thunder Showers	N	Dark water, algae on top, 14" visibility, ½ full	Sprinklers	N
8/4/03	0845	J. Chancey	No Rain	N	Dark water, algae on top, 14" visibility, ½ full	Sprinklers	N
8/5/03	1115	J. Chancey	Thunder Showers A.M.	N	Dark water, algae on top, 14" visibility, ½ full	Showers And sprinklers	N
8/6/03	0900	G. Amos	No Rain	N	Dark water, algae on top, 14" visibility, ½ full	Sprinklers	N
8/7/03	0815	J. Chancey	No Rain	N	Dark water, algae on top, 14" visibility, ½ full	Sprinklers	N
8/8/03	1015	J. Chancey	No Rain	N	Dark water, algae on top, 14" visibility, ½ full	Sprinklers	N
8/11/03	0745	J. Chancey	No Rain	N	Dark water, algae on top, 12" visibility, ½ full	Sprinklers	N
8/12/03	0815	J. Chancey	No Rain	N	Dark water, algae on top, 12" visibility, ½ full	Sprinklers	N
8/13/03	0900	J. Chancey	No Rain	N	Dark water, algae on top, 12" visibility, <1/2 full	Sprinklers	N
8/14/03	0800	J. Chancey	No Rain	N	Dark water, algae on top, 12" visibility, <1/2 full	Sprinklers	N
8/15/03	0845	G. Amos	No Rain	N	Dark Water, algae and bark on north end, ½ full	Sprinklers	N
8/18/03	0830	J. Chancey	No Rain	N	Dark water, algae on top, 14" visibility, 1/2 full	Sprinklers	N
8/19/03	0800	J. Chancey	No Rain	N	Dark water, algae and bark on top, 14" visibility, < 1/2 full	Sprinklers	N
8/20/03	0700	J. Chancey	No Rain	N	Dark water, algae and bark on top, 14" visibility, 1/2 full	Sprinklers	N
8/21/03	0915	J. Chancey	No Rain	N	Dark water, algae and bark on top, 14" visibility, >1/2 full	Sprinklers	N

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
08/22/03	1045	J. Chancey	No Rain	N	Dark water, bark and algae on top, 12" visibility, ½ full	Sprinklers	N
08/25/03	0830	J. Chancey	No Rain	N	Dark water, bark and algae on top, 12" visibility, ½ full	Sprinklers	N
8/26/03	0930	J. Chancey	No Rain	N	Dark water, bark and algae on top, 12" visibility, ½ full	Sprinklers	N
8/27/03	0845	J. Chancey	No Rain	N	Dark water, bark and algae on top, 12" visibility, ½ full	Sprinklers	N
8/28/03	0730	J. Chancey	No Rain	N	Dark water, bark and algae on top, 12" visibility, ½ full	Sprinklers	N
8/29/03	0830	J. Chancey	No Rain	N	Dark water, bark and algae on top, 12" visibility, ½ full	Sprinklers	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
9/02/03	0715	J. Chancey	No Rain	N	Dark water, algae and bark on top, 12" visibility, < ½ full	Sprinklers	N
9/03/03	0800	J. Chancey	No Rain	N	Dark water, algae and bark on top, 12" visibility, ½ full	Sprinklers	N
9/4/03	1030	J. Chancey	No Rain	N	Dark water, algae and bark on top, 12" visibility, ½ full	Sprinklers	N
9/5/03	1030	J. Chancey	No Rain	N	Dark water, algae and bark on top, 12" visibility, <½ full	Sprinklers	N
9/6/03	0830	J. Chancey	No Rain	N	Dark water, algae and bark on top, 12" visibility, <½ full	Sprinklers	N
9/8/03	0930	J. Chancey	No Rain	N	Dark water, algae and bark on top, 12" visibility, duckwort on top <½ full	Sprinklers	N
9/9/03	0815	J. Chancey	Rain	N	Dark water, algae and bark on top, 12" visibility, duckwort on top ½ full	Rain	N
9/10/03	0800	J. Chancey	No Rain	N	Dark water, algae and bark on top, 12" visibility, duckwort on top ½ full	Sprinklers	N
9/11/03	0900	J. Chancey	No Rain	N	Dark water, algae and bark on top, 12" visibility, duckwort on top ½ full	Sprinklers	N
9/12/03	0915	J. Chancey	No Rain	N	Dark water, algae and bark on top, 14" visibility, duckwort on top ½ full	Sprinklers	N
9/15/03	0930	J. Chancey	No Rain	N	Dark water, algae and bark on top, 14" visibility, duckwort on top ½ full	Sprinklers	N
9/16/03	0930	J. Chancey	No Rain	N	Dark water, algae and bark on top, 14" visibility, duckwort on top ¾ full	Sprinklers	N
9/17/03	0830	J. Chancey	No Rain	N	Dark water, algae and bark on top, 14" visibility, duckwort on top ¾ full	Sprinklers	N
9/18/03	0815	J. Chancey	No Rain	N	Dark water, algae and bark on top, 14" visibility, duckwort on top ½ full	Sprinklers	N
9/19/03	0900	J. Chancey	No Rain	N	Dark water, algae and bark on top, 14" visibility, duckwort on top ½ full	Spsrinkler	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
9/22/03	0930	G. Amos	No Rain	N	Dark water, bark floating on top, ½ full	Sprinklers	N
9/23/03	0800	J. Chancey	No Rain	N	Dark water, 12-14" visibility, bark and duckwort on top, ½ full	Sprinklers	N
9/24/03	0815	J. Chancey	No Rain	N	Dark water, 12-14" visibility, bark and duckwort on top, ¾ full	Sprinklers	N
9/25/03	0815	J. Chancey	No Rain	N	Dark water, 12-14" visibility bark and duckwort on top, 1/2 full	Sprinklers	N
9/26/03	0945	J. Chancey	Foggy	N	Dark water, 14" visibility, bark and duckwort on top, ½ full	Sprinklers	N
9/29/03	0815	J. Chancey	No Rain	N	Dark water, 14" visibility, bark and duckwort on top, ½ full	Sprinklers	N
9/30/03	0800	J. Chancey	No Rain	N	Dark water, 14" visibility, bark and duckwort on top, ½ full	Sprinkles	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
10/01/03	0915	J. Chancey	No Rain	N	Dark water, 12-14" visibility, bark and duckwort on top, ½ full	Sprinklers	N
10/02/03	0815	J. Chancey	Foggy	N	Dark water, 12-14" visibility, bark and duckwort on top, <½ full	Sprinklers	N
10/03/03	0945	J. Chancey	Foggy	N	Dark water, 12-14" visibility. <½ full	Sprinklers	N
10/06/03	0800	J. Chancey	No Rain	N	Dark water, 12-14" visibility. <½ full	Sprinklers	N
10/07/03	0830	J. Chancey	Foggy	N	Dark water, 12-14" visibility. <½ full	Sprinklers	N
10/8/03	0900	J. Chancey	No Rain*	N	Dark water, 12-14" visibility. <½ full	Sprinklers	N
10/09/03	0900	J. Chancey	Foggy	N	Dark water, 12-14" visibility. <½ full	Sprinklers	N
10/10/03	1000	J. Chancey	No Rain	N	Dark water, 12-14" visibility. <½ full	Sprinklers	N
10/13/03	0845	J. Chancey	No Rain	N	Dark water, 12-14" visibility. <½ full	Sprinklers	N
10/14/03	0815	J. Chancey	No Rain	N	Dark water, 12-14" visibility. ½ full	Sprinklers	N
10/15/03	0800	J. Chancey	No Rain	N	Dark water, 12-14" visibility. ½ full	Sprinklers	N
10/16/03	0830	J. Chancey	No Rain	N	Dark water, 12-14" visibility. ½ full	Sprinklers	N
10/17/03	1000	J. Chancey	No Rain	N	Dark water, 12-14" visibility. ½ full	Sprinklers	N
10/20/03	0845	J. Chancey	No Rain	N	Dark water, 12-14" visibility. >½ full	Sprinklers	N
10/21/03	0830	J. Chancey	Foggy	N	Dark water, 12-14" visibility. >½ full	Sprinklers	N

Notes: * light rain 1:30 P.M. 10/8/03

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
10/22/03	0900	J. Chancey	Foggy	N	Dark water, 12-14" visibility, ½ full,	Sprinklers	N
10/23/03	0900	J. Chancey	Foggy	N	Dark water, 12-14" visibility, > ½ full.	Sprinklers	N
10/24/03	1030	J. Chancey	No Rain	N	Dark water, 12-14" visibility, ½ full.	Sprinklers	N
10/27/03	0830	J. Chancey	No Rain	N	Dark water, 12-14" visibility, < ½ full.	Sprinklers	N
10/28/03	1430	J. Chancey	No Rain	N	Dark water, 12-14" visibility, < ½ full.	Sprinklers	N
10/29/03	0815	J. Chancey	No Rain	N	Dark water, 12-14" visibility, < ½ full.	Sprinklers	N
10/30/03	0830	J. Chancey	No Rain	N	Dark water, 12-14" visibility, < ½ full., log in ditch	Sprinklers	N
10/31/03	1315	J. Chancey	No Rain	N	Dark water, 12-14" visibility, ½ full., log in ditch	Sprinklers	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
11/3/03	0930	J. Chancey	No Rain	N	Dark water, log in ditch, 12" visibility,	Rain, sprinklers	N
11/4/03	0845	J. Chancey	No Rain	N	Dark water, log in ditch, 12" visibility,	Sprinklers	N
11/5/03	0900	J. Chancey	No Rain	N	Dark water, log in ditch, 12" visibility,	Sprinklers	N
11/6/03	0715	J. Chancey	Rain	N	Dark water, log in ditch, 10" visibility, ½ full	Rain	N
11/7/03	1000	J. Chancey	Rain	N	Dark water, log in ditch, 10" visibility, ½ full	Rain	N
11/10/03	1300	G. Amos	No Rain	N	Dark water, log in ditch, 10" visibility, 3/4 full	Rain	N
11/11/03	0815	J. Chancey	No Rain	N	Dark water, log in ditch, 10" visibility, 3/4 full	Rain	N
11/12/03	0915	J. Chancey	No Rain	N	Dark water, log in ditch, 10" visibility, 3/4 full	Sprinklers	N
11/13/03	0845	G. Amos	No Rain	N	Dark water, log in ditch, 10" visibility, <1/2 full	Sprinklers	N
11/14/03	1000	J. Chancey	Rain	N	Dark water, log in ditch, 10" visibility, 1/2 full	Rain	N
11/17/03	1115	J. Chancey	No Rain	N	Dark water, log in ditch, 10" visibility, 1/2 full	Rain	N
11/18/03	0730	J. Chancey	No Rain	N	Dark water, log in ditch, 10" visibility, <1/2 full	Rain	N
11/19/03	0845	J. Chancey	Lt. Rain	N	Dark water, log in ditch, 10" visibility, <1/2 full	Rain	N
11/20/03	0830	J. Chancey	No Rain	N	Dark water, log in ditch, 10-12" visibility, <1/2 full	Rain	N
11/21/03	0930	J. Chancey	Rain A.M.	N	Dark water, log in ditch, 10-12" visibility, <1/2 full	Rain	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
11/24/03	1000	J. Chancey	No Rain	N	Dark water 12" visibility, log in water, <1/2 full	Rain	N
11/25/03	1245	J. Chancey	Rain	N	Dark water 12" visibility, log in water, 1/2 full	Rain	N
11/26/03	1315	J. Chancey	Rain A.M.	N	Dark water 12" visibility, log in water, 1/2 full	Rain	N
11/27/03	Holiday	Mill down					
11/28/03	Holiday	Mill down					

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
12/01/03	1145	J. Chancey	Rain	N	Brown water 1-2" visibility, log in ditch, >3/4 full	Rain	N
12/02/03	1015	J. Chancey	No Rain	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12.03/03	0845	J. Chancey	Lt. rain.	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12/04/03	1300	J. Chancey	Showers	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12/05/03	0945	J. Chancey	Rain	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12/06/03	0930	G. Amos	Rain	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12/07/03	1100	G. Amos	Lt. Rain	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12/08/03	1500	G. Amos	No Rain	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12/09/03	1100	G. Amos	Lt. Rain	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12/10/03	1400	G. Amos	Lt. Rain	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12/11/03	0800	G. Amos	Lt. Rain	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12/12/03	1310	G. Amos	Rain	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12/13/03	0900	G. Amos	Rain	N	Brown water 1-2" visibility, log in ditch, 3/4 full	Rain	N
12/15/03	0845	J. Chancey	No Rain	N	Brown water 1-2" visibility, 3/4 full	Rain	N
12/16/03	0915	J Chancey	No Rain	N	Brown water 1-2" visibility, 3/4 full	Rain	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material, oil and grease, discoloration, turbidity, odor, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
12/17/03	0915	J. Chancey	No Rain	N	Dark water, 2-3" visibility, <3/4 full	Rain	N
12/18/03	0930	J. Chancey	No Rain	N	Dark water, 2-3" visibility, <3/4 full	Rain	N
12/19/03	1000	J. Chancey	Rain	N	Dark water, 2-3" visibility, 1/2 full	Rain	N
12/22/03	1100	J. Chancey	No Rain	N	Dark water, 2-3" visibility, >1/2 full	Rain	N
12/23/03	0915	J. Chancey	Rain	N	Dark water, 2-3" visibility, >1/2 full	Rain	N
12/24/03		Mill Closed					
12/25/03		Mill Closed					
12/26/03		Mill Closed					
12/29/03	1030	J. Chancey	Rain	N	Dark water, 2-3" visibility, >3/4 full	Rain	N
12/30/03	0930	J. Chancey	No Rain	N	Dark water, 2-3" visibility, 3/4 full	Rain	N
12/31/03		Mill Closed					

Notes: _____

APPENDIX B

Daily Observation— Receiving Waters (Vegetated Pond)

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
1/13/03	1300	J. Chancey	Rain	Y	Storm water run off, no run off from log deck ditch, tannic color		N
1/14/03	1030	J. Chancey	Rain a.m.	Y	Storm water run off, no run off from log deck ditch, tannic color light white foam		N
1/15/03	1130	J. Chancey	No Rain	Y	Storm water run off, no run off from log deck ditch, weak tea color.		N
1/16/03	1315	J. Chancey	No Rain	Y	Storm water run off, no run off from log deck ditch, weak tea color		N
1/17/03	1315	J. Chancey	No Rain	Y	Storm water run off, no run off from log deck ditch, weak tea color, light white scum in ditch none in discharge		N
1/20/03	1300	J. Chancey	No Rain	N	Reverse flow from bay into pond. Light white patchy scum on top tea colored water		N
1/21/03	1315	J. Chancey	Rain AM	N	Reverse flow from bay into pond. Dark tea colored water		N
1/22/03	1315	J. Chancey	No Rain	N	Storm water run off, no run off from log deck ditch, tea color		N
1/23/03	1430	J. Chancey	Showers	N	Storm water run off, no run off from log deck ditch, tea color		N
1/24/03	1330	J. Chancey	Rain	N	Storm water run off, no run off from log deck ditch, tea color		N
1/27/03	1315	J. Chancey	Hvy Rain A.M.	N	Storm water run off, no run off from log deck ditch, clear color		N
1/28/03	1415	J. Chancey	No Rain	N	Storm water run off, no run off from log deck ditch, clear color		N
1/29/03	1330	J. Chancey	No Rain	N	Storm water run off, no run off from log deck ditch, clear color		N
1/30/03	1400	J. Chancey	Rain A.M.	N	Storm water run off, no run off from log deck ditch, clear color		N
1/31/03	1415	J. Chancey	Drizzle	N	Storm water run off, no run off from log deck ditch, clear color		N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
2/6/03	1030	J. Chancey	No Rain	Y	Storm water runoff, clear color, low flow		N
2/7/03	1100	J. Chancey	No Rain	Y	Storm water runoff, clear color, low flow		N
2/10/03	1115	J. Chancey	No Rain	Y	Storm water runoff, clear color, low flow		N
2/11/03	1100	J. Chancey	No Rain	Y	Storm water runoff, clear color, low flow		N
2/12/03	1000	J. Chancey	No Rain	N	Reverse flow, high tide.		N
2/13/03	0900	J. Chancey	Rain	N	High tide, water in ditch to culvert clear		N
2/14/03	1115	J. Chancey	No Rain	N	High tide, water in ditch to culvert clear		N
2/17/03	1315	J. Chancey	No Rain	N	High tide backing up into culvert, ditch water tea color		N
2/18/03	1000	J. Chancey	Drizzle	Y	Storm water runoff, weak tea color, medium flow		N
2/19/03	1400	J. Chancey	Rain	Y	Storm water runoff, weak tea color, heavy flow		N
2/20/03	0930	J. Chancey	No Rain	Y	Storm water runoff, weak tea color, heavy flow		N
2/21/03	0900	G. Amos	No Rain	Y	Storm water runoff, weak tea color, heavy flow		N
2/24/03	0930	G. Amos	No Rain	Y	Storm water runoff, weak tea color, heavy flow		N
2/25/03	0930	G. Amos	No Rain	Y	Storm water runoff, weak tea color, moderate flow		N
2/26/03	0900	G. Amos	No Rain	Y	Storm water runoff, weak tea color, moderate flow		N
2/27/03	0830	G. Amos	No Rain	Y	Storm water runoff, weak tea color, moderate flow		N
2/28/03	1015	J. Chancey	No Rain	Y	Storm water runoff, weak tea color, moderate flow		N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
3/4/03	1115	J. Chancey	No Rain	Y	Storm water run off, clear, tide backing up water		N
3/5/03	1345	J. Chancey	No Rain	Y	Storm water run off, clear, tide backing up water		N
3/6/03	1300	J. Chancey	No Rain	Y	Storm water run off, clear, tide backing up water		N
3/7/03	1015	J. Chancey	Drizzle	Y	Storm water run off, clear, low flow.		N
3/10/03	1400	J. Chancey	Rain AM	Y	Storm water run off, clear, low flow.		N
3/11/03	1400	J. Chancey	Rain AM	Y	Storm water run off, clear, low flow		N
3/12/03	0945	J. Chancey	No Rain	Y	Storm water run off, clear, low flow		N
3/13/03	1045	J. Chancey	Rain	Y	Storm water run off, clear, medium flow		N
3/14/03	0945	J. Chancey	Showers	Y	Storm water run off, clear, tide backing up water in ditch to pond		N
3/17/03	0945	J. Chancey	Rain AM	Y	Storm water run off, weak tea color, water backing up to pond, high tide		N
3/18/03	1445	J. Chancey	No Rain	Y	Storm water run off, weak tea color, low flow		N
3/19/03	1300	J. Chancey	Rain	Y	Storm water run off, weak tea color, tide backing up water		N
3/20/03	1315	J. Chancey	Rain AM	Y	Storm Water run off, Clear, tide backing up water into pond outflow		N
3/21/03	1330	J. Chancey	Showers	Y	Storm Water run off, Clear, tide backing up water into pond outflow		N
3/24/03	1045	J. Chancey	No Rain	Y	Storm Water run off, Clear, low flow.		N
3/25/03	1530	J. Chancey	Rain	Y	Storm Water run off, clear water, low flow to moderate flow		N
3/26/03	1415	J. Chancey	Rain AM	Y	Storm Water run off, clear water, low flow to moderate flow		N
3/27/03	1330	J. Chancey	No Rain	Y	Storm Water run off, clear water, low flow		N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

**DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED
POND)**

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
4/1/03	1515	J. Chancey	Rain AM	Y	Storm Water run off, clear water, low flow		N
4/2/03	1530	J. Chancey	Rain	Y	Storm Water run off, clear water, low flow		N
4/3/03	1315	J. Chancey	Rain	Y	Storm Water run off, clear water, low flow		N
4/4/03	1015	J. Chancey	Rain	Y	Storm Water run off, clear water, heavy flow		N
4/7/03	1045	J. Chancey	No Rain	Y	Storm Water run off, clear water, moderate flow		N
4/8/03	1000	J. Chancey	No Rain	Y	Storm water run off, clear water, moderate flow		N
4/9/03	0900	J. Chancey	No Rain	Y	Storm water run off, clear water, moderate flow		N
4/10/03	0900	J. Chancey	Rain	Y	Storm water run off, clear water, light flow		N
4/11/03	1130	J. Chancey	Rain	Y	Storm water run off, clear water, light flow		N
4/14/03	1400	J. Chancey	Rain A.M.	Y	Storm water run off, clear water, moderate flow		N
4/15/03	1315	J. Chancey	Rain	Y	Storm water run off, clear water, moderate flow		N
4/16/03	1345	J. Chancey	Showers	Y	Storm water run off, clear water, moderate flow		N
4/17/03	0930	J. Chancey	Showers	Y	Storm water run off, clear water, moderate flow		N
4/18/03	1000	J. Chancey	Rain AM	Y	Storm water run off, clear water, moderate flow		N
4/21/03	0845	J. Chancey	Rain	Y	Storm water run off, clear water, moderate flow		N
4/22/03	1545	J. Chancey	No Rain	Y	Storm water run off, clear water, moderate flow		N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
4/23/03	1415	J. Chancey	Rain	Y	Storm water run off, clear water, moderate flow		N
4/24/03	0945	J. Chancey	Showers	Y	Storm water run off, clear water, moderate flow		N
4/25/03	1415	J. Chancey	Rain	Y	Storm water run off, clear water, moderate flow		N
4/28/03	0815	J. Chancey	Showers	Y	Storm water run off, clear water, moderate flow		N
4/29/03	0945	J. Chancey	Rain	Y	Storm water run off, clear water, moderate flow		N
4/30/03	1115	J. Chancey	Showers	Y	Storm water run off, clear water, moderate flow		N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
 NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

**DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED
 POND)**

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
5/19/03	1015	J. Chancey	No Rain	Y	Storm water run off, clear water, low flow		N
5/20/03	0815	J. Chancey	No Rain	Y	Storm water run off, clear water, low flow		N
5/21/03	1045	J. Chancey	No Rain	Y	Storm water run off, clear water, low flow		N
5/22/03	1130	J. Chancey	No Rain	Y	Pond water run off, clear water, low flow		N
5/23/03	0945	J. Chancey	No Rain	Y	Pond water run off, clear water, low flow		N
5/27/03	0945	J. Chancey	No Rain	Y	Pond water run off, clear water, very low flow		N
5/28/03	0830	J. Chancey	No Rain	Y	Pond water run off, clear water, very low flow		N
5/29/03	1010	G. Amos	No Rain	Y	Pond water run off, clear water, very low flow		N
5/30/03	1015	G. Amos	No Rain	Y	Pond water run off, clear water, very low flow		N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
 NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

**DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED
 POND)**

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
6/2/03	0915	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/3/03	0830	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/4/03	0845	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/5/03	0915	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/6/03	1045	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/9/03	0830	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/10/03	0930	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/11/03	0945	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/12/03	0845	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/13/03	0830	J. Chancey	Drizzle	Y	Low clear discharge from pond. No apparent pollutants		N
6/16/03	0845	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/17/03	0945	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/18/03	0815	J. Chancey	Drizzle	Y	Low clear discharge from pond. No apparent pollutants		N
6/19/03	0815	J. Chancey	No Rain	Y	Low clear discharge from pond. No apparent pollutants		N
6/20/03	1030	J. Chancey	No Rain	Y	Trickle, clear water from pond. No visible pollutants		N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
 NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

**DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED
 POND)**

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
6/23/03	1015	J. Chancey	No Rain	Y	Trickle, clear water from pond. No visible pollutants		N
6/24/03	0830	J. Chancey	No Rain	Y	Trickle, clear water from pond. No visible pollutants		N
6/25/03	0745	J. Chancey	No Rain	Y	Trickle, clear water from pond. No visible pollutants		N
6/26/03	0915	J. Chancey	No Rain	Y	Trickle, clear water from pond. No visible pollutants		N
6/27/03	0915	J. Chancey	No Rain	Y	Trickle, clear water from pond. No visible pollutants		N
6/30/03	0930	J. Chancey	No Rain	Y	Trickle, clear water from pond. No visible pollutants		N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
7/1/03	0945	J. Chancey	No Rain	Y	Low clear flow, no visible pollutants	pond	N
7/2/03	0845	J. Chancey	No Rain	Y	Low clear flow, no visible pollutants	pond	N
7/3/03	0830	J. Chancey	No Rain	Y	Low clear flow, no visible pollutants	pond	N
7/7/03	0745	J. Chancey	No Rain	Y	Low clear flow, no visible pollutants	pond	N
7/8/03	0815	J. Chancey	No Rain	Y	Low clear flow, no visible pollutants	pond	N
7/9/03	0730	J. Chancey	No Rain	Y	Low clear flow, no visible pollutants	pond	N
7/10/03	0830	J. Chancey	No Rain	Y	Low clear flow, no visible pollutants	Pond	N
7/11/03	0930	J. Chancey	No Rain	Y	Low clear flow, no visible pollutants	Pond	N
7/14/03	0815	J. Chancey	No Rain	Y	Low clear flow, no visible pollutants	Pond	N
7/15/03	0845	J. Chancey	No Rain	Y	Trickle, clear flow, no visible pollutants	Pond	N
7/16/03	0730	J. Chancey	No Rain	Y	Trickle, clear flow, no visible pollutants	Pond	N
7/17/03	0845	J. Chancey	No Rain	Y	Trickle, clear flow, no visible pollutants	Pond	N
7/18/03	0945	J. Chancey	No Rain	Y	Trickle, clear flow, no visible pollutants	Pond	N
7/21/03	0745	J. Chancey	No Rain	Y	Trickle, clear flow, no visible pollutants	Pond	N
7/22/03	0800	J. Chancey	No Rain	Y	Trickle, clear flow, no visible pollutants	Pond	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
7/23/03	0830	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
7/24/03	0800	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
7/25/03	1245	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
7/28/03	0945	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
7/29/03	0845	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
7/30/03	0800	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
7/31/03	0830	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
8/01/03	0915	J. Chancey	Thunder Showers	Y	Trickle, clear water, no pollutants	Pond	N
8/4/03	0900	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
8/5/03	1100	J. Chancey	Showers AM	Y	Trickle, clear water, no pollutants	Pond and Showers	N
8/6/03	0915	G. Amos	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
8/7/03	0830	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
8/8/03	1030	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
8/11/03	0800	J. Chancey	No Rain	Y	Trickle, clear water, little white foam at discharge into slough	Pond	N
8/12/03	0830	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
8/13/03	0845	J. Chancey	No Rain	Y	Trickle, clear water, little white foam at discharge into slough	Pond	N
8/14/03	0815	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
8/15/03	0900	G. Amos	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
8-18-03	0815	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
8/19/03	0815	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
8/20/03	0715	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
08/21/03	0930	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
08/22/03	1100	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
8/25/03	0845	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
0826/03	0945	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
08/27/03	0900	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
08/28/03	0745	J. Chancey	No Rain	Y	Trickle, clear water, slight white bubbly foam at discharge point	Pond	N
8/29/03	0845	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
9/2/03	0730	J. Chancey	No Rain	Y	Trickle. clear water, no pollutants	Pond	N
9/3/03	0815	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
9/4/03	1045	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
9/5/03	1045	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
9/6/03	0845	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
9/8/03	0945	J. Chancey	No Rain	Y	Trickle, clear water, no pollutants	Pond	N
9/9/03	0830	J. Chancey	Rain	Y	Clear water, no visible pollutants	Pond	N
9/10/03	0815	J. Chancey	No Rain	Y	Clear water, no visible pollutants	Pond	N
9/11/03	0915	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
9/12/03	0930	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
9/15/03	0945	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
9/16/03	0945	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
9/17/03	0845	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
9/18/03	0830	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N
9/19/03	0930	J. Chancey	No Rain	Y	Trickle, clear water, no visible pollutants	Pond	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
9/22/03	0915	G. Amos	No Rain	Y	Clear water, low flow, no pollutants	Pond	N
9/23/03	0745	J. Chancey	No Rain	Y	Low flow, clear water, no visible pollutants	Pond	N
9/24/03	0800	J. Chancey	No Rain	Y	Low flow, clear water, no visible pollutants	Pond	N
9/25/03	0800	J. Chancey	No Rain	Y	Low flow, clear water, no visible pollutants	Pond	N
9/26/03	1000	J. Chancey	No Rain	Y	Low flow, clear water, no visible pollutants	Pond	N
9/29/03	0800	J. Chancey	No Rain	Y	Low flow, clear water, no visible pollutants	Pond	N
9/30/03	0815	J. Chancey	No Rain	Y	Low flow, clear water, no visible pollutants	Pond	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
10/1/03	0930	J. Chancey	No Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
10/02/03	0830	J. Chancey	Foggy	Y	Clear water, low flow, no visible pollutants	Pond	N
10/03/03	1000	J. Chancey	Foggy	Y	Clear water, low flow, no visible pollutants	Pond	N
10/06/03	0815	J. Chancey	No Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
10/7/03	0845	J. Chancey	Foggy	Y	Clear water, low flow, no visible pollutants	Pond	N
10/8/03	0915	J. Chancey	No Rain *	Y	Clear water, low flow, no visible pollutants	Pond	N
10/09/03	0915	J. Chancey	Foggy	Y	Clear water, low flow, no visible pollutants	Pond	N
10/10/03	1015	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/13/03	0900	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/14/03	0830	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/15/03	0815	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/16/03	0845	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/17/03	1015	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/20/03	0900	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/21/03	0845	J. Chancey	Foggy	Y	Clear water, trickle, no visible pollutants	Pond	N

Notes: __ *light rain 1:30 P.M. 10/8/03

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
10/22/03	0915	J. Chancey	Foggy	Y	Clear water, trickle, no visible pollutants	Pond	N
10/23/03	0915	J. Chancey	Foggy	Y	Clear water, trickle, no visible pollutants	Pond	N
10/24/03	1045	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/27/03.	0845	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/28/03	1445	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/29/03	0830	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/30/03	0845	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N
10/31/03	1330	J. Chancey	No Rain	Y	Clear water, trickle, no visible pollutants	Pond	N

Notes: _____

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DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
11/3/03	0945	J. Chancey	No Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
11/4/03	0900	J. Chancey	No Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
11/5/03	0915	J. Chancey	No Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
11/6/03	0730	J. Chancey	Rain	Y	Clear water, moderate flow, no visible pollutants	Pond	N
11/7/03	0945	J. Chancey	Rain	Y	Clear water, moderate flow, biologic scum	Pond	N
11/10/03	1315	G. Amos	No Rain	Y	Clear water, moderate flow, biologic scum	Pond	N
11/11/03	0800	J. Chancey	No Rain	Y	Clear water, moderate flow, thin biologic scum on surface	Pond	N
11/12/03	0930	J. Chancey	No Rain	Y	Clear water, moderate flow, thin biologic scum on surface	Pond	N
11/13/03	0900	G. Amos	No Rain	Y	Clear water, moderate flow, no visible pollutants	Pond	N
11/14/03	1015	J. Chancey	Rain	Y	Clear water, moderate flow, no visible pollutants	Pond	N
11/17/03	1100	J. Chancey	No Rain	Y	Clear water, moderate flow, no visible pollutants	Pond	N
11/18/03	0745	J. Chancey	No Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
11/19/03	0900	J. Chancey	Lt. Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
11/20/03	0845	J. Chancey	No Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
11/21/03	0915	J. Chancey	Rain A.M.	Y	Clear water, low flow, no visible pollutants	Pond	N

Notes: _____

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Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
11/24/03	0945	J. Chancey	No Rain	Y	Low flow, clear water, no visible pollutants	Pond	N
11/25/03	1230	J. Chancey	Rain	Y	Moderate flow, clear, no visible pollutants	Pond	N
11/26/03	1330	J. Chancey	Rain A.M.	Y	Moderate flow, clear, no visible pollutants	Pond	N
11/27/03	Holiday	Mill down					
11/28/03	Holiday	Mill down					

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

DAILY OBSERVATION FORM - RECEIVING WATERS (VEGETATED POND)

Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
12/01/03	1130	J. Chancey	Rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/02/03	1000	J. Chancey	No Rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/03/03	0830	J. Chancey	Lt. rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/04/03	1315	J. Chancey	Showers	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/05/03	0930	J. Chancey	Rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/06/03	0945	G. Amos	Rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/07/03	1145	G. Amos	Lt. Rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/08/03	1515	G. Amos	No Rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/09/03	1115	G. Amos	Lt. Rain	Y	High Tide, water not moving, no visible pollutants	Pond	N
12/10/03	1415	G. Amos	Lt. Rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/11/03	0815	G. Amos	Lt. Rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/12/03	1315	G. Amos	Rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/13/03	0915	G. Amos	Rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/15/03	0900	J. Chancey	No Rain	Y	Moderate flow, clear water, no visible pollutants	Pond	N
12/16/03	0900	J. Chancey	No Rain	Y	Low flow, clear water, no visible pollutants	Pond	N

Notes: _____

**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
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Weather - no rain, light rain, moderate rain, heavy rain

Pollutants - floating and suspended material (solids, liquids, foam, scum), visible films (oils, greases, waxes), aquatic growths, discoloration, other

Pollutant rating - (1 = slight, 2 = minimal, 3 = moderate, 4 = high, 5 = extreme)

Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
12/17/03	0900	J. Chancey	No Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
12/18/03	0915	J. Chancey	No Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
12/19/03	0945	J. Chancey	No Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
12/22/03	1045	J. Chancey	No Rain	Y	Clear water, moderate flow, no visible pollutants	Pond	N
12/23/03	0930	J. Chancey	Rain	Y	Clear water, moderate flow, no visible pollutants	Pond	N
12/24/03		Mill Closed					
12/25/03		Mill Closed					
12/26/03		Mill Closed					
12/29/03	1045	J. Chancey	Rain	Y	Clear water, heavy flow, no visible pollutants	Pond	N
12/30/03	1000	J. Chancey	No Rain	Y	Clear water, moderate flow, no visible pollutants	Pond	N

Notes: _____