
NPDES Self-Monitoring Annual Summary Report for Year 2004

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

Prepared for:

Sierra Pacific Industries

February 24, 2005

Project No. 9329, Task 18

Geomatrix Consultants

February 24, 2005
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 2004
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)
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 2004

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, 2005

Project No. 9329, Task 18

Geomatrix Consultants



**NPDES SELF-MONITORING ANNUAL
SUMMARY REPORT FOR YEAR 2004**

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

February 24, 2005
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: _____

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NPDES SELF-MONITORING ANNUAL SUMMARY REPORT FOR YEAR 2004

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 2004 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 2004. 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 summarizes data and observations collected at the site; and that provides 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 2004 (January 1, 2004 through December 31, 2004);
- 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 2004, 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 prevents discharge to the vegetated pond.

Copies of the 2004 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 2004, 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 2004. 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	-	-	-
Chlorinated Phenols	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

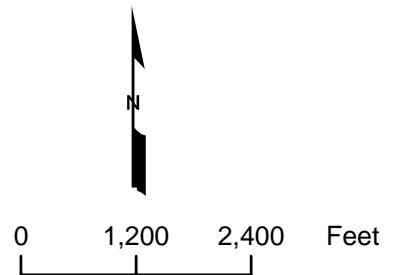
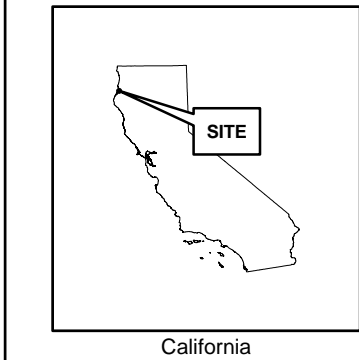
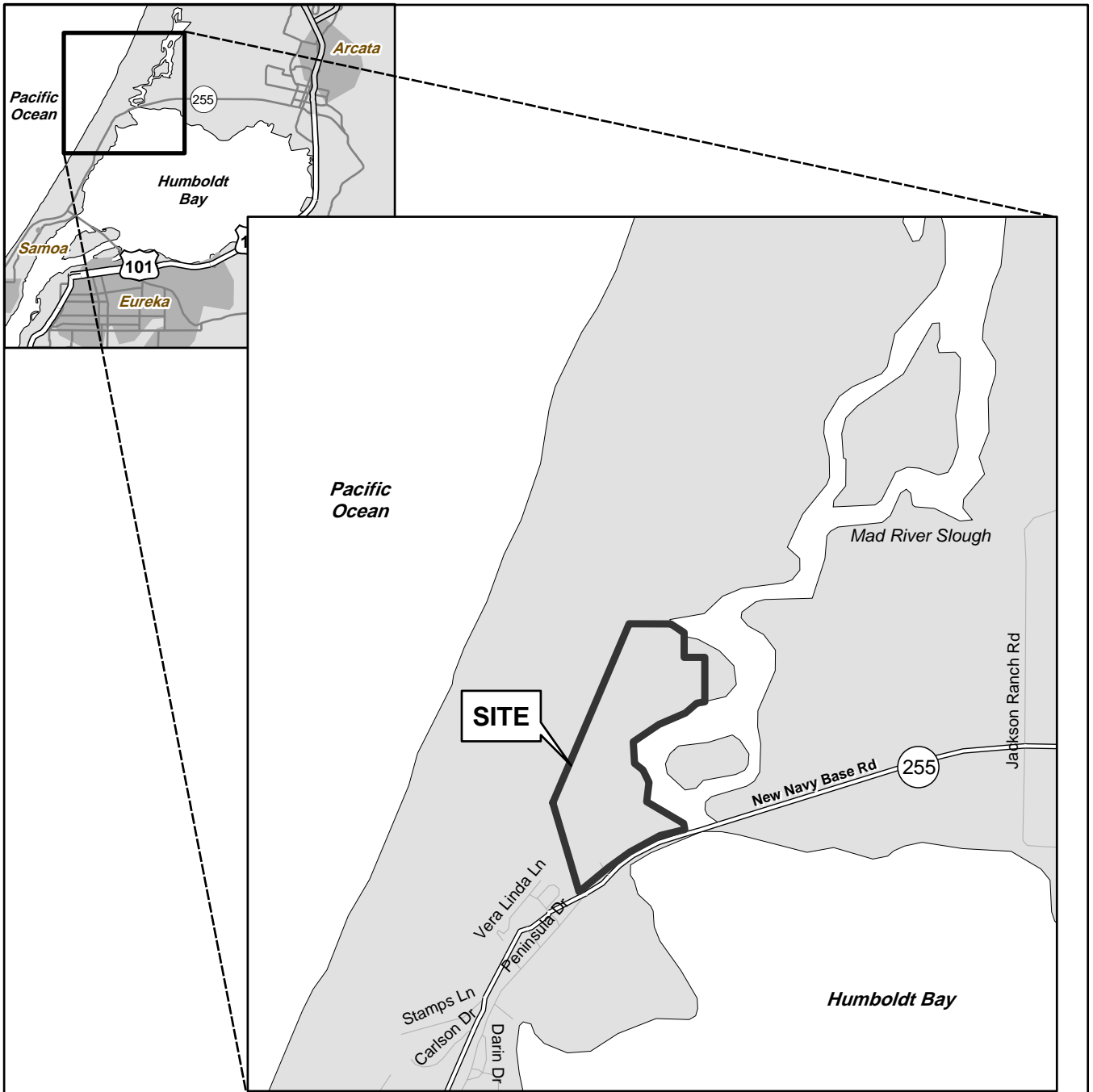
² Visual Monitoring includes daily observation of the log deck pond and weekly observations of the log deck discharge, or during the first hour of discharge when discharge are less frequent than weekly. Visual observations shall document floating or suspended material, oil and grease, discoloration, 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



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

Project No.
 9329

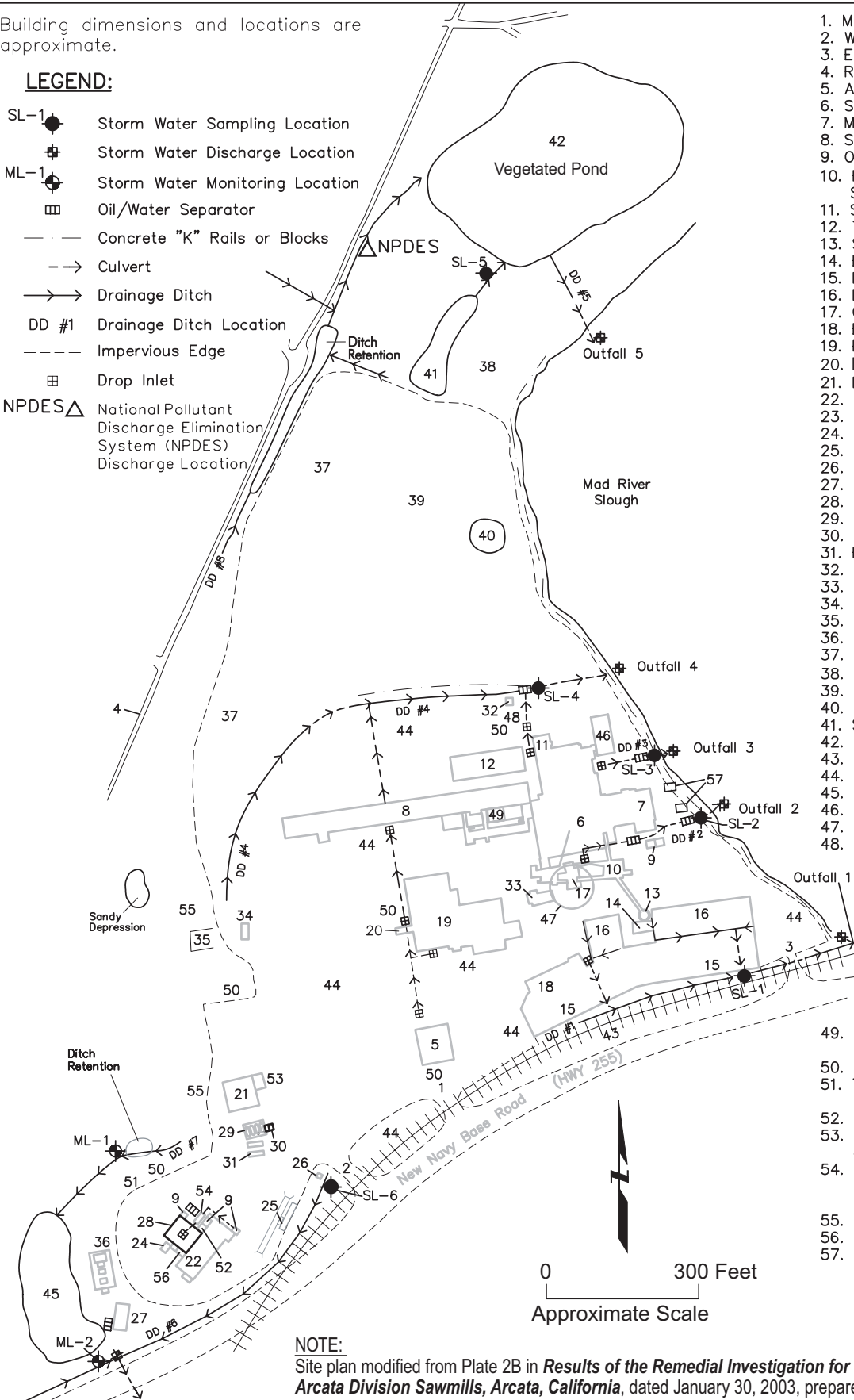
Figure No.
 1

Building dimensions and locations are approximate.

LEGEND:

- SL-1 ● Storm Water Sampling Location
- Storm Water Discharge Location
- ML-1 ● Storm Water Monitoring 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 (removed)
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. Former Ash Stockpile
36. Electrical Substation
37. Douglas Fir Log Deck
38. Fir/Pine Log Deck
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
49. Former Dip Tank Location
50. Employee Parking Areas
51. Transport Truck Parking Area
52. Steam Cleaning Shed
53. **Hazardous Waste Removal Storage Shed**
54. Steam Cleaner Water Underground Storage Tank
55. Bone Yard Area
56. Air Compressor Shed
57. Scrap Metal Bins



NOTE: Site plan modified from Plate 2B in *Results of the Remedial Investigation for Sierra Pacific Industries - Arcata Division Sawmills, Arcata, California*, dated January 30, 2003, prepared by EnviroNet.

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FACILITY MAP
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**

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)
01/05/04	0845	J. Chancey	No Rain	N	Dark water, 2-3" visibility, ¾ full	Rain	N
01/06/04	0930	J. Chancey	Lt. Rain	N	Dark water, 2-3" visibility, ¾ full	Rain	N
01/07/04	0815	J. Chancey	No Rain	N	Dark water, 2-3" visibility, <¾ full	Rain	N
01/08/04	0830	J. Chancey	Rain P.M.	N	Dark water, 2-3" visibility, <¾ full	Rain	N
01/09/04	0915	J. Chancey	Rain	N	Dark water, 2-3" visibility, <¾ full	Rain	N
01/12/04	0815	J. Chancey	Rain	N	Dark water, 2-3" visibility, <¾ full	Rain	N
01/13/04	0830	J. Chancey	No Rain	N	Dark water, 2-3" visibility, <¾ full	Rain	N
01/14/04	0800	J. Chancey	Rain	N	Dark water, no visible pollutants, ½ full	Rain	N
01/15/04	0845	J. Chancey	Rain A.M.	N	Dark water, no visible pollutants, ½ full	Rain	N
01/16/04	1000	J. Chancey	No Rain	N	Dark water, no visible pollutants, ½ full	Rain	N
01/19/04	0800	J. Chancey	Drizzle	N	Dark water, no visible pollutants, ½ full	Rain	N
01/20/04	0830	J. Chancey	No Rain	N	Dark water, no visible pollutants, <½ full	Rain	N
01/21/04	0745	J. Chancey	No Rain	N	Dark water, no visible pollutants, <½ full	Rain	N
1/22/04	0830	J. Chancey	No Rain	N	Dark water, no visible pollutants, <½ full	Rain	N
1/23/04	1130	J. Chancey	Rain	N	Dark water, no visible pollutants, <½ 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)
1/24/04	0845	J. Chancey	Rain	N	Dark water, 2" visibility, <1/2 full, no visible pollutants	Rain	N
1/26/04	0745	J. Chancey	Lt. Rain	N	Dark water, 2" visibility, <1/2 full, no visible pollutants	Rain	N
1/27/04	0800	J. Chancey	Rain	N	Dark water, 2" visibility, <1/2 full, no visible pollutants	Rain	N
1/28/04	0900	J. Chancey	Rain	N	Dark water, 2" visibility, 1/2 full, no visible pollutants	Rain	N
1/29/04	0800	J. Chancey	Drizzle	N	Dark water, 2" visibility, 1/2 full, no visible pollutants	Rain	N
1/30/04	0900	J. Chancey	Rain	N	Dark water, 2" visibility, 3/4 full, no visible pollutants	Rain	N

Notes: _____

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NPDES PERMIT NO. CA0024520, MONITORING PROGRAM**

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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)
2/2/04	1315	J. Chancey	Rain	N	Dark water 2" visibility, no visible pollutants ¾ full	Rain	N
2/3/05	0945	J. Chancey	Rain	N	Dark water 2" visibility, no visible pollutants ¾ full	Rain	N
2/4/04	0815	J. Chancey	No Rain	N	Dark water 2" visibility, no visible pollutants ¾ full	Rain	N
2/5/04	0815	J. Chancey	No Rain	N	Dark water 2" visibility, no visible pollutants <¾ full	Rain	N
2/6/04	0845	J. Chancey	Rain	N	Dark water 2" visibility, no visible pollutants <¾ full	Rain	N
2/7/04	0930	J. Chancey	Rain AM	N	Dark water 2" visibility, no visible pollutants >¾ full	Rain	N
2/9/04	0845	J. Chancey	No Rain	N	Dark water 2" visibility, no visible pollutants ¾ full	Rain	N
2/10/04	0900	J. Chancey	No Rain	N	Dark water 2" -3" visibility, no visible pollutants ¾ full	Rain	N
2/11/04	0815	J. Chancey	No Rain	N	Dark water 2" -3" visibility, no visible pollutants <¾ full	Rain	N
2/12/04	0730	J. Chancey	No Rain	N	Dark water 2" -3" visibility, no visible pollutants <¾ full	Rain	N
2/13/04	0845	J. Chancey	Rain P.M.	N	Dark water 2" -3" visibility, no visible pollutants <¾ full	Rain	N
2/16/04	0745	J. Chancey	Rain	N	Brown water, no visibility, ¾ full, no visible pollutants	Rain	N
2/17/04	0915	J. Chancey	Rain	N	Brown water, no visibility, ¾ full, no visible pollutants	Rain	N
2/18/04	1300	J. Chancey	Rain	N	Brown water, no visibility, > ¾ full, no visible pollutants	Rain	N
2/19/04	0745	J. Chancey	No Rain	N	Brown water, no visibility, ¾ full, no visible pollutants	Rain	N

Notes: _____

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

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

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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)
2/20/04	1045	J. Chancey	No Rain	N	Dark water 1" visibility, no visible pollutants, ¾ full	Rain	N
2/21/04	0800	J. Chancey	No Rain	N	Dark water 1" visibility, no visible pollutants, ¾ full	Rain	N
2/23/04	0900	J. Chancey	Lt. Rain AM	N	Dark water 1" visibility, no visible pollutants, ¾ full	Rain	N
2/24/04	0930	J. Chancey	Rain	N	Dark water, 1" visibility, no visible pollutants, ¾ full	Rain	N
2/25/04	0845	J. Chancey	Rain	N	Dark water, 1" visibility, no visible pollutants, >¾ full	Rain	N
2/26/04	0900	J. Chancey	Rain	N	Brown water, no visibility, no visible pollutants, >¾ full	Rain	N
2/27/04	1015	J. Chancey	Rain	N	Brown water, no visibility, no visible pollutants, 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)
3-1-04	0800	J. Chancey	Rain	N	Dark water, 1" visibility, bark pieces west end, > ¾ full, 1	Rain	N
3/2/04	0745	J. Chancey	No Rain	N	Dark water, 1" visibility, bark pieces west end, ¾ full, 1	Rain	N
3/3/04	0815	J. Chancey	Rain AM	N	Dark water, 1" visibility, bark pieces west end, ¾ full, 1	Rain	N
3/4/04	0730	J. Chancey	No Rain	N	Dark water, 1" visibility, bark pieces west end, ¾ full, 1	Rain	N
3/5/04	0845	J. Chancey	Rain	N	Dark water, 1" visibility, bark pieces west end, <¾ full, 1	Rain	N
3/6/04	1230	J. Chancey	No Rain	N	Dark water, 1" visibility, bark pieces west end, <¾ full, 1	Rain	N
3/8/04	1000	J. Chancey	No Rain	N	Dark water, 1" visibility, bark pieces west end, 1/2 full, 1	Rain	N
3/9/04	0815	J. Chancey	No Rain	N	Dark water, 4" visibility, bark pieces west end, 1/2 full, 1	Sprinklers	N
3/10/04	0745	J. Chancey	No Rain	N	Dark water, 4" visibility, bark pieces west end, 1/2 full, 1	Rain	N
3/11/04	1115	J. Chancey	No Rain	N	Dark water, 6" visibility, bark pieces in water, 3/4 full, 1	Sprinklers	N
3/12/04	0915	J. Chancey	No Rain	N	Dark water, 6" visibility, bark pieces in water, 3/4 full, 1	Sprinklers	N
3/15/04	0730	J. Chancey	No Rain	N	Dark water, 6" visibility, bark pieces in water, <3/4 full, 1	Sprinklers	N
3/16/04	0745	J. Chancey	No Rain	N	Dark water, 8" visibility, bark pieces in water, 1/2 full, 1	Sprinklers	N
3/17/04	0645	J. Chancey	No Rain	N	Dark water, 8" visibility, bark pieces in water, 1/2 full, 1	Sprinklers	N
3/18/04	0830	J. Chancey	No Rain	N	Dark water, 8" visibility, bark pieces in water, 1/2 full, 1	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)
3/19/04	0815	J. Chancey	No Rain	N	Dark water, 8" visibility, bark pieces on surface, 1/2 full, 1	Sprinklers	N
3/20/04	1000	J. Chancey	No Rain	N	Dark water, 8" visibility, bark pieces on surface, 1/2 full, 1	Sprinklers	N
3/22/04	0745	J. Chancey	No Rain	N	Dark water, 8" visibility, algae & bark pieces on surface, 1/2 full, 1	Sprinklers	N
3/23/04	0830	J. Chancey	No Rain	N	Dark water, 8" visibility, algae & bark pieces on surface, <1/2 full, 1	Sprinklers	N
1/24/04	1000	J. Chancey	Lt. Rain	N	Dark water, 8" visibility, algae & bark pieces on surface, <1/2 full, 1	Sprinklers	N
3/25/04	0730	J. Chancey	Rain	N	Dark water, 8" visibility, algae & bark pieces on surface, <1/2 full, 1	Rain	N
3/26/04	1015	J. Chancey	Rain	N	Dark water, 4" visibility, algae & bark pieces on surface, >1/2 full, 1	Rain	N
3/27/04	0745	J. Chancey	No Rain	N	Brown water, 4" visibility, algae & bark pieces on surface, 3/4 full, 1	Rain	N
3/29/04	0830	J. Chancey	No Rain	N	Brown water, 4" visibility, algae & bark pieces on surface, < 3/4 full, 1	Rain	N
3/30/04	0800	J. Chancey	Rain AM	N	Brown water, 1" visibility, bark pieces on surface, > 3/4 full, 1	Rain	N
3/31/04	0730	J. Chancey	No Rain	N	Brown water, 1" visibility, bark pieces and algae on surface, 3/4 full, 1	Rain	N

Notes: _____

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

WEEKLY OBSERVATION FORM - LOG DECK POND DISCHARGE

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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)
4/01/04	0815	J. Chancey	No Rain	N	Dark water, 2" visibility, bark and algae east end, 1	Log deck	N
4/02/04	1315	J. Chancey	No Rain	N	Dark water, 2" visibility, bark and algae, 1	Log Deck	N
4/05/04	0700	G. Amos	No Rain	N	Dark water, 3" visibility, bark and algae, 1	Log Deck	N
4/06/04	0715	G. Amos	No Rain	N	Dark water, 3" visibility, bark and algae, 1	Log Deck	N
4/07/04	1000	G. Amos	No Rain	N	Dark water, 3" visibility, bark and algae, 1	Log Deck	N
4/08/04	1330	G. Amos	No Rain	N	Dark water, 4" visibility, bark and algae, 1	Log Deck	N
4/09/04	0700	G. Amos	No Rain	N	Dark water, 4" visibility, bark and algae, 1	Log Deck	N
4/12/04	0745	J. Chancey	No Rain	N	Dark water, 6" visibility, bark and algae, 1/3 full, 1	Log Deck	N
4/13/04	1200	J. Chancey	Rain	N	Dark water, 6" visibility, bark and algae, 1/3 full, 1	Log Deck	N
4/14/04	0900	J. Chancey	Showers	N	Dark water, 6" visibility, bark and algae,>1/3 full, 1	Log Deck	N
4/15/04	0815	J. Chancey	Rain	N	Dark water, 8" visibility, bark and algae,>1/3 full, 1	Log Deck	N
4/16/04	0945	J. Chancey	No Rain	N	Dark water, 8" visibility, bark and algae,>1/3 full, 1	Log Deck	N
4/19/04	1030	J. Chancey	Showers	N	Dark water, 8" visibility, bark and algae< 1/2 full, 1	Log Deck	N
4/20/04	1230	J. Chancey	Rain	N	Dark water, 8" visibility, bark and algae< 1/2 full, 1	Log Deck	N
4/21/04	0730	J. Chancey	Rain	N	Dark water, 4" visibility, bark on surface, 1/2 full, 1	Log Deck	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)
4/22/04	0945	J. Chancey	No Rain	N	Dark water, bark on surface, 6" visibility, 1/2 full, 1	Log Deck	N
4/23/04	1100	J. Chancey	No Rain	N	Dark water, bark on surface, 6" visibility, 1/2 full, 1	Log Deck	N
4/24/04	0900	J. Chancey	No Rain	N	Dark water, bark on surface, 8" visibility, < 1/2 full, 1	Log Deck	N
4/26/04	0745	J. Chancey	No Rain	N	Dark water, bark on surface, 8" visibility, < 1/2 full, 1	Log Deck	N
4/27/04	0800	J. Chancey	No Rain	N	Dark water, bark on surface, 10" visibility, < 1/2 full, 1	Log Deck	N
4/28/04	0815	J. Chancey	No Rain	N	Dark water, bark on surface, 10" visibility, 1/3 full, 1	Log Deck	N
4/29/04	0715	J. Chancey	No Rain	N	Dark water, bark on surface, 10" visibility, 1/3 full, 1	Log Deck	N
4/30/04	1030	J. Chancey	No Rain	N	Dark water, bark and weed on surface, 10" visibility, 1/3 full, 1	Log Deck	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)
5/3/04	0745	J. Chancey	No Rain	N	Dark Water, 8" visibility, bark and weed on surface, ½ full, 1	Log Deck	N
5/4/04	0830	J. Chancey	No Rain	N	Dark Water, 8" visibility, bark and weed on surface, ½ full, 1	Log Deck	N
5/5/04	0745	J. Chancey	No Rain	N	Dark Water, 9" visibility, bark and weed on surface, > ½ full, 1	Log Deck	N
5/6/04	9745	J. Chancey	No Rain	N	Dark Water, 9" visibility, bark and weed on surface, > ½ full, 1	Log Deck	N
5/7/04	0845	J. Chancey	Lt. Rain	N	Dark Water, 9" visibility, bark and weed on surface, > ½ full, 1	Log Deck	N
5/8/04	0900	G. Amos	No Rain	N	Dark Water, 9" visibility, bark and weed on surface, > ½ full, 1	Log Deck	N
5/10/04	0730	J. Chancey	No Rain	N	Dark Water, 9" visibility, bark and weed on surface, ½ full, 1	Log Deck	N
5/11/04	0845	J. Chancey	Showers	N	Dark Water, 14" visibility, bark and weed on surface, >½ full, 1	Log Deck	N
5/12/04	0900	J. Chancey	No Rain	N	Dark Water, 14" visibility, bark and weed on surface, >½ full, 1	Log Deck	N
5/13/04	0730	J. Chancey	No rain	N	Dark Water, 14" visibility, bark, algae and weed on surface, >½ full, 1	Log Deck	N
5/14/04	0845	J. Chancey	No Rain	N	Dark Water, 14" visibility, bark, algae and weed on surface, ½ full, 1	Log Deck	N
5/17/04	0830	J. Chancey	Drizzle	N	Dark Water, 14" visibility, bark, algae and weed on surface, < ½ full, 1	Log Deck	N
5/18/04	0730	J. Chancey	Rain	N	Dark Water, 7" visibility, bark, algae and weed on surface, ½ full, 1	Log Deck	N
5/19/04	0830	J. Chancey	No Rain	N	Dark Water, 7" visibility, bark, algae and weed on surface, ½ full, 1	Log Deck	N
5/20/04	0730	J. Chancey	No Rain	N	Dark Water, 9" visibility, bark, algae and weed on surface, ½ full, 1	Log Deck	N

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**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)
5/21/04	0830	J. Chancey	No Rain	N	Dark water, 10" visibility, algae, weed and bark on surface, 1/2 full, 1	Log Deck	N
5/22/04	1115	J. Chancey	No Rain	N	Dark water, 10" visibility, algae, weed and bark on surface, 1/2 full, 1	Log Deck	N
5/24/04	0745	J. Chancey	No Rain	N	Dark water, 10" visibility, algae, weed and bark on surface, <1/2 full, 1	Log Deck	N
5/25/05	0800	J. Chancey	No Rain	N	Dark water, 10" visibility, algae, weed and bark on surface, <1/2 full, 1	Log Deck	N
5/26/04	0645	J. Chancey	No Rain	N	Dark water, 12" visibility, algae, weed and bark on surface, <1/2 full, 1	Log Deck	N
5/27/04	0730	J. Chancey	Rain P.M.	N	Dark water, 12" visibility, algae, weed and bark on surface, <1/2 full, 1	Log Deck	N
5/28/04	1015	J. Chancey	Rain A.M.	N	Dark water, 12" visibility, algae, weed and bark on surface, 1/2 full, 1	Log Deck	N

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**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)
6/01/04	0845	J. Chancey	No Rain	N	Dark water, 12" visibility, weed, algae and bark on surface, <1/2 full, 1	Log Deck	N
6/02/04	0745	J. Chancey	No Rain	N	Dark water, 12" visibility, weed, algae and bark on surface, <1/2 full, 1	Log Deck	N
6/03/04	0730	J. Chancey	Drizzle	N	Dark water, 12" visibility, weed, algae and bark on surface, <1/2 full, 1	Log Deck	N
6/04/04	1015	J. Chancey	Overcast	N	Dark water, 12" visibility, weed, algae and bark on surface, <1/2 full, 1	Log Deck	N
6/05/04	0700	J. Chancey	Drizzle	N	Dark water, 12" visibility, weed, algae and bark on surface, 1/3 full, 1	Log Deck	N
6/07/04	0745	J. Chancey	Lt Rain	N	Dark water, 12" visibility, weed, algae and bark on surface, 1/2 full, 1	Log Deck	N
6/08/04	0930	J. Chancey	No Rain	N	Dark water, 12" visibility, weed, algae and bark on surface, <1/2 full, 1	Log Deck	N
6/09/04	0745	J. Chancey	No Rain	N	Dark water, 14" visibility, weed, algae and bark on surface, 1/2 full, 1	Log Deck	N
6/10/04	1045	J. Chancey	No Rain	N	Dark water, 14" visibility, weed, algae and bark on surface, 1/2 full, 1	Log Deck	N
6/11/04	0930	J. Chancey	No Rain	N	Dark water, 16" visibility, weed, algae and bark on surface, 1/2 full, 1	Log Deck	N
6/14/04	0815	J. Chancey	No Rain	N	Dark water, 16" visibility, weed, algae and bark on surface, 1/2 full, 1	Log Deck	N
6/15/04	0845	J. Chancey	No Rain	N	Dark water, 16" visibility, weed, algae and bark on surface, <1/2 full, 1	Log Deck	N
6/16/04	1345	J. Chancey	No Rain	N	Dark water, 16" visibility, weed, algae and bark on surface, <1/2 full, 1	Log Deck	N
6/17/04	0745	J. Chancey	No Rain	N	Dark water, 16" visibility, weed, algae and bark on surface, <1/2 full, 1	Log Deck	N
6/18/04	1200	J. Chancey	No Rain	N	Dark water, 16" visibility, weed, algae and bark on surface, <1/2 full, 1	Log Deck	N

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**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)
6/21/04	0800	J. Chancey	No Rain	N	Dark water 16" visibility, bark, algae and weed on surface, 1/ 3 full, 1	Log Deck	N
6/22/04	2000	J. Chancey	No Rain	N	Dark water 16" visibility, bark, algae and weed on surface, 1/ 3 full, 1	Log Deck	N
6/23/04	0615	J. Chancey	No Rain	N	Dark water 16" visibility, bark, algae and weed on surface, 1/ 3 full, 1	Log Deck	N
6/24/04	1000	J. Chancey	No Rain	N	Dark water 16" visibility, bark, algae and weed on surface, 1/ 3 full, 1	Log Deck	N
6/25/04	0930	J. Chancey	No Rain	N	Dark water 16" visibility, bark, algae and weed on surface, 1/ 3 full, 1	Log Deck	N
6/28/04	0800	J. Chancey	No Rain	N	Dark water 16" visibility, bark, algae and weed on surface, 1/ 3 full, 1	Log Deck	N
6/29/04	0930	J. Chancey	No Rain	N	Dark water 16" visibility, bark, algae and weed on surface, 1/ 3 full, 1	Log Deck	N
6/30/04	1000	J. Chancey	No Rain	N	Dark water 16" visibility, bark, algae and weed on surface, 1/ 3 full, 1	Log Deck	N

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**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)
7/1/04	0800	J. Chancey	No Rain	N	Dark water, 16" visibility, Bark, Moss and Weed on surface, 1/3 full, 1	Log Deck	N
7/2/04	1315	J. Chancey	No Rain	N	Dark water, 16" visibility, Bark, Moss and Weed on surface, 1/3 full, 1	Log Deck	N
7/6/04	0730	J. Chancey	No Rain	N	Dark water, 16" visibility, Bark, Moss and Weed on surface, 1/3 full, 1	Log Deck	N
7/7/04	0715	J. Chancey	No Rain	N	Dark water, 16" visibility, Bark, Moss and Weed on surface, <1/3 full, 1	Log Deck	N
7/8/04	0745	J. Chancey	No Rain	N	Dark water, 16" visibility, Bark, Moss and Weed on surface, 1/4 full, 1	Log Deck	N
7/9/04	1000	J. Chancey	No Rain	N	Dark water, 16" visibility, Bark, Moss and Weed on surface, <1/4 full, 1	Log Deck	N
7/10/04	0715	J. Chancey	No Rain	N	Dark water, 16" visibility, Bark, Moss and Weed on surface, <1/4 full, 1	Log Deck	N
7/12/04	0730	J. Chancey	No Rain	N	Dark water, 16" visibility, Bark, Moss and Weed on surface, <1/4 full, 1	Log Deck	N
7/13/04	0845	J. Chancey	No Rain	N	Dark water, see bottom, Bark, Moss and Weed on surface, <1/4 full, 1	Log Deck	N
7/14/04	0745	J. Chancey	No Rain	N	Dark water, see bottom, Bark, Moss and Weed on surface, 1/8 full,	Log Deck	N
7/15/04	0730	J. Chancey	No Rain	N	Dark water, see bottom, Bark, Moss and Weed on surface, 1/4 full,	Log Deck	N
7/16/04	0945	J. Chancey	No Rain	N	Dark water, see bottom, Bark, Moss and Weed on surface, 1/8 full,	Log Deck	N
7/19/04	0700	J. Chancey	Drizzle	N	Reddish water, 1" visibility, Bark, Moss and Weed on surface, 1/8 full,	Log Deck	N
7/20/04	0715	J. Chancey	No Rain	N	Reddish water, 1" visibility, Bark, Moss and Weed on surface, 1/4 full,	Log Deck	N
7/21/04	0700	J. Chancey	No Rain	N	Reddish water, 1" visibility, Bark, Moss and Weed on surface, 1/4 full,	Log Deck	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)
7/22/04	0745	J. Chancey	No Rain	N	Red water, 1" visibility, weed, bark and algae on surface, ¼ full, 1	Log Deck	N
7/23/04	0900	J. Chancey	No Rain	N	Red water, 1" visibility, weed, bark and algae on surface, ¼ full, 1	Log Deck	N
7/26/04	0800	J. Chancey	Overcast	N	Brown water, 2" visibility, weed, bark and algae on surface, ¼ full, 1	Log Deck	N
7/27/04	0730	J. Chancey	Overcast	N	Dark water, 6" visibility, weed, bark and algae on surface, > ¼ full, 1	Log Deck	N
7/28/04	0745	J. Chancey	Overcast	N	Red water, 1" visibility, weed, bark and algae on surface, > ¼ full, 1	Log Deck	N
7/29/04	0800	J. Chancey	Overcast	N	Red water, 1" visibility, weed, bark and algae on surface, > ¼ full, 1	Log Deck	N
7/29/04	0830	J. Chancey	Overcast	N	Red water, 1" visibility, weed, bark and algae on surface, > ¼ full, 1	Log Deck	N

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**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)
8/02/04	1315	J. Chancey	Cloudy	N	Red water, 1" visibility, weed, bark and algae on surface, ¼ full, 1	Log deck	N
8/03/04	0730	J. Chancey	Overcast	N	Brown water, 1" visibility, weed, bark and algae on surface, ¼ full, 1	Log Deck	N
8/04/04	0745	J. Chancey	No Rain	N	Brown water, 3" visibility, weed, bark and algae on surface, ¼ full, 1	Log Deck	N
8/5/04	0800	J. Chancey	Overcast	N	Brown water, 3" visibility, weed, bark and algae on surface, ¼ full, 1	Log Deck	N
8/6/04	0900	J. Chancey	Rain	N	Brown water, 3" visibility, weed, bark and algae on surface, ¼ full, 1	Log Deck	N
8/9/04	0730	J. Chancey	Overcast	N	Dark water, 4" visibility, weed, bark and algae on surface, ¼ full, 1	Log Deck	N
8/10/04	0745	J. Chancey	Drizzle	N	Dark water, 4" visibility, weed, bark and algae on surface, < ¼ full, 1	Log Deck	N
8/11/04	0800	J. Chancey	Drizzle	N	Dark water, 4" visibility, weed, bark and algae on surface, < ¼ full, 1	Log Deck	N
8/12/04	0745	J. Chancey	Overcast	N	Dark water, 6" visibility, weed, bark and algae on surface, < ¼ full, 1	Log Deck	N
8/13/04	1030	J. Chancey	Overcast	N	Dark water, 6" visibility, weed, bark and algae on surface, < ¼ full, 1	Log Deck	N
8/16/04	0730	J. Chancey	No Rain	N	Dark water, 6" visibility, weed, bark and algae on surface, 1/8 full, 1	Log Deck	N
8/17/04	0745	J. Chancey	Foggy	N	Dark water, 6" visibility, weed, bark and algae on surface, 1/8 full, 1	Log Deck	N
8/18/04	0845	J. Chancey	Drizzle	N	Dark water, 6" visibility, weed, bark and algae on surface, 1/8 full, 1	Log Deck	N
8/19/04	0800	J. Chancey	Drizzle	N	Dark water, 6" visibility, weed, bark and algae on surface, 1/8 full, 1	Log Deck	N
8/20/04	0915	J. Chancey	Overcast	N	Dark water, 6" visibility, weed, bark and algae on surface, 1/8 full, 1	Log Deck	N

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**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)
8/23/04	0730	J. Chancey	Drizzle	N	Dark Water, 10" visibility, weed and bark on surface, 1/8 full, 1	Log Deck	N
8/24/04	0745	J. Chancey	Drizzle	N	Dark Water, 10" visibility, weed and bark on surface, 1/8 full, 1	Log Deck	N
8/25/04	0800	J. Chancey	Sprinkles	N	Dark Water, 10" visibility, weed and bark on surface, < 1/8 full, 1	Log Deck	N
8/26/04	0900	J. Chancey	Foggy	N	Dark Water, 10" visibility, weed and bark on surface, < 1/8 full, 1	Log Deck	N
8/27/04	0945	J. Chancey	No Rain	N	Dark Water, 10" visibility, weed and bark on surface, < 1/8 full, 1	Log Deck	N
8/30/04	0745	J. Chancey	Foggy	N	Dark Water, 10" visibility, weed and bark on surface, 1/8 full, 1, Water north end only	Log Deck	N
8/31/04	0815	J. Chancey	Drizzle	N	Dark Water, 10" visibility, weed and bark on surface, 1/8 full, 1	Log Deck	N

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**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
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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)
9/1/04	0830	J. Chancey	Overcast	N	Dark water 12" visibility, weed and bark and algae on surface, 1/8 full, 1	Log Deck	N
9/2/04	0745	J. Chancey	No rain	N	Dark water 12" visibility, weed and bark and algae on surface, 1/8 full, 1	Log Deck	N
9/3/04	0845	J. Chancey	No Rain	N	Dark water 12" visibility, weed and bark and algae on surface, 1/8 full, 1	Log Deck	N
9/6/04	Holiday						
9/7/04	0715	J. Chancey	No Rain	N	Dark water 12" visibility, weed and bark and algae on surface, 1/8 full, 1	Log Deck	N
9/8/04	0730	J. Chancey	No Rain	N	Dark water 6" visibility, weed and bark and algae on surface, >1/8 full, 1	Log Deck	N
9/9/04	0745	J. Chancey	Overcast	N	Dark water 6" visibility, weed and bark and algae on surface, 1/4 full, 1	Log Deck	N
9/10/04	0900	J. Chancey	Overcast	N	Dark water 6" visibility, weed, bark, and algae on surface, 1/4 full, 1	Log Deck	N
9/11/04	0800	J. Chancey	Clear	N	Dark water 6" visibility, weed, bark, and algae on surface, <1/4 full, 1	Log Deck	N
9/13/04	0915	J. Chancey	Drizzle	N	Dark water 6" visibility, weed, bark, and algae on surface, <1/4 full, 1	Log Deck	N
9/14/04	0800	J. Chancey	Clear	N	Dark water 8 visibility, weed, bark, and algae on surface, 1/8 full, 1	Log Deck	N
9/15/04	0745	J. Chancey	Overcast	N	Dark water 8 visibility, weed, bark, and algae on surface, 1/8 full, 1	Log Deck	N
9/16/04	0730	J. Chancey	Foggy	N	Dark water 8 visibility, weed, bark, and algae on surface, 1/8 full, 1	Log Deck	N
9/17/04	0815	J. Chancey	Drizzle	N	Dark water 8 visibility, weed, bark, and algae on surface, <1/8 full, 1	Log Deck	N
9/20/04	0900	G. Amos	No Rain	N	Dark water 8 visibility, weed, bark, and algae on surface, <1/8 full, 1	Log Deck	N

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**SIERRA PACIFIC INDUSTRIES - ARCATA MILL DIVISION
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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)
9/21/04	0745	J. Chancey	No Rain	N	Dark Water, algae, weed and bark on surface, 1/8 full, 1	Log Deck	N
9/22/04	0930	G. Amos	No Rain	N	Dark Water, algae, weed and bark on surface, < 1/8 full, 1	Log Deck	N
9/23/04	1000	J. Chancey	No Rain	N	Dark Water, algae, weed and bark on surface, nearly dry, 1	Log Deck	N
9/24/04	0930	J. Chancey	Overcast	N	Dark Water, algae, weed and bark on surface, nearly dry, 1	Log Deck	N
9/27/04	0800	J. Chancey	No Rain	N	Algae, weed and bark on mud surface, no standing water, 1	Log Deck	N
9/28/04	0745	J. Chancey	Overcast	N	Algae, weed and bark on mud surface, no standing water, 1	Log Deck	N
9/29/04	0815	J. Chancey	Drizzle	N	Algae, weed and bark on mud surface, no standing water, 1	Log Deck	N
9/30/04	0800	J. Chancey	Overcast	N	Algae, weed and bark on mud surface, no standing water, 1	Log Deck	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)
10/01/04	0945	J. Chancey	Overcast	N	Algae, weed and bark on mud, no standing water. 1	Log Deck	N
10/04/04	0800	J. Chancey	Overcast	N	Algae, weed and bark 6" water, good clarity, weak tea color, 1	Log Deck	N
10/05/04	0800	J. Chancey	Drizzle	N	Algae, weed and bark 4" water, good clarity, weak tea color, 1	Log Deck	N
10/6/04	0745	J. Chancey	Clear	N	Algae, weed and bark 4" water, good clarity, weak tea color, 1	Log Deck	N
10/7/04	0730	J. Chancey	Foggy	N	Algae, weed and bark 2" water, good clarity, weak tea color, 1	Log Deck	N
10/08/04	0900	J. Chancey	Cloudy	N	Algae, weed and bark 2" puddles, good clarity, weak tea color, 1	Log Deck	N
10/11/04	0745	J. Chancey	Clear	N	Algae, weed and bark 2" puddles, good clarity, weak tea color, 1	Log Deck	N
10/12/04	0800	J. Chancey	Clear	N	Algae, weed and bark 2" puddles, good clarity, weak tea color, 1	Log Deck	N
10/13/04	0815	J. Chancey	Clear	N	Algae, weed and bark 4" puddles, good clarity, weak tea color, 1	Log Deck	N
10/14/04	0830	J. Chancey	Clear	N	Algae, weed and bark 4" puddles, good clarity, weak tea color, 1	Log Deck	N
10/15/04	0930	J. Chancey	Clear	N	Algae, weed and bark 6", good clarity, weak tea color, 1	Log Deck	N
10/18/04	0830	J. Chancey	Drizzle	N	Algae, weed and bark on surface, water 8" deep, muddy, 1	Log Deck	N
10/19/04	0845	J. Chancey	Rain	N	Algae, weed and bark on surface, water 8"-10" deep, muddy, 1	Log Deck	N
10/20/04	0800	J. Chancey	Cloudy	N	Algae, weed and bark on surface, water 8"-10" deep, muddy, 1	Log Deck	N
10/21/04	0815	J. Chancey	Clear	N	Algae, weed and bark on surface, water 8"-10" deep, muddy, 1	Log Deck	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)
10/22/04	0900	J. Chancey	damp	N	Algae, weed and bark on surface, water 8"-10" deep, muddy, 1	Log Deck	N
10/25/04	0815	J. Chancey	Cloudy	N	Algae, weed and bark on surface, water 6"-8" deep, muddy, 1	Log Deck	N
10/26/04	0800	J. Chancey	Rain	N	Bark on surface, ½ full, muddy, 1	Log Deck	N
10/27/04	0815	J. Chancey	Clear	N	Bark on surface, ½ full, muddy, 1	Log Deck	N
10/28/04	0830	J. Chancey	Clear	N	Bark on surface, ½ full, muddy, 1	Log Deck	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)
11/01/04	0930	J. Chancey	Clear	N	Algae, weed and bark on surface, ¼ full, muddy. 1	Log Deck	N
11/02/04	0830	J. Chancey	Clear	N	Algae, weed and bark on surface, ¼ full, muddy. 1	Log Deck	N
11/03/04	0815	J. Chancey	Cloudy	N	Algae, weed and bark on surface, ¼ full, muddy. 1	Log Deck	N
11/04/04	0800	J. Chancey	Cloudy	N	Algae, weed and bark on surface, < ¼ full, muddy. 1	Log Deck	N
11/05/04	0845	J. Chancey	Clear	N	Algae, weed and bark on surface, < ¼ full, muddy. 1	Log Deck	N
11/08/04	0900	J. Chancey	Misty	N	Algae, weed and bark on surface, 1/8 full, muddy. 1	Log Deck	N
11/09/04	0730	J. Chancey	Cloudy	N	Algae, weed and bark on surface, 1/8 full, muddy. 1	Log Deck	N
11/10/04	0830	J. Chancey	Cloudy	N	Algae, weed and bark on surface, < 1/8 full, muddy. 1	Log Deck	N
11/11/04	0815	J. Chancey	Clear	N	Algae, weed and bark on surface, < 1/8 full, muddy. 1	Log Deck	N
11/12/04	0945	J. Chancey	Cloudy	N	Algae, weed and bark on surface, < 1/8 full, muddy. 1	Log Deck	N
11/15/04	0930	J. Chancey	cloudy	N	Algae, weed and bark on surface, puddles, muddy. 1	Log Deck	N
11/16/04	0800	J. Chancey	drizzle	N	Algae, weed and bark on surface, puddles, muddy. 1	Log Deck	N
11/17/04	1300	J. Chancey	Cloudy	N	Algae, weed and bark on surface, puddles, muddy. 1	Log Deck	N
11/18/04	0830	J. Chancey	Foggy	N	Algae, weed and bark on surface, puddles, muddy. 1	Log Deck	N
11/19/04	0915	J. Chancey	Clear	N	Algae, weed and bark on surface, ½ ditch dry. 1	Log Deck	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)
11/22/04	0745	J. Chancey	Cloudy	N	Algae, weed and bark on surface, ½ ditch dry, 1	Log Deck	N
11/23/04	0830	J. Chancey	Cloudy	N	Algae, weed and bark on surface, ditch nearly dry, 1	Log Deck	N
11/24/04	0745	J. Chancey	Cloudy	N	Algae, weed and bark on surface, ditch nearly dry, 1	Log Deck	N
11/25/04	Holiday						
11/26/04	Holiday						
11/29/04	0900	G. Amos	Cloudy	N	Algae, weed and bark on surface, ditch nearly dry, 1	Log Deck	N
11/30/04	0845	G. Amos	Cloudy	N	Algae, weed and bark on surface, ditch nearly dry, 1	Log Deck	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)
12/1/04	0915	G. Amos	Cloudy	N	Algae, weed and bark on surface, ditch nearly dry, 1	Log Deck	N
12/2/04	0930	G. Amos	Cloudy	N	Algae, weed and bark on surface, ditch nearly dry, 1	Log Deck	N
12/3/04	0915	G. Amos	Cloudy	N	Algae, weed and bark on surface, ditch nearly dry, 1	Log Deck	N
12/6/04	0845	J. Chancey	Rain	N	Algae, weed and bark on surface, ditch ½ dry, 1	Log Deck	N
12/7/04	0830	J. Chancey	Cloudy	N	Algae, weed and bark on surface, ditch ¾ dry, 1	Log Deck	N
12/8/04	0745	J. Chancey	Rain	N	Brown water, bark floating on west end, ½ full, 1	Log Deck	N
12/9/04	0945	J. Chancey	Rain	N	Brown water, bark floating on west end, < ½ full, 1	Log Deck	N
12/10/04	0930	J. Chancey	Drizzle	N	Brown water, bark floating on west end, < ½ full, 1	Log Deck	N
12/13/04	0800	J. Chancey	Cloudy	N	Brown water, bark floating on west end, < 1/4 full, 1	Log Deck	N
12/14/04	0830	J. Chancey	Fog	N	Brown water, bark floating on west end, < 1/4 full, 1	Log Deck	N
12/15/04	0845	J. Chancey	Fog	N	Brown water, bark floating on west end, < 1/4 full, 1	Log Deck	N
12/16/04	0800	J. Chancey	Fog	N	Brown water, bark floating on west end, < 1/4 full, 1	Log Deck	N
12/17/04	0900	J. Chancey	Fog	N	Brown water, bark floating on west end, < 1/4 full, 1	Log Deck	N
12/20/04	0845	J. Chancey	Cloudy	N	Brown water, bark floating on west end, 1/8 full, 1	Log Deck	N
12/21/04	0830	J. Chancey	Clear	N	Brown water, bark floating on west end, 1/8 full, 1	Log Deck	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)
12/22/04	0900	J. Chancey	Clear	N	Brown water puddles, bark on surface, 1	Log Deck	N
12/23/04	0930	J. Chancey	Clear	N	Brown water puddles, bark on surface, 1	Log Deck	N
12/24/04					HOLIDAY		
12/27/04	0815	J. Chancey	Rain	N	Dark tea color, bark on surface, ¼ full, 1	Log Deck	N
12/28/04	0900	J. Chancey	Rain	N	Dark tea color, bark on surface, ¼ full, 1	Log Deck	N
12/29/04	0945	J. Chancey	Cloudy	N	Dark tea color, bark on surface, ¼ full, 1	Log Deck	N
12/30/04	0815	J. Chancey	Rain	N	Dark tea color, bark on surface, 1/2 full, 1	Log Deck	N
12/31/04					HOLIDAY		

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)
1/05/04	0830	J. Chancey	No Rain	Y	Clear water, light flow, no visible pollutants	Pond	N
01/06/04	0915	J. Chancey	Lt. Rain	Y	Clear water, high tide backup, no visible pollutants	Pond	N
01/07/04	0830	J. Chancey	No Rain	Y	Clear water, high tide backup, no visible pollutants	Pond	N
01/08/04	0845	J. Chancey	Rain P.M.	Y	Clear water, high tide backup, no visible pollutants	Pond	N
01/09/04	0930	J. Chancey	Rain	Y	Clear water, high tide backup, no visible pollutants	Pond	N
01/12/04	0830	J. Chancey	Rain	Y	Clear water, no visible pollutants , moderate flow	Pond	N
01/13/04	0845	J. Chancey	No Rain	Y	Clear water, no visible pollutants , moderate flow	Pond	N
01/14/04	0815	J. Chancey	Rain	Y	Clear, clean water, no visible pollutants, low flow	Pond	N
01/15/04	0900	J. Chancey	Rain A.M.	Y	Clear, clean water, no visible pollutants, low flow	Pond	N
01/16/04	1015	J. Chancey	No Rain	Y	Clear, clean water, no visible pollutants, low flow	Pond	N
01/19/04	0815	J. Chancey	Drizzle	Y	Clear water, high tide backup, no visible pollutants	Pond	N
01/20/04	0845	J. Chancey	No Rain	Y	Clear water, high tide backup, no visible pollutants	Pond	N
01/21/04	0800	J. Chancey	No Rain	Y	Clear water, high tide backup, no visible pollutants	Pond	N
1/22/04	0845	J. Chancey	No Rain	Y	Clear water, low flow, no visible pollutants	Pond	N
1/23/04	1145	J. Chancey	Rain	Y	Clear water, high tide backup, 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)
1/24/04	0900	J. Chancey	Rain	Y	Low clear flow, no visible pollutants	Pond	N
1/26/04	0800	J. Chancey	Lt. Rain	Y	Low clear flow, no visible pollutants	Pond	N
1/27/04	0815	J. Chancey	Rain	Y	Low clear flow, no visible pollutants	Pond	N
1/28/04	0915	J. Chancey	Rain	Y	Moderate clear flow, no visible pollutants	Pond	N
1/29/04	0815	J. Chancey	Drizzle	Y	Moderate clear flow, no visible pollutants	Pond	N
1/30/04	0915	J. Chancey	Rain	Y	Heavy 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)
2/2/04	1300	J. Chancey	Rain	Y	Clear water heavy flow, no visible pollutants	Pond	N
2/3/04	1000	J. Chancey	Rain	Y	High tide backup, clear water, some white scum in ditch	Pond	N
2/4/04	0830	J. Chancey	No Rain	Y	High tide backup, clear water, some white scum in ditch	Pond	N
2/5/04	0830	J. Chancey	No Rain	Y	High tide backup, clear water, some white scum in ditch	Pond	N
2/6/04	0900	J. Chancey	Rain	Y	High tide backup, clear water, no visible pollutants	Pond	N
2/7/04	0945	J. Chancey	Rain AM	Y	Clear water moderate flow, no visible pollutants	Pond	N
2/9/04	0830	J. Chancey	No Rain	Y	Clear water moderate flow, no visible pollutants	Pond	N
2/10/04	0915	J. Chancey	No Rain	Y	Clear water moderate flow, no visible pollutants	Pond	N
2/11/04	0830	J. Chancey	No Rain	Y	Clear water moderate flow, no visible pollutants	Pond	N
2/12/04	0745	J. Chancey	No Rain	Y	Clear water moderate flow, no visible pollutants	Pond	N
2/13/04	0900	J. Chancey	Rain P.M.	Y	Light tan colored water, small biologic film, clear	Pond	N
2/16/04	0800	J. Chancey	Rain	Y	Clear water moderate flow, no visible pollutants	Pond	N
2/17/04	0930	J. Chancey	Rain	Y	High tide backing up into outflow. No visible pollutants in ditch	Pond	N
2/18/04	1315	J. Chancey	Rain	Y	Clear water, heavy flow, no visible pollutants	Pond	N
2/19/04	0800	J. Chancey	Rain	Y	Clear water, moderate 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)
2/20/04	1100	J. Chancey	No Rain	Y	Clear water, no visible pollutants, high tide backup	Pond	N
2/21/04	0815	J. Chancey	No Rain	Y	Clear water, no visible pollutants, moderate flow	Pond	N
2/23/04	0915	J. Chancey	Lt Rain AM	Y	Clear water, no visible pollutants, moderate flow	Pond	N
2/24/04	0945	J. Chancey	Rain	Y	Clear water, no visible pollutants, moderate flow.	Pond	N
2/25/04	0900	J. Chancey	Rain	Y	Clear water, no visible pollutants, moderate to heavy flow.	Pond	N
2/26/04	0915	J. Chancey	Rain	Y	Clear water, no visible pollutants, moderate to heavy flow.	Pond	N
2/27/04	1030	J. Chancey	Rain	Y	Tea colored water, no visible pollutants, heavy flow	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)
3/1/04	0815	J. Chancey	Rain	Y	Clear water in front of culvert, high tide backing into ditch, no visible pollutants 1	Pond	N
3/2/04	0800	J. Chancey	No Rain	Y	Clear water in front of culvert, high tide backing into ditch, no visible pollutants 1	Pond	N
3/3/04	0830	J. Chancey	Rain AM	Y	Clear water in front of culvert, high tide backing into ditch, biologic sheen in ditch 1	Pond	N
3/4/04	0745	J. Chancey	No Rain	Y	Clear water in front of culvert, biologic sheen in ditch, mod. discharge 1	Pond	N
3/5/04	0900	J. Chancey	Rain	Y	Clear water in front of culvert, biologic sheen in ditch, mod. discharge 1	Pond	N
3/6/04	1245	J. Chancey	No Rain	Y	Clear water, moderate flow, spotty biologic sheen in ditch, 1	Pond	N
3/8/04	1015	J. Chancey	No Rain	Y	Clear water, moderate flow, spotty biologic sheen in ditch, 1	Pond	N
3/9/04	0830	J. Chancey	No Rain	Y	Clear water, moderate flow, spotty biologic sheen in ditch, 1	Pond	N
3/10/04	0800	J. Chancey	No Rain	Y	Clear, tea colored water, biologic film on surface, low flow 1	Pond	N
3/11/04	1030	J. Chancey	No Rain	Y	Clear, tea colored water, biologic film on surface, low flow 1	Pond	N
3/12/04	0930	J. Chancey	No Rain	Y	Clear, tea colored water, biologic film on surface, low flow 1	Pond	N
3/15/04	0745	J. Chancey	No Rain	Y	Clear water in front of culvert, high tide backing into ditch, spotty biologic sheen 1	Pond	N
3/16/04	0800	J. Chancey	No Rain	Y	Clear water in front of culvert, high tide backing into ditch, spotty biologic sheen 1	Pond	N
3/17/04	0700	J. Chancey	No Rain	Y	Clear water in front of culvert, high tide backing into ditch, spotty biologic sheen 1	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)
3/18/04	0845	J. Chancey	No Rain	Y	Clear water, slight scum on surface, low flow, 1	Pond	N
3/19/04	0830	J. Chancey	No Rain	Y	Clear water, slight scum on surface, low flow, 1	Pond	N
3/20/04	1015	J. Chancey	No Rain	Y	Clear water, slight scum on surface, low flow, 1	Pond	N
3/22/04	0800	J. Chancey	No Rain	Y	Clear water, slight scum on surface, low flow, 1	Pond	N
3/23/04	0815	J. Chancey	No Rain	Y	Clear water, slight scum on surface, low flow, 1	Pond	N
3/24/04	1015	J. Chancey	Lt. Rain	Y	Clear water, slight scum on surface, low flow, 1	Pond	N
3/25/04	0745	J. Chancey	Rain	Y	Clear water, leaves covering surface, low flow, 1	Pond	N
3/26/04	1000	J. Chancey	Rain	Y	Clear water, leaves covering surface, moderate flow, 1	Pond	N
3/27/04	0800	J. Chancey	No Rain	Y	Clear water, biologic film, moderate flow, 1	Pond	N
3/29/04	0815	J. Chancey	No Rain	Y	Clear water, biologic film on surface, low flow, 1	Pond	N
3/30/04	0745	J. Chancey	Rain AM	Y	High tide backup, clear water, thin biologic scum on surface, 1	Pond	N
3/31/04	0745	J. Chancey	No Rain	Y	High tide backup, clear water, thin biologic scum on surface, 1	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)
4/1/04	0830	J. Chancey	No Rain	Y	Clear water, biologic scum on surface, low flow, 1	Pond	N
4/2/04	1300	J. Chancey	No Rain	Y	Clear water, biologic scum on surface, low flow, 1	Pond	N
4/05/04	0715	G. Amos	No Rain	Y	Clear water, biologic scum on surface, low flow, 1	Ponds	N
4/06/04	0730	G. Amos	No Rain	Y	Clear water, biologic scum on surface, low flow, 1	Pond	N
4/07/04	1015	G. Amos	No Rain	Y	Clear water, biologic scum on surface, low flow, 1	Pond	N
4/08/04	1345	G. Amos	No Rain	Y	Clear water, biologic scum on surface, low flow, 1	Pond	N
4/09/04	0715	G. Amos	No Rain	Y	Clear water, biologic scum on surface, low flow, 1	Pond	N
4/12/04	0800	J. Chancey	No Rain	Y	Clear water, biologic scum on surface, low flow, 1	Pond	N
4/13/04	1215	J. Chancey	Rain	Y	Clear water, biologic scum on surface, low flow, 1	Pond	N
4/14/04	0930	J. Chancey	Showers	Y	Clear water, biologic scum on surface, low flow, 1	Pond	N
4/15/04	0800	J. Chancey	Rain	Y	Clear water, pollen and leaves on surface, low flow, 1	Pond	N
4/16/04	1000	J. Chancey	No Rain	Y	Clear water, pollen and leaves on surface, low flow, 1	Pond	N
4/19/04	1045	J. Chancey	Showers	Y	Clear water, leaves and biologic scum on surface, low flow, 1	Pond	N
4/20/04	1245	J. Chancey	Rain	Y	Clear water, biologic scum on surface, low flow, 1	Pond	N
4/21/04	0745	J. Chancey	Rain	Y	Clear water, biologic scum on surface, moderate flow, 1	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)
4/22/04	1000	J. Chancey	No Rain	Y	Clear water, low flow, biologic scum on surface, 1	Pond	N
4/23/04	1115	J. Chancey	No Rain	Y	Clear water, low flow, biologic scum on surface, 1	Pond	N
4/24/04	0915	J. Chancey	No Rain	Y	Clear water, low flow, biologic scum on surface, 1	Pond	N
0426/04	0800	J. Chancey	No Rain	Y	Clear water, low flow, thin biologic scum on surface, 1	Pond	N
4/27/04	0815	J. Chancey	No Rain	Y	Clear water, low flow, thin biologic scum on surface, 1	Pond	N
4/28/04	0830	J. Chancey	No Rain	Y	Clear water, low flow, thin biologic scum on surface, 1	Pond	N
4/29/04	0730	J. Chancey	No Rain	Y	Clear water, low flow, thin biologic scum on surface, 1	Pond	N
4/30/04	1045	J. Chancey	No Rain	Y	Clear water, low flow, thin biologic scum on surface, 1	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)
5/03/04	0800	J. Chancey	No Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/4/04	0815	J. Chancey	No Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/5/04	0800	J. Chancey	No Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/6/04	0730	J. Chancey	No Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/7/04	0900	J. Chancey	Lt. Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/8/04	0915	G. Amos	No Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/10/04	0745	J. Chancey	No Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/11/04	0900	J. Chancey	Showers	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/12/04	0915	J. Chancey	No Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/13/04	0745	J. Chancey	No Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/14/04	0900	J. Chancey	No Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/17/04	0845	J. Chancey	Drizzle	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/18/04	0745	J. Chancey	Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/19/04	0845	J. Chancey	No Rain	Y	Clear water, low flow, light biologic film on surface, 1	Pond	N
5/20/04	0745	J. Chancey	No Rain	Y	Clear water, low flow, light biologic film on surface, 1	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)
5/21/04	0845	J. Chancey	No Rain	Y	Clear water, low flow, light biologic scum of surface, 1	Pond	N
5/22/04	1130	J. Chancey	No Rain	Y	Clear water, low flow, light biologic scum of surface, 1	Pond	N
5/24/04	0800	J. Chancey	No Rain	Y	Clear water, low flow, light biologic scum of surface, 1	Pond	N
5/25/04	0815	J. Chancey	No Rain	Y	Clear water, low flow, light biologic scum of surface, 1	Pond	N
5/26/04	0700	J. Chancey	No rain	Y	Clear water, low flow, light biologic scum of surface, 1	Pond	N
5/27/04	0745	J. Chancey	Rain P.M.	Y	Clear water, low flow, light biologic scum of surface, 1	Pond	N
5/28/04	1030	J. Chancey	Rain A.M.	Y	Clear water, low flow, light tea color, 1	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)
6/01/04	0900	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, low flow, 1	Pond	N
6/02/04	0800	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, low flow, 1	Pond	N
6/03/04	0745	J. Chancey	Drizzle	Y	Clear water, weak tea color, thin film on surface, low flow, 1	Pond	N
6/04/04	1030	J. Chancey	Overcast	Y	Clear water, weak tea color, thin film on surface, low flow, 1	Pond	N
6/05/04	0715	J. Chancey	Drizzle	Y	Clear water, weak tea color, thin film on surface, low flow, 1	Pond	N
6/07/04	0800	J. Chancey	Lt Rain	Y	Clear water, weak tea color, thin film on surface, low flow, 1	Pond	N
6/08/04	0945	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, low flow, 1	Pond	N
6/09/04	0800	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, low flow, 1	Pond	N
6/10/04	1100	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, low flow, 1	Pond	N
6/11/04	0945	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, low flow, 1	Pond	N
6/14/04	0830	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	Pond	N
6/15/04	0900	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	Pond	N
6/16/04	1400	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	Pond	N
6/17/04	0800	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	Pond	N
6/18/04	1215	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	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)
6/21/04	0815	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	Pond	N
6/22/04	2015	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	Pond	N
6/23/04	0630	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	Pond	N
6/24/04	1015	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	Pond	N
6/25/04	0945	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	Pond	N
6/28/04	0815	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	Pond	N
6/29/04	0915	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	Pond	N
6/30/04	1015	J. Chancey	No Rain	Y	Clear water, weak tea color, thin film on surface, very low flow, 1	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)
7/1/04	0815	J. Chancey	No Rain	Y	Clear water with slight film on surface, weak tea color, low flow, 1	Pond	N
7/2/04	1330	J. Chancey	No Rain	Y	Clear water with slight film on surface, weak tea color, low flow, 1	Pond	N
7/6/04	0745	J. Chancey	No Rain	Y	Clear water with slight film on surface, weak tea color, low flow, 1	Pond	N
7/7/04	0730	J. Chancey	No Rain	Y	Clear water with slight film on surface, weak tea color, trickle, 1	Pond	N*
7/8/04	0800	J. Chancey	No Rain	Y	Clear water with slight film on surface, weak tea color, trickle, 1	Pond	N
7/9/04	1015	J. Chancey	No Rain	Y	Clear water with slight film on surface, weak tea color, trickle, 1	Pond	N
7/10/04	0730	J. Chancey	No Rain	Y	Clear water with slight film on surface, weak tea color, trickle, 1	Pond	N
7/12/04	0745	J. Chancey	No Rain	Y	Clear water with slight film on surface, weak tea color, trickle, 1	Pond	N
7/13/04	0830	J. Chancey	No Rain	Y	Clear water with slight film on surface, weak tea color, trickle, 1	Pond	N
7/14/04	0800	J. Chancey	No Rain	Y	Clear water with film on surface, weak tea color, trickle, 1	Pond	N
7/15/04	0745	J. Chancey	No Rain	Y	Clear water with film on surface, weak tea color, trickle, 1	Pond	N
7/16/04	1000	J. Chancey	No Rain	Y	Clear water with film on surface, weak tea color, trickle, 1	Pond	N
7/19/04	0715	J. Chancey	Drizzle	Y	Clear water with film on surface, weak tea color, trickle, 1	Pond	N
7/20/04	0730	J. Chancey	No Rain	N	Clear water with film on surface, weak tea color, no flow, 1	Pond	N
7/21/04	0715	J. Chancey	No Rain	N	Clear water with film on surface, weak tea color, no flow, 1	Pond	N

Notes: *_Turbidity_studies,_samples_taken_from_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)
7/22/04	0730	J. Chancey	No Rain	N	Weak tea color, thin film on surface, no flow, 1	Pond	N
7/23/04	0845	J. Chancey	No Rain	Y	Weak tea color, thin film on surface, trickle, 1	Pond	N
7/26/04	0745	J. Chancey	Overcast	Y	Weak tea color, thin film on surface, trickle, 1	Pond	N
7/27/04	0745	J. Chancey	Overcast	Y	Weak tea color, thin film on surface, trickle, 1	Pond	N
7/28/04	0800	J. Chancey	Overcast	Y	Weak tea color, thin film on surface, trickle, 1	Pond	N
7/29/04	0815	J. Chancey	Overcast	Y	Weak tea color, thin film on surface, trickle, 1	Pond	N
7/30/04	0845	J. Chancey	Overcast	Y	Weak tea color, thin film on surface, trickle, 1	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)
8/2/04	1300	J. Chancey	cloudy	Y	Clear water with thin film on surface, weak tea color, trickle, 1	Pond	N
8/3/04	0745	J. Chancey	Overcast	Y	Clear water with thin film on surface, weak tea color, trickle, 1	Pond	N
8/4/04	0800	J. Chancey	No Rain	Y	Clear water with thin film on surface, weak tea color, trickle, 1	Pond	N
8/5/04	0815	J. Chancey	Overcast	Y	Clear water with thin film on surface, weak tea color, trickle, 1	Pond	N
8/6/04	0915	J. Chancey	Rain	Y	Clear water with thin film on surface, weak tea color, trickle, 1	Pond	N
8/9/04	0745	J. Chancey	Overcast	Y	Clear water with thin film on surface, weak tea color, trickle, 1	Pond	N
8/10/04	0800	J. Chancey	Drizzle	N	Clear water with thin film on surface, weak tea color, no discharge, 1	Pond	N
8/11/04	0815	J. Chancey	Drizzle	N	Clear water with thin film on surface, weak tea color, no discharge, 1	Pond	N
8/12/04	0800	J. Chancey	Overcast	N	Clear water with thin film on surface, weak tea color, no discharge, 1	Pond	N
8/13/04	1045	J. Chancey	Overcast	N	Clear water with thin film on surface, weak tea color, no discharge, 1	Pond	N
8/16/04	0745	J. Chancey	No Rain	Y	Clear water with thin film on surface, weak tea color, trickle, 1	Pond	N
8/17/04	0800	J. Chancey	Foggy	Y	Clear water with thin film on surface, weak tea color, trickle, 1	Pond	N
8/18/04	0900	J. Chancey	Drizzle	Y	Clear water with thin film on surface, weak tea color, trickle, 1	Pond	N
8/19/04	0815	J. Chancey	Drizzle	Y	Clear water with thin film on surface, weak tea color, trickle, 1	Pond	N
8/20/04	0900	J. Chancey	Overcast	Y	Clear water with thin film on surface, weak tea color, trickle, 1	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)
8/23/04	0745	J. Chancey	Drizzle	Y	Clear water, light scum on surface, weak tea color, trickle, 1	Pond	N
8/24/04	0800	J. Chancey	Drizzle	Y	Clear water, light scum on surface, weak tea color, trickle, 1	Pond	N
8/25/04	0815	J. Chancey	Sprinkling	Y	Clear water, light scum on surface, weak tea color, trickle, 1	Pond	N
8/26/04	0915	J. Chancey	Foggy	Y	Clear water, light scum on surface, weak tea color, trickle, 1	Pond	N
8/27/04	1000	J. Chancey	No Rain	Y	Clear water, light scum on surface, weak tea color, trickle, 1	Pond	N
8/30/04	0800	J. Chancey	Foggy	Y	Clear water, light scum on surface, weak tea color, trickle, 1	Pond	N
8/31/04	0800	J. Chancey	Drizzle	Y	Clear water, light scum on surface, weak tea color, trickle, 1	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)
9/1/04	0815	J. Chancey	Overcast	Y	Clear water, thin film on top, trickle, 1	Pond	N
9/2/04	0800	J. Chancey	No rain	Y	Clear water, thin film on top, trickle, 1	Pond	N
9/3/04	0900	J. Chancey	No Rain	Y	Clear water, thin film on top, trickle, 1	Pond	N
9/6/04	Holiday						
9/7/04	0730	J. Chancey	No Rain	Y	Clear water, thin film on top, trickle, 1	Pond	N
9/8/04	0715	J. Chancey	No Rain	Y	Clear water, thin film on top, trickle, 1	Pond	N
9/9/04	0800	J. Chancey	Overcast	Y	Clear water, thin film on top, trickle, 1	Pond	N
9/10/04	0915	J. Chancey	Overcast	Y	Clear water, thin film on top, trickle, 1	Pond	N
9/11/04	0815	J. Chancey	Clear	Y	Clear water, thin film on top, trickle, 1	Pond	N
9/13/04	0930	J. Chancey	Drizzle	Y	Clear water, thin film on top, trickle, 1	Pond	N
9/14/04	0745	J. Chancey	Clear	Y	Clear water, thin film on top, trickle, 1	Pond	N
9/15/04	0800	J. Chancey	Overcast	N	Clear water, thin film on top, no flow, 1	Pond	N
9/16/04	0745	J. Chancey	Foggy	N	Clear water, thin film on top, no flow, 1	Pond	N
9/16/04	0830	J. Chancey	Drizzle	N	Clear water, thin film on top, no flow, 1	Pond	N
9/20/04	0845	G. Amos	No Rain	Y	Clear water, thin film on top, trickle, 1	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)
9/21/04	0800	J. Chancey	No Rain	Y	Clear water, thin scum on surface, trickle, 1	Pond	N
9/22/04	0945	G. Amos	No Rain	Y	Clear water, thin scum on surface, trickle, 1	Pond	N
9/23/04	1015	J. Chancey	No Rain	Y	Clear water, thin scum on surface, trickle, 1	Pond	N
9/24/04	0945	J. Chancey	Overcast	Y	Clear water, thin scum on surface, trickle, 1	Pond	N
9/27/04	0745	J. Chancey	No Rain	Y	Clear water, thin scum on surface, trickle, 1	Pond	N
9/28/04	0800	J. Chancey	Overcast	Y	Clear water, thin scum on surface, trickle, 1	Pond	N
9/29/04	0830	J. Chancey	Drizzle	Y	Clear water, thin scum on surface, trickle, 1	Pond	N
9/30/04	0815	J. Chancey	Overcast	Y	Clear water, scum on surface, trickle, 1	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)
10/01/04	1000	J. Chancey	Overcast	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/04/04	0815	J. Chancey	Overcast	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/05/04	0815	J. Chancey	Drizzle	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/6/04	0800	J. Chancey	Clear	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/7/04	0745	J. Chancey	Foggy	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/8/04	0915	J. Chancey	Cloudy	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/11/04	0800	J. Chancey	Clear	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/12/04	0815	J. Chancey	Clear	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/13/04	0830	J. Chancey	Clear	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/14/04	0900	J. Chancey	Clear	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/15/04	0945	J. Chancey	Clear	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/18/04	0845	J. Chancey	Drizzle	Y	Clear water, light scum on surface, trickle, 1	Pond	N
10/19/04	0900	J. Chancey	Rain	Y	Clear water, light scum on surface, mod. flow, 1	Pond	N
10/20/04	0815	J. Chancey	Cloudy	Y	Clear water, light scum on surface, mod. flow, 1	Pond	N
10/21/04	0830	J. Chancey	Clear	Y	Clear water, light scum on surface, mod. flow, 1	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)
10/22/04	0915	J. Chancey	Damp	Y	Clear water, slight scum on surface, small discharge, 1	Pond	N
10/25/04	0830	J. Chancey	Cloudy	Y	Clear water, slight scum on surface, small discharge, 1	Pond	N
10/26/04	0815	J. Chancey	Rain	Y	Clear water, moderate discharge, 1	Pond	N
10/27/04	0830	J. Chancey	Clear	Y	Clear water, moderate discharge, 1	Pond	N
10/28/04	0845	J. Chancey	Clear	Y	Clear water, moderate discharge, 1	Pond	N

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Date	Time	Observer's Name	Weather	Discharge (Y/N)	Pollutant / Rating	Source	Sampled (Y/N)
11/01/04	0945	J. Chancey	Clear	Y	Clear water, light scum on surface, low flow discharge, 1	Pond	N
11/02/04	0815	J. Chancey	Clear	Y	Clear water, light weak tea color, low flow discharge, 1	Pond	N
11/03/04	0830	J. Chancey	Cloudy	Y	Clear water, light weak tea color, moderate flow discharge, 1	Pond	N
11/04/04	0815	J. Chancey	Cloudy	Y	Clear water, light weak tea color, low flow discharge, 1	Pond	N
11/05/04	0900	J. Chancey	Clear	Y	Clear water, light weak tea color, low flow discharge, 1	Pond	N
11/08/04	0915	J. Chancey	Misty	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/09/04	0745	J. Chancey	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/10/04	0845	J. Chancey	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/11/04	0830	J. Chancey	Clear	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/12/04	1000	J. Chancey	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/15/04	0945	J. Chancey	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/16/04	0815	J. Chancey	Drizzle	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/17/04	1315	J. Chancey	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/18/04	0845	J. Chancey	Foggy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/19/04	0900	J. Chancey	Clear	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N

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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)
11/22/04	0800	J. Chancey	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/23/04	0815	J. Chancey	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/24/04	0800	J. Chancey	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/25/04	Holiday						
11/26/04	Holiday						
11/29/04	0915	G. Amos	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
11/30/04	0900	G. Amos	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N

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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)
12/1/04	0930	G. Amos	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
12/2/04	0945	G. Amos	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
12/3/04	0930	G. Amos	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
12/6/04	0900	J. Chancey	Rain	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
12/7/04	0845	J. Chancey	Cloudy	Y	Clear water, light scum on surface, weak tea color, low flow discharge, 1	Pond	N
12/8/04	0800	J. Chancey	Rain	Y	Clear water, weak tea color, heavy flow discharge, 1	Pond	N
12/9/04	1000	J. Chancey	Rain	Y	Clear water, weak tea color, heavy flow discharge, 1	Pond	N
12/10/04	0945	J. Chancey	Drizzle	Y	Clear water, weak tea color, moderate flow, 1	Pond	N
12/13/04	0815	J. Chancey	Cloudy	Y	Clear water, weak tea color, low flow thin scum on surface, 1	Pond	N
12/14/04	0845	J. Chancey	Fog	Y	Clear water, weak tea color, low flow thin scum on surface, 1	Pond	N
12/15/04	0900	J. Chancey	Fog	Y	Clear water, weak tea color, low flow, thin scum on surface, 1	Pond	N
12/16/04	0815	J. Chancey	Fog	Y	Clear water, weak tea color, low flow, thin scum on surface, 1	Pond	N
12/17/04	0915	J. Chancey	Fog	Y	Clear water, weak tea color, low flow, thin scum on surface, 1	Pond	N
12/20/04	0900	J. Chancey	Cloudy	Y	Clear water, weak tea color, low flow, thin scum on surface, 1	Pond	N
12/21/04	0900	J. Chancey	Clear	Y	Clear water, weak tea color, very low flow, thin scum on surface, 1	Pond	N

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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)
12/22/04	0915	J. Chancey	Clear	Y	Clear water, weak tea color, light scum on surface, trickle, 1	Pond	N
12/23/04	0945	J. Chancey	Clear	Y	Clear water, weak tea color, light scum on surface, trickle, 1	Pond	N
12/24/04					HOLIDAY		
12/27/04	0830	J. Chancey	Rain	Y	Clear water, weak tea color, moderate flow, 1	Pond	N
12/28/04	0915	J. Chancey	Rain	Y	Clear water, weak tea color, moderate flow, 1	Pond	N
12/29/04	1000	J. Chancey	Cloudy	Y	Clear water, weak tea color, moderate flow, 1	Pond	N
12/30/04	0830	J. Chancey	Rain	Y	Clear water, weak tea color, heavy flow, 1	Pond	N
12/31/04					HOLIDAY		

Notes: _____

