

Clean Water Act (CWA) Inspection Report

Inspection Entry Date/Time	05/17/2023 9:00 AM (PT)	Announced: Yes		
Inspection Exit Date/Time	05/17/2023 11:30AM (PT)			
Media	Water			
Statute(s)/Program(s)	Clean Water Act, NPDES, Wastewater – Industrial			
Type of Inspection	CEI - Compliance Evaluation Inspection			
Permittee Name	Sierra Pacific Industries – Eugene Plant			
Facility Physical Address	90201 Highway 99 North			
City, State, Zip Code	Eugene, Oregon 97402			
Facility GPS Coordinates	44.110581 N -123.179096 W			
Facility Owner	Sierra Pacific Industries			
Facility Owner Address	P.O. Box 496028			
City, State, Zip Code	Redding, California 96049			
FRS ID	110006697743			
Permit # / ODEQ File #	ORR0022985 / 80207			
SIC Code	2421 – Sawmills and Planing Mills, General			
Inspection Contacts:				
Organization	Name	Title	Present in Opening Conf.	Present in Closing Conf.
EPA Region 10	Jon Klemesrud	Lead Inspector	Yes	Yes
Oregon Department of Environmental Quality	Andy Ullrich	Inspector/Compliance Officer	Yes	Yes
Oregon Department of Environmental Quality	Brad Eagleson	Inspector/Compliance Officer	Yes	Yes
Sierra Pacific Industries – Eugene Plant	Brandon Mainard	Environmental Coordinator	No	No
Sierra Pacific Industries	Jeremy Higgins	Environmental Director	Yes	Yes
Sierra Pacific Industries – Eugene Plant	Matt Bosch	Division Manager	Yes	Yes
Sierra Pacific Industries – Eugene Plant	Jason Nelson	Staff / Sampler	No	No
EPA Inspector Signature/Date	JON KLEMESRUD		Digitally signed by JON KLEMESRUD Date: 2023.07.17 15:16:06 -07'00'	
	Jon Klemesrud			
Supervisor Signature/Date	PETER CONTRERAS		Digitally signed by PETER CONTRERAS Date: 2023.07.17 15:23:09 -07'00'	
	Peter Contreras, Chief FDDWES			

This inspection report is based on information supplied by conversations with Mr. Brandon Mainard, Mr. Jeremy Higgins, Mr. Matt Bosch, Mr. Jason Nelson, or direct observations made at the time of the inspection, and records and reports maintained by the permittee. This inspection report may also include information gathered from review of EPA, State, and/or public records.

SECTION I – INTRODUCTION

Entry and Inspection Chronology

I was joined on the inspection by Oregon Department of Environmental Quality (ODEQ) representatives Mr. Andy Ullrich and Mr. Brad Eagleson. To ensure staffing and availability, this inspection was announced one day prior. At approximately 9:50 AM on May 16, 2023, I called and left a voicemail with Mr. Brandon Mainard, Environmental Coordinator at the Sierra Pacific Industries - Eugene Plant. On the voicemail, I introduced myself and discussed that I had been asked to conduct a routine on-site inspection to assess compliance with the facility's coverage under ODEQ's Individual Wastewater Discharge Permit.

I was able to reach Mr. Mainard by phone at approximately 1:00 PM, during our call Mr. Mainard welcomed the inspection but explained that he was currently out of state and attending a training event in California. Mr. Mainard discussed that he could assist by coordinating with Mr. Jeremy Higgins, Environmental Director with Sierra Pacific Industries. According to Mr. Mainard, Mr. Higgins was scheduled to be at the facility the following day. Following our call, Mr. Mainard later confirmed the inspection with Mr. Higgins and a start time of 9:00 AM on May 17, 2023.

Mr. Ullrich, Mr. Eagleson and I arrived on-site at approximately 9:00 AM on May 17, 2023 and met with Mr. Higgins and also met Mr. Matt Bosch, Division Engineer at the Eugene Plant. At this time, we had our initial introductions and were then escorted to a conference room where we began the inspection with an opening conference. During the opening conference I presented my EPA credentials, discussed the purpose/expectations of the inspection, provided my business card and a copy of EPA's Small Business Resources Information Sheet. We began with a brief discussion regarding general roles/responsibilities and a brief history of facility operations. It was discussed that the facility was previously owned and operated by the Seneca Sawmill Company up until the fall of 2021, when it was purchased by Sierra Pacific Industries. We also discussed recent (December 2021 – January 2023) self-reported exceedances as outlined in **Attachment A**, 5-Year Reported Effluent Exceedances.

The inspection consisted of an opening conference, a walk-through of the wastewater collection areas and related infrastructure and concluded with a closing conference. During the closing conference, we discussed our walk-through observations, potential areas of concern and EPA's general inspection report/follow-up process. As records weren't available for review at the time of inspection due to Mr. Mainard's absence, a follow-up records review/request occurred post-inspection as discussed in Section III of this inspection report.

We were accompanied throughout the inspection walk-through by Mr. Higgins and Mr. Bosch. Facility representative Mr. Jason Nelson was only present for a portion of the walk-through. A post-inspection call occurred with Mr. Mainard May 26, 2023.

Permit/Compliance History

Sierra Pacific Industries – Eugene Plant is permitted to discharge to the A-1 Amazon Channel under an individual ODEQ Waste Discharge Permit (ORR0022985). The Permit was issued to the Seneca Sawmill Company (prior owner) on September 30, 2006. According to ODEQ, the permit was administratively continued after expiring on August 31, 2011. The facility also operates under a separate ODEQ issued Industrial Stormwater Discharge Permit (1200-Z).

On November 10, 2022, the Facility submitted a Noncompliance Reporting Form to ODEQ for “missed sample days and below benchmark pH levels during the November 1, 2021 – July 1, 2022 timeframe (**Attachment B**).

According to file documentation, the last ODEQ inspection for ORR0022985 permit compliance occurred on August 3, 2017, while being owned and operated by the Seneca Sawmill Company.

SECTION II – OBSERVATIONS

Site Review

Sierra Pacific Industries – Eugene Plant (hereinafter referred to as the “Facility”) operates as a sawmill and planing mill within a northwest industrial area of Eugene, Oregon. See **Attachment C**, Aerial Map, for a Facility overview from Google Earth. The Eugene Plant is one of several facilities owned and operated by Sierra Pacific Industries. According to the Facility’s website (www.spi-ind.com), “Sierra Pacific Industries is a third-generation, family-owned forest products company based in Anderson, California. SPI owns and manages more than 2.4 million acres of timberland in California, Oregon and Washington and is one of the largest U.S. lumber manufacturers.”

Operations at the Facility include log receiving, log handling and storage, log debarking, saw milling and planing, and a cogeneration facility. Industrial wastewater sources from the Facility consist of log deck sprinkler runoff, vehicle wash water and boiler/cogeneration blowdown. Wastewater is directed toward a series of collection ditches and settling/retentions ponds that eventually flow to the Facility’s outfall (Outfall 001) for discharge to the A-1 Channel which flows into Amazon Creek at River Mile 3.9.

As outlined within Schedule A of the ORR0022985 Permit (**Attachment D**), the Facility is required to comply with the following seasonal discharge limitations:

(1) May 1 - October 31:

Parameter	Limitation
Flow	As low as practicable
Temperature	Shall not exceed 18°C as a weekly average
pH	Within the range 6.5 – 8.5
Floating Solids/Debris	None allowed (See Note 2)
Oil and grease	10 mg/l
TSS	50 mg/l

(2) November 1 – April 30

Parameter	Limitation
Flow	As low as practicable
Temperature	Shall not exceed 18°C as a weekly average
pH	Within the range 6.5 – 8.5
Floating Solids/Debris	None allowed (See Note 2)
Oil and grease	10 mg/l
TSS	130 mg/l

Monitoring requirements for the discharge limitations are outlined in Schedule B of the ORR0022985 Permit:

Item or Parameter	Minimum Frequency	Type of Sample
Total Flow	Weekly	Measurement
Temperature (°C)	Daily	Grab
Temperature (°C)	Weekly Average of Daily Maximum	Calculation
pH	Weekly	Grab
Floating Solids and debris	Weekly	Record visual observation
TSS	Monthly	Grab
Oil and Grease	Monthly	Grab

For the inspection walk-through, we first traveled to the vehicle wash area. Photographs taken during the walk-through are attached to this inspection report as **Attachment E**, Photograph Log.

Walk-Through Observations:**Location: Vehicle Wash Area****Observation #: OB-01**

We first toured the Facility's designated vehicle wash area located near the eastern perimeter (**Photo 1**). This area is located on the north end of the facility's maintenance shop. At this location, a variety of Facility vehicles are washed as needed, generally for the removal of accumulated mud/sawdust. Vehicles are washed within a paved area utilizing a hose station that is plumbed with fresh water. No soap or detergents are used in the washing. Spent wash water (and removed debris) primarily travels to the north as sheet flow and enters an eastern drainage channel located within the property. A single catch basin is also located in the southwest corner of the wash area to also capture wash water from the area (**Photo 2**). The catch basin also discharges to eastern drainage channel via piping. It was discussed that the eastern drainage channel continues north briefly before it is piped underground and then resurfaces southeast/east of the log yard where it also receives log deck sprinkler runoff in numerous entry points. The drainage channel travels north along the eastern perimeter and eventually enters a settling pond which discharges to the A-1 Channel as Outfall 001.

At the time of inspection, we observed the paved wash area to be clean and free of debris. Accumulated sediment/material was observed within the vegetated receiving channel. As a best management practice (BMP), absorbent booms to remove oils/grease were observed to be placed along the entrance to the drainage channel, in several areas across the channel, and around the entrance to the single catch basin. According to Mr. Bosch, the booms are replaced as needed and accumulated debris within the drainage channel is removed as needed.

Location: Settling Pond & Outfall 001**Observation #: OB-02**

Following our time at the vehicle wash area, we traveled to the Facility's settling pond and Outfall 001 location (**Photo 3**), located approximately 650 yards north of the vehicle wash area and within the northeastern portion of the property, just south of E. Enid Road. The primary influent to the settling pond is located on the south end of the pond where it receives influent flow from the eastern drainage channel, which primarily receives flow from the log deck sprinkler system but also includes vehicle wash water flow when utilized. Blowdown from the boiler/cogeneration facility enters at the north end of the settling pond via a single white influent pipe, at a location near the pond's discharge (**Photo 4**).

From this location at the north end of the pond, we observed absorbant booms placed near the discharge and the Outfall 001 structure and concrete weir (**Photo 5**). At this Outfall 001 location, water discharges from the settling pond to a drainage ditch that enters the A-1 channel (receiving water). According to Mr. Bosch and Mr. Higgins, the Facility's sample and flow monitoring location is within the receiving channel, downstream of the discharge structure (**Photo 6 & Photo 7**). Mr. Bosch said he would call and arrange for us to meet with Mr. Jason Nelson, Mr. Nelson is a Facility representative who primarily conducts discharge sampling and flow monitoring for permit compliance. We would meet during the next portion of the walk-through.

At the time of inspection, the discharge from the pond was observed to be slightly turbid but generally clear, with no floating solids or debris. The concrete discharge structure was equipped with a drop-gate and was fitted with a perforated steel screen and a layer of wire mesh screening. The holes in the perforated screen were approximately 1-inch in diameter. The wire mesh screen was observed to be eroded and therefore did not extend down to water's surface (**Photo 8**).

Location: Log Deck Runoff Collection & Boiler/Cogeneration**Observation #: OB-03**

Following our time at the north end of the settling pond and Outfall 001, we walked to the south end of the pond and observed the drainage channel's discharge piping into the settling pond (**Photo 9**). From this location we also observed northern portion of the drainage channel (**Photo 10**), northwest of the log yard. Absorbant booms were

installed across the channel in multiple locations to attempt to remove any oil/grease off the surface of the water. The drainage channel receives water coming off the log deck from the log spray down sprinkler system and the vehicle wash area (when in use). According to Mr. Bosch, the drainage channel receives an annual cleanout by a facilities crew where settled material is excavated from the channel. Post-inspection, Mr. Mainard later clarified that the drainage channel is in-fact cleaned out more frequently than annually and was last completed in February of 2023.

We then walked the eastern perimeter of the log yard along the drainage channel (**Photo 11 & Photo 12**). Portions of the log yard are generally sloped to the east, log deck runoff travels as sheet flow to the eastern drainage channel. A concrete catchment area located in the eastern corner of property is engineered to allow for solids to settle from a large area of the log deck (**Photo 13**). Solids are retained prior to discharge to the drainage channel and removed as needed. According to Mr. Bosch, the log yard is swept daily beginning at 4:30 AM via the Facility's mechanical sweeper truck.

After completing the walk-through of the eastern drainage channel, we met with Mr. Nelson southeast of the log scale to discuss the Facility's effluent sampling/monitoring procedures. Mr. Nelson displayed the Facility's pH meter, a Palm pH 220 manufactured by Extech Instruments (**Photo 14**). It was also discussed that effluent temperature was monitored using a handheld infrared thermometer. We followed Mr. Nelson back to his office area and observed the pH buffer solutions (**Photo 15**). According to Mr. Nelson, a two-point calibration is conducted using pH 7.00 and 4.00 buffer solutions. We also observed the Facility's portable flow monitoring device, a Global Water Flow Probe Model FP111.

It was discussed that permit required monitoring for flow, pH, temperature and a visual observation for floating solids/debris is conducted and analyzed in-house, primarily by Mr. Nelson or another Facility representative from the log deck working area. For oil and grease and total suspended solids, samples are collected internally and then delivered to Analytical Laboratory Group (ALG) in Eugene, Oregon for analysis.

We continued the walk-through to the Facility's boiler/cogeneration building and observed the various controls and chemicals utilized in the process (**Photo 16 – Photo 18**). The walk-through concluded after our time at the boiler/cogeneration building. We had a brief closing conference and traveled back to the main office and then departed the Facility.

SECTION III – RECORDS REVIEW

The following documents were reviewed as part of this inspection.

Record: Discharge Monitoring Reports

Ref #: RR-001

Prior to the inspection, I reviewed submitted DMRs over the past 5-years. This was generally completed by a review of an exceedance report generated by EPA's Integrated Compliance Information System (ICIS), physical DMR's were also reviewed. While being operated by Sierra Pacific Industries, the review noted self-reported effluent limit exceedances of pH on 12 occasions, as well as one exceedance of total suspended solids (monthly average) and one exceedance of temperature (weekly average). A copy of the exceedance report is attached to this report as **Attachment A**, 5-Year Reported Effluent Exceedances.

When reviewing DMR's, it was noted that for two months, narrative within the "comments" section self-reported days that temperature monitoring did not occur, including one additional month for which sampling for oil and grease did not occur. The dates of missing temperature monitoring were reported as 11/25/2021, 11/26/2021, 11/28/2021, and two unspecified dates in May of 2022. Oil and grease sampling and analysis did not occur during the reporting month of April 2022.

Record: Monitoring Records**Ref #:** RR-002

At the time of inspection, during the opening conference I discussed that I would be requesting to review monitoring records associated with the permit, including bench sheet monitoring, analytical data and chain-of-custody documentation. According to Mr. Bosch and Mr. Higgins, those records would be kept with Mr. Mainard and neither of them had access to those documents, and I would have to follow-up with Mr. Mainard post-inspection in regard to those records.

At the time of inspection, when observing the Facility's portable pH, temperature, and flow meter instruments we discussed calibration records and procedures with Mr. Nelson. Mr. Nelson discussed that the pH meter is calibrated routinely, the date of calibration for the pH meter is written on the outside of the pH meter box once calibrated (**Photo 15**). Based upon the dates listed on the box, the last calibration occurred on "5/8," (2023) past calibration dates also included "4/24, 4/10, 3/27, 3/13, 2/27, 2/13, 1/30, 1/16, 1/3, 12/12, 11/21, 11/7, 10/24, 10/10, 9/26 and 9/12." Mr. Nelson was not aware of any calibration records or procedures for the Facility's portable flow meter or handheld infrared thermometer.

Following the inspection, on May 19, 2023, I sent Mr. Mainard a general follow-up email and requested sampling/monitoring documentation records as discussed during the opening conference. As a subsample, I requested sampling data for the months of July 2022, November 2021, and October 2020. See **Attachment F**, Post Inspection Email Correspondence. Mr. Mainard provided the records via email on June 1, 2023. Records provided included analytical reports including chain-of-custody documentation and monthly bench sheets. Data within the received records were consistent with the associated DMRs.

SECTION V - AREAS OF CONCERN

Areas of Concern may not be in sequential order.

The presentation of Areas of Concern (AOC) does not constitute a formal compliance determination or violation.

AOC #1: Exceedance of Discharge Limitations**Regulation and/or Permit Requirement:**

Schedule A.1.a. within the permit lists the waste discharge limitations. pH range is listed as 6.5 – 8.5 (standard units). TSS is listed as 50 mg/L for May 1 – October 31, and 130 mg/L for November 1 – April 30. Temperature is listed as "shall not exceed 18 degrees Celsius as a weekly average." In regard to floating solids/debris the permit states, "none allowed (See Note 2)" Note 2 states that "debris is defined as anything that can be retained by a 5-mesh screen."

Observation:

As discussed earlier in this report, as part of this inspection I reviewed submitted DMRs over the past 5-years. This was generally completed by a review of an exceedance report generated by EPA's Integrated Compliance Information System (ICIS), and physical DMR's were also reviewed. While being operated by Sierra Pacific Industries, the review noted self-reported effluent limit exceedances of pH on twelve occasions, and one exceedance of total suspended solids (monthly average) and on exceedance of temperature (weekly average). A copy of the exceedance report is attached to this report as **Attachment A**, 5-Year Reported Effluent Exceedances.

On November 10, 2022, the Facility submitted a Noncompliance Reporting Form to ODEQ for "missed sample days and below benchmark pH levels during the November 1, 2021 – July 1, 2022 timeframe" (**Attachment B**). The form noted the cause of the noncompliance as "lack of training. The company was going through a transition period of new employees and were not trained properly on taking temps daily and pH calibrations and

sampling.” Corrective actions were stated as “since that time and moving forward training has been done and new pH machines have been purchased. Two qualified people that have been trained correctly to collect samples go together in order to make sure everything goes smoothly.”

Post inspection, during a follow-up call with Mr. Mainard on May 26, 2023, he discussed that since the inspection the Facility has made some operational changes and provided training to ensure proper sampling and calibration procedures are followed moving forward.

AOC #2: Calibration of Monitoring Equipment

Regulation and/or Permit Requirement:

Schedule F, Section B.1. within the permit states: “The permittee must at all times operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operations and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures.”

Observation:

As discussed earlier in the report, at the time of inspection Mr. Nelson provided calibration records for the pH meter, which included the day/month written on the outside of box containing the pH meter. In general, the records showed the device was calibrated twice a month. I discussed that the device should be calibrated prior to each use (weekly) to ensure accurate measurements and reporting. I suggested that at a minimum, proper documentation of calibrations should include the full date and time, the name of the individual who performed the calibration, what buffer solutions were used and the results of the calibration. I also discussed that the Facility should consider a 3-point calibration or utilizing a 10.00 buffer solution as some of the reported values were above 7.00 s.u.

It was also discussed that temperature is measured for permit compliance using a handheld infrared thermometer. No calibration procedures or previous calibration date was known. We discussed that the Facility consider monitoring temperature using a device that is immersed below the surface to ensure the reading is truly representative of the discharge. We also discussed that the device used for temperature monitoring should be verified against a National Institute of Standards and Testing (NIST) traceable thermometer.

It was also discussed that Facility should ensure their portable flow monitoring device, a Global Water Flow Probe Model FP111 is calibrated to report accurate flows.

In general, the concern is that at the time of inspection, the facility was lacking adequate quality assurance procedures to ensure accurate reporting of flow, pH and temperature.

Post inspection, during a follow-up call with Mr. Mainard on May 26, 2023, he discussed that since the inspection the Facility has made some operational changes and provided training to ensure proper sampling and calibration procedures are followed moving forward.

AOC #3: Outfall Screening

Regulation and/or Permit Requirement:

Schedule F, Section B.1. within the permit states: “The permittee must at all times operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit.

Schedule A.1.a. within the permit lists the waste discharge limitations. In regard to floating solids/debris the

permit states, “none allowed (See Note 2)” Note 2 states that “debris is defined as anything that can be retained by a 5-mesh screen.”

Observation:

As discussed earlier in the report, at the time of inspection we observed the concrete discharge structure to be equipped with a drop-gate and was fitted with a perforated steel screen and a layer of wire mesh screening. The holes in the perforated screen were approximately 1-inch in diameter, the wire mesh screen was observed to be eroded and therefore did not extend down to water’s surface (**Photo 8**).

Although no floating solids/debris we observed within the effluent at the time of inspection, the concern is that the Facility’s screening that was installed meet the permit requirement was eroded and did not extend down to the water’s surface in a manner that would prevent the discharge of floating solids/debris.

Post inspection, during a follow-up call with Mr. Mainard on May 26, 2023, he discussed that since the inspection the Facility has ordered new screening that will be installed to replace the eroded screening that was observed.

SECTION VI – CLOSING CONFERENCE

Closing Conference

Following the walk-through, a closing conference was held with Mr. Bosch and Mr. Higgins. We discussed our general observations, areas of concern and general inspection report transmittal procedures. I then thanked them for their time and assistance during the inspection and departed the Facility.

SECTION VIII – LIST OF APPENDICES

- Attachment A – 5-Year Reported Effluent Exceedances
- Attachment B – Noncompliance Reporting Form (November 10, 2022)
- Attachment C – Aerial Map (Google Earth)
- Attachment D – ORR0022985 Permit
- Attachment E – Photograph Log
- Attachment F – Post Inspection Email Correspondence

ATTACHMENT A

5-Year Reported Effluent Exceedances

Facility Information

FRS Facility UIN	110006697743
NPDES ID	OR0022985
Permit Name	SENECA SAWMILL COMPANY
Major/Minor	Minor
Permit SIC Desc	Sawmills And Planing Mills, Gene
Water Body Name	UNKNOWN
TMDL ID	

Facility Location

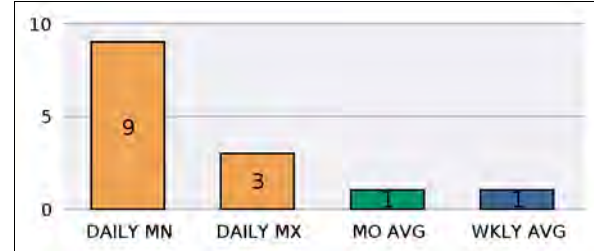
LAT	44.111889
LONG	-123.177778

Last Formal Enforcement Action

EA Identifier	
Final Order Issued	
EA Type Desc	

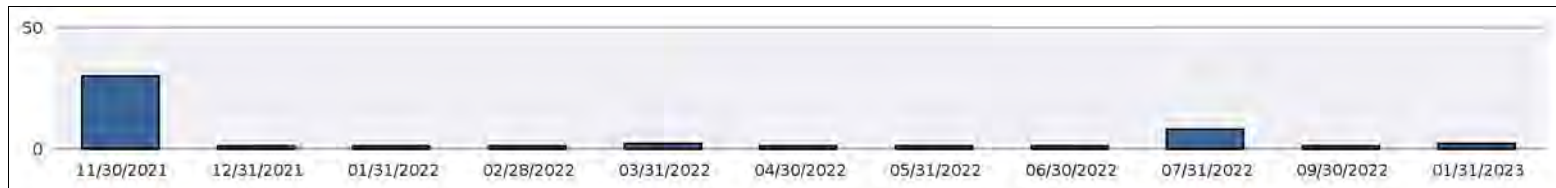
Permit Information

Original Issue Date	12/17/85
Issue Date	9/20/06
Effective Date	10/1/06
Expiration Date	8/31/11
Permit Status	EXP



Number and Months of Violations

49	11
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Month	Outfall	Parameter Code and Name	DMR Value	Permit Limit	% Exceeda	Limit Type	#V	Due/Rec'd	#DL
NOV 2021	001 A	00530 Solids, total suspended	160	130 mg/L	23	MO AVG	30	12/15 12/08	
DEC 2021	001 A	00400 pH	6.3	6.5 SU	3	DAILY MN	1	1/15 1/13	
JAN 2022	001 A	00400 pH	5.5	6.5 SU	15	DAILY MN	1	2/15 2/14	
FEB 2022	001 A	00400 pH	10	8.5 SU	18	DAILY MX	1	3/15 3/04	
MAR 2022	001 A	00400 pH	5	6.5 SU	23	DAILY MN	1	4/15 4/14	
MAR 2022	001 A	00400 pH	9.4	8.5 SU	11	DAILY MX	1	4/15 4/14	
APR 2022	001 A	00400 pH	5.8	6.5 SU	11	DAILY MN	1	5/15 5/12	
MAY 2022	001 A	00400 pH	5.6	6.5 SU	14	DAILY MN	1	6/15 6/10	
JUN 2022	001 A	00400 pH	4.6	6.5 SU	29	DAILY MN	1	7/15 7/08	
JUL 2022	001 A	00010 Temperature, water deg. centigrade	19.1	18 deg C	6	WKLY AVG	7	8/15 8/15	
JUL 2022	001 A	00400 pH	2	6.5 SU	69	DAILY MN	1	8/15 8/15	
SEP 2022	001 A	00400 pH	5.4	6.5 SU	17	DAILY MN	1	10/15 10/04	
JAN 2023	001 A	00400 pH	6.2	6.5 SU	5	DAILY MN	1	2/15 2/07	
JAN 2023	001 A	00400 pH	9	8.5 SU	6	DAILY MX	1	2/15 2/07	

ATTACHMENT B

Noncompliance Reporting Form (November 10, 2022)



Oregon Department of Environmental Quality

Noncompliance Reporting Form

For all permit violations, including monitoring requirements.

Use this form to report all instances of noncompliance *except* sanitary sewage overflows. Fill out all fields and sign. You may attach additional information to this report to explain the circumstances of noncompliance. This information may include but is not limited to maintenance records and monitoring results.

FACILITY / CONTACT INFORMATION

Name of Permittee: Seneca Sawmill Company

Contact Name: Brandon Mainard

Phone: 541-689-1011

Email: bmainard@spi-ind.com

Date: 11/10/2022

DEQ Permit #: OR0022985

DEQ File #:

EPA ID #: OR

Has non-compliance been corrected?: ☒ Yes ☐ No

Expected time noncompliance is expected to continue:

Date/Time Started: 11/01/21

Date/Time Stopped : 7/1/2022

Description of Noncompliance:

Investigation shows missed sample days and below benchmark PH Levels

AGENCY AND PUBLIC NOTIFICATION

Was the non-compliance one of the following:

- | | | | | |
|--|-----|-----------------------|----|----------------------------------|
| • A noncompliance which may endanger health or the environment | Yes | ☐ | No | ☒ |
| • An unanticipated bypass which exceeds any effluent limitation in this permit | Yes | ☐ | No | ☒ |
| • An upset which exceeds any effluent limitation in this permit | Yes | ☐ | No | ☒ |
| • Violation of a maximum daily discharge limitation | Yes | ☐ | No | ☒ |

If yes to any of the above, complete the rest of this section.

OERS Number: n/a

Signs posted? Where?: n/a

Media contacted? Who?: n/a

List any other steps taken to notify the public and/or state and federal agencies:

n/a

CAUSE(S)

Cause or suspected cause(s):

Lack of training. The company was going through a transition period of new employees and were not trained properly on taking temps daily and PH Calibrations and sampling.

Oregon DEQ Noncompliance Reporting Form

continued

RAINFALL DATA

Rainfall (for storm-related noncompliance):	inches	Design Storm:	inches
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Source of rainfall data:

CORRECTIVE ACTIONS

List actions taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

Actions taken (describe):

Since that time and moving forward Training has been done and new PH machines have been purchased. Two qualified people that have been trained correctly to collect samples go together in order to make sure everything goes smoothly.

Actions planned and schedule for those actions (describe):

Task list on Calendar and follow up with Enviromental Coordinator before submitting.

COMMENTS

Comments:

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 gathered and evaluated 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.

Authorized Signature

Brandon Mainard

Name (print)

EHS Coordinator

Title (print)

11-10-2022

Date

541-689-1011

Phone

bmainard@spi-ind.com

Email

ATTACHMENT C

Aerial Map (Google Earth)



ATTACHMENT D

ORR0022985 Permit

Expiration Date: 8/31/2011
 Permit Number: 101893
 File Number: 80207
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM WASTE DISCHARGE PERMIT

Department of Environmental Quality
 Western Region - Salem Office
 750 Front St. NE, Suite 120, Salem, OR 97301-1039
 Telephone: (503) 378-8240

Issued pursuant to ORS 468B.050 and The Federal Clean Water Act

ISSUED TO:

Seneca Sawmill Company
 P. O. Box 851
 Eugene, OR 97440

SOURCES COVERED BY THIS PERMIT:

<u>Type of Wastewater</u>	<u>Outfall Number</u>	<u>Outfall Location</u>
Log sprinkler runoff, Boiler blowdown, Vehicle Wash water	001	A-1 Amazon Channel

FACILITY TYPE AND LOCATION:

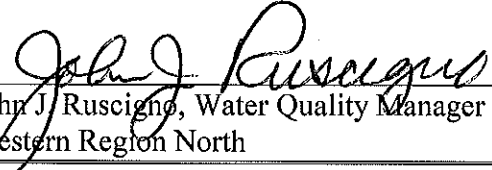
Sawmill and Planing Mill
 90201 Highway 99 North
 Eugene, OR

RECEIVING STREAM INFORMATION:

Basin:	Willamette
Sub-Basin	Upper Willamette
Stream:	Drainage ditch to Amazon A-1 Channel to Amazon Creek
LLID:	1232651442279 3.9 I
County:	Lane

EPA REFERENCE NO: OR002298-5

Issued in response to Application No. 982483 received on December 29, 2004. This permit is issued based on the land use findings in the permit record.


 John J. Ruscigno, Water Quality Manager
 Western Region North

September 20, 2006
 Date

PERMITTED ACTIVITIES

Until this permit expires or is modified or revoked, the permittee is authorized to construct, install, modify, or operate a wastewater collection, treatment, control and disposal system and discharge to public waters adequately treated wastewaters only from the authorized discharge point or points established in Schedule A and only in conformance with all the requirements, limitations, and conditions set forth in the attached schedules as follows:

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Unless specifically authorized by this permit, by another NPDES or WPCF permit, or by Oregon Administrative Rule, any other direct and indirect discharge to waters of the state is prohibited, including discharge to an underground injection control system.

SCHEDULE A

1. Waste Discharge Limitations not to be exceeded

a. Treated Effluent – Outfall 001 (See Note 1)

Only discharges containing the wastewaters listed on the face page under “Type of Wastewater” are permitted.

(1) May 1 - October 31:

Parameter	Limitation
Flow	As low as practicable
Temperature	Shall not exceed 18°C as a weekly average
pH	Within the range 6.5 – 8.5
Floating Solids/Debris	None allowed (See Note 2)
Oil and grease	10 mg/l
TSS	50 mg/l

(2) November 1 – April 30

Parameter	Limitation
Flow	As low as practicable
Temperature	Shall not exceed 18°C as a weekly average
pH	Within the range 6.5 – 8.5
Floating Solids/Debris	None allowed (See Note 2)
Oil and grease	10 mg/l
TSS	130 mg/l

(3) Except as provided for in OAR 340-045-0080, no wastes may be discharged or activities conducted that cause or contribute to a violation of water quality standards in OAR 340-041 applicable to Willamette basin except as provided for in OAR 340-045-0080 and the following regulatory mixing zone:

The allowable mixing zone is that portion of the Amazon “A” Channel contained within a band extending out 1/4 the width of the stream and extending from a point ten feet upstream of the outfall to a point 50 feet downstream from the outfall.

b. No activities shall be conducted that could cause an adverse impact on existing or potential beneficial uses of groundwater. All wastewater and process related residuals must be managed and disposed in a manner that will prevent a violation of the Groundwater Quality Protection Rules (OAR 340-040).

NOTES:

1. The “A” Channel of Amazon Creek (below the confluence of the storm drainage ditch to the Creek) is water quality limited for multiple pollutants during the period of discharge. This permit may be reopened to include any Waste Load Allocation (WLA), best management practice or any other condition required by the Total Maximum Daily Load for this water body.
2. Debris is defined as anything that can be retained by a 5 mesh screen.

SCHEDULE B

1. **Minimum Monitoring and Reporting Requirements to be met after permit issuance** (unless otherwise approved in writing by the Department)

The permittee shall monitor the parameters as specified below at the locations indicated. The laboratory used by the permittee to analyze samples shall have a quality assurance/quality control (QA/QC) program to verify the accuracy of sample analysis. If QA/QC requirements are not met for any analysis and cannot be re-analyzed, then the results shall be included in the report, but not used in calculations required by this permit. When the permittee cannot re-analyze the existing sample, then they shall re-sample in a timely manner for parameters failing the QA/QC requirements, analyze the samples, and report the results.

Minimum Monitoring and Reporting

- a. Outfall 001 (Discharge to Amazon "A" Channel year round) --Sampling point is following the weir at the end of the on-site ditch discharging to the "A" Channel.

Item or Parameter	Minimum Frequency	Type of Sample
Total Flow	Weekly	Measurement
Temperature (°C)	Daily	Grab
Temperature (°C)	Weekly Average of Daily Maximum	Calculation
pH	Weekly	Grab
Floating Solids and debris	Weekly	Record visual observation
TSS	Monthly	Grab
Oil and Grease	Monthly	Grab

2. **Reporting Procedures**

- a. Monitoring results shall be reported on approved forms. The reporting period is the calendar month. Reports must be submitted to the appropriate Department office by the 15th day of the following month.
- b. For compliance, the analytical results below the level of detection should be reported as Not Detected, accompanied by the detection limit. For calculation purposes when the analytical results are below the detection limit, half the detection limit value should be used.

SCHEDULE D

Special Conditions

1. Sanitary wastes shall be disposed of to the permitted on-site sewage disposal system.
2. An adequate contingency plan for prevention and handling of spills and unplanned discharges shall be in force at all times. A continuing program of employee orientation and education shall be maintained to ensure awareness of the necessity of good in-plant control and quick and proper action in the event of a spill or accident. Appropriate personnel shall be designated for responding to emergency situations. A current list of the appropriate response personnel must be provided to the Department upon request. The list must also include the designated contact(s) who coordinate(s) maintenance and operation of waste collection, treatment and disposal facilities, and who has access to all information pertaining to the generation of wastes in various process areas.
3. An environmental supervisor shall be designated to coordinate and carry out all necessary functions related to maintenance and operation of the wastewater collection, treatment and disposal system. This person must have access to all information pertaining to the generation of wastes in various process areas.
4. All activities pertaining to the management, treatment, and disposal of permitted wastewater sources shall be conducted in accordance with the approved Wastewater Discharge Management Plan which includes the Log Deck Sprinkling Water Minimization Plan, and the Water Quality Best Management Practices Program for the facility and any amendments to these plans. No changes may be made in the approved plan(s) without written approval by the Department.
5. The permittee shall not be required to perform a hydrogeologic characterization or groundwater monitoring during the term of this permit provided:
 - a. The facilities are operated in accordance with the permit conditions, and;
 - b. There are no adverse groundwater quality impacts (complaints or other indirect evidence) resulting from the facility's operation.

If warranted, at permit renewal the Department may evaluate the need for a full assessment of the facilities impact on groundwater quality.

6. The permittee shall notify the appropriate DEQ Western Region Office in accordance with the response times noted in the General Conditions of this permit, of any malfunction so that corrective action can be coordinated between the permittee and the Department.

SCHEDULE F

NPDES GENERAL CONDITIONS – INDUSTRIAL FACILITIES

SECTION A. STANDARD CONDITIONS

1. Duty to Comply with Permit
The permittee must comply with all conditions of this permit. Failure to comply with any permit condition is a violation of the Clean Water Act, Oregon Revised Statutes (ORS) 468B.025, and 40 Code of Federal Regulations (CFR) Section 122.41(a), and grounds for an enforcement action. Failure to comply is also grounds for the Department to modify, revoke, or deny renewal of a permit.
2. Penalties for Water Pollution and Permit Condition Violations
ORS 468.140 allows the Department to impose civil penalties up to \$10,000 per day for violation of a term, condition, or requirement of a permit. Additionally 40 CFR 122.41 (A) provides that any person who violates any permit condition, term, or requirement may be subject to a federal civil penalty not to exceed \$25,000 per day for each violation.

Under ORS 468.943 and 40 CFR 122.41(a), unlawful water pollution, if committed by a person with criminal negligence, is punishable by a fine of up to \$25,000 imprisonment for not more than one year, or both. Each day on which a violation occurs or continues is a separately punishable offense.

Under ORS 468.946, a person who knowingly discharges, places, or causes to be placed any waste into the waters of the state or in a location where the waste is likely to escape into the waters of the state is subject to a Class B felony punishable by a fine not to exceed \$200,000 and up to 10 years in prison. Additionally, under 40 CFR 122.41(a) any person who knowingly discharges, places, or causes to be placed any waste into the waters of the state or in a location where the waste is likely to escape into the waters of the state is subject to a federal civil penalty not to exceed \$100,000, and up to 6 years in prison.
3. Duty to Mitigate
The permittee must take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment. In addition, upon request of the Department, the permittee must correct any adverse impact on the environment or human health resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.
4. Duty to Reapply
If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and have the permit renewed. The application must be submitted at least 180 days before the expiration date of this permit.

The Department may grant permission to submit an application less than 180 days in advance but no later than the permit expiration date.
5. Permit Actions
This permit may be modified, revoked and reissued, or terminated for cause including, but not limited to, the following:
 - a. Violation of any term, condition, or requirement of this permit, a rule, or a statute
 - b. Obtaining this permit by misrepresentation or failure to disclose fully all material facts
 - c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge
 - d. The permittee is identified as a Designated Management Agency or allocated a wasteload under a Total Maximum Daily Load (TMDL)
 - e. New information or regulations
 - f. Modification of compliance schedules
 - g. Requirements of permit reopener conditions
 - h. Correction of technical mistakes made in determining permit conditions
 - i. Determination that the permitted activity endangers human health or the environment
 - j. Other causes as specified in 40 CFR 122.62, 122.64, and 124.5
The filing of a request by the permittee for a permit modification, revocation or reissuance, termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
6. Toxic Pollutants
The permittee must comply with any applicable effluent standards or prohibitions established under Oregon Administrative Rules (OAR) 340-041-0033 for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
7. Property Rights and Other Legal Requirements
The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege, or authorize any injury to persons or property or invasion of any other private rights, or any infringement of federal, tribal, state, or local laws or regulations.
8. Permit References
Except for effluent standards or prohibitions established under Section 307(a) of the Clean Water Act and OAR 340-041-0033 for toxic pollutants, all rules and statutes referred to in this permit are those in effect on the date this permit is issued.

9. Permit Fees

The permittee must pay the fees required by Oregon Administrative Rules.

SECTION B. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS1. Proper Operation and Maintenance

The permittee must at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems that are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

2. Need to Halt or Reduce Activity Not a Defense

For industrial or commercial facilities, upon reduction, loss, or failure of the treatment facility, the permittee must, to the extent necessary to maintain compliance with its permit, control production or all discharges or both until the facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced or lost. It is not a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

3. Bypass of Treatment Facilities

a. Definitions

- (1) "Bypass" means intentional diversion of waste streams from any portion of the treatment facility. The term "bypass" does not apply if the diversion does not cause effluent limitations to be exceeded, provided the diversion is to allow essential maintenance to assure efficient operation or the diversion is due to nonuse of nonessential treatment units or processes at the treatment facility.
- (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities or treatment processes that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

b. Prohibition of bypass.

- (1) Bypass is prohibited unless:
 - (a) Bypass was necessary to prevent loss of life, personal injury, or severe property damage;
 - (b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass that occurred during normal periods of equipment downtime or preventative maintenance; and
 - (c) The permittee submitted notices and requests as required under General Condition B.3.c.
- (2) The Department may approve an anticipated bypass, after considering its adverse effects and any alternatives to bypassing, when the Department determines that it will meet the three conditions listed above in General Condition B.3.b.(1).

c. Notice and request for bypass.

- (1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, a written notice must be submitted to the Department at least ten days before the date of the bypass.
- (2) Unanticipated bypass. The permittee must submit notice of an unanticipated bypass as required in General Condition D.5.

4. Upset

- a. Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operation error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.
- b. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of General Condition B.4.c are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- c. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset must demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in General Condition D.5, hereof (24-hour notice); and
 - (4) The permittee complied with any remedial measures required under General Condition A.3 hereof.

- d. Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

5. Treatment of Single Operational Upset

For purposes of this permit, A Single Operational Upset that leads to simultaneous violations of more than one pollutant parameter will be treated as a single violation. A single operational upset is an exceptional incident that causes simultaneous, unintentional, unknowing (not the result of a knowing act or omission), temporary noncompliance with more than one Clean Water Act effluent discharge pollutant parameter. A single operational upset does not include Clean Water Act violations involving discharge without a NPDES permit or noncompliance to the extent caused by improperly designed or inadequate treatment facilities. Each day of a single operational upset is a violation.

6. Overflows from Wastewater Conveyance Systems

a. Definitions

- (1) "Overflow" means the diversion and discharge of waste streams from any portion of the wastewater conveyance system through a designed overflow device or structure, other than discharges to the wastewater treatment facility.
- (2) "Severe property damage" means substantial physical damage to property, damage to the conveyance system which causes it to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of an overflow.
- (3) "Uncontrolled overflow" means the diversion of waste streams other than through a designed overflow device or structure.

b. Prohibition of overflows. Overflows are prohibited unless:

- (1) Overflows were unavoidable to prevent an uncontrolled overflow, loss of life, personal injury, or severe property damage;
- (2) There were no feasible alternatives to the overflows, such as the use of auxiliary conveyance systems, or maximization of conveyance system storage; and
- (3) The overflows are the result of an upset as defined in General Condition B.4. and meeting all requirements of this condition.

c. Uncontrolled overflows are prohibited where wastewater is likely to escape or be carried into the waters of the State by any means.

d. Reporting required. Unless otherwise specified in writing by the Department, all overflows and uncontrolled overflows must be reported orally to the Department within 24 hours from the time the permittee becomes aware of the overflow. Reporting procedures are described in more detail in General Condition D.5.

7. Public Notification of Effluent Violation or Overflow

If effluent limitations specified in this permit are exceeded or an overflow occurs, upon request by the Department, the permittee must take such steps as are necessary to alert the public about the extent and nature of the discharge. Such steps may include, but are not limited to, posting of the river at access points and other places, news releases, and paid announcements on radio and television.

8. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters must be disposed of in such a manner as to prevent any pollutant from such materials from entering waters of the state, causing nuisance conditions, or creating a public health hazard.

SECTION C. MONITORING AND RECORDS

1. Representative Sampling

Sampling and measurements taken as required herein must be representative of the volume and nature of the monitored discharge. All samples must be taken at the monitoring points specified in this permit, and shall be taken, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water, or substance. Monitoring points may not be changed without notification to and the approval from the Department.

2. Flow Measurements

Appropriate flow measurement devices and methods consistent with accepted scientific practices must be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices must be installed, calibrated and maintained to insure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected must be capable of measuring flows with a maximum deviation of less than ± 10 percent from true discharge rates throughout the range of expected discharge volumes.

3. Monitoring Procedures

Monitoring must be conducted according to test procedures approved under 40 CFR part 136, unless other test procedures have been specified in this permit.

4. Penalties of Tampering

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit may, upon conviction, be punished by a fine of not more than \$10,000 per violation, imprisonment for not more than two years, or both. If a conviction of a person is for a violation committed after a first conviction of such person, punishment is a fine not more than \$20,000 per day of violation, or by imprisonment of not more than four years, or both.

5. Reporting of Monitoring Results

Monitoring results must be summarized each month on a Discharge Monitoring Report form approved by the Department. The reports must be submitted monthly and are to be mailed, delivered or otherwise transmitted by the 15th day of the following month unless specifically approved otherwise in Schedule B of this permit.

6. Additional Monitoring by the Permittee

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 part CFR 136 or as specified in this permit, the results of this monitoring must be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report. Such increased frequency must also be indicated. For a pollutant parameter that may be sampled more than once per day (e.g., Total Chlorine Residual), only the average daily value must be recorded unless otherwise specified in this permit.

7. Averaging of Measurements

Calculations for all limitations that require averaging of measurements must utilize an arithmetic mean, except for bacteria which shall be averaged as specified in this permit.

8. Retention of Records

The permittee must retain records of all monitoring information, including: all calibration, maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit for a period of at least 3 years from the date of the sample, measurement, report, or application. This period may be extended by request of the Department at any time.

9. Records Contents

Records of monitoring information must include:

- a. The date, exact place, time, and methods of sampling or measurements;
- b. The individual(s) who performed the sampling or measurements;
- c. The date(s) analyses were performed;
- d. The individual(s) who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The results of such analyses.

10. Inspection and Entry

The permittee must allow the Department or an authorized representative upon the presentation of credentials to:

- a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit, and
- d. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by state law, any substances or parameters at any location.

SECTION D. REPORTING REQUIREMENTS1. Planned Changes

The permittee must comply with OAR chapter 340, division 52, "Review of Plans and Specifications" and 40 CFR Section 122.41(l) (1). Except where exempted under OAR chapter 340, division 52, no construction, installation, or modification involving disposal systems, treatment works, sewerage systems, or common sewers may be commenced until the plans and specifications are submitted to and approved by the Department. The permittee must give notice to the Department as soon as possible of any planned physical alternations or additions to the permitted facility.

2. Anticipated Noncompliance

The permittee must give advance notice to the Department of any planned changes in the permitted facility or activity that may result in noncompliance with permit requirements.

3. Transfers

This permit may be transferred to a new permittee provided the transferee acquires a property interest in the permitted activity and agrees in writing to fully comply with all the terms and conditions of the permit and the rules of the Commission. No permit may be transferred to a third party without prior written approval from the Department. The Department may require modification, revocation, and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Clean Water Act (see 40 CFR Section 122.61; in some cases, modification or revocation and reissuance is mandatory). The permittee must notify the Department when a transfer of property interest takes place.

4. Compliance Schedule

Reports of compliance or noncompliance with, or any progress reports on interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date. Any reports of noncompliance must include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirements.

5. Twenty-Four Hour Reporting

The permittee must report any noncompliance that may endanger health or the environment. Any information must be provided orally (by telephone) within 24 hours, unless otherwise specified in this permit, from the time the permittee becomes aware of the circumstances. During normal business hours, the Department's Regional office must be called.

Outside of normal business hours, the Department must be contacted at 1-800-452-0311 (Oregon Emergency Response System).

A written submission must also be provided within 5 days of the time the permittee becomes aware of the circumstances. Pursuant to ORS 468.959 (3) (a), if the permittee is establishing an affirmative defense of upset or bypass to any offense under ORS 468.922 to 468.946, delivered written notice must be made to the Department or other agency with regulatory jurisdiction within 4 (four) calendar days of the time the permittee becomes aware of the circumstances. The written submission must contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times;
- c. The estimated time noncompliance is expected to continue if it has not been corrected;
- d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and
- e. Public notification steps taken, pursuant to General Condition B.6

The following must be included as information that must be reported within 24 hours under this paragraph:

- f. Any unanticipated bypass that exceeds any effluent limitation in this permit;
- g. Any upset that exceeds any effluent limitation in this permit;
- h. Violation of maximum daily discharge limitation for any of the pollutants listed by the Department in this permit; and
- i. Any noncompliance that may endanger human health or the environment.

The Department may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

6. Other Noncompliance

The permittee must report all instances of noncompliance not reported under General Condition D.4 or D.5, at the time monitoring reports are submitted. The reports must contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times;
- c. The estimated time noncompliance is expected to continue if it has not been corrected; and
- d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

7. Duty to Provide Information

The permittee must furnish to the Department within a reasonable time any information that the Department may request to determine compliance with this permit. The permittee must also furnish to the Department, upon request, copies of records required to be kept by this permit.

Other Information: When the permittee becomes aware that it has failed to submit any relevant facts or has submitted incorrect information in a permit application or any report to the Department, it must promptly submit such facts or information.

8. Signatory Requirements

All applications, reports or information submitted to the Department must be signed and certified in accordance with 40 CFR Section 122.22.

9. Falsification of Information

Under ORS 468.953, any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, is subject to a Class C felony punishable by a fine not to exceed \$100,000 per violation and up to 5 years in prison. Additionally, according to 40 CFR 122.41(k)(2), any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a federal civil penalty not to exceed \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

10. Changes to Discharges of Toxic Pollutant

The permittee must notify the Department as soon as it knows or have reason to believe of the following:

- a. That any activity has occurred or will occur that would result in the discharge, on a routine or frequent basis, of any toxic pollutant that is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (1) One hundred micrograms per liter (100 µg/l);
 - (2) Two hundred micrograms per liter (200 µg/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
 - (3) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR Section 122.21(g)(7); or
 - (4) The level established by the Department in accordance with 40 CFR Section 122.44(f).
- b. That any activity has occurred or will occur that would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant that is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (1) Five hundred micrograms per liter (500 µg/l);
 - (2) One milligram per liter (1 mg/l) for antimony;
 - (3) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR Section 122.21(g)(7); or
 - (4) The level established by the Department in accordance with 40 CFR Section 122.44(f).

SECTION E. DEFINITIONS

1. *BOD* means five-day biochemical oxygen demand.
2. *TSS* means total suspended solids.
3. "*Bacteria*" includes but is not limited to fecal coliform bacteria, total coliform bacteria, and *E. coli* bacteria.
4. *FC* means fecal coliform bacteria.
5. *Total residual chlorine* means combined chlorine forms plus free residual chlorine
6. *Technology based permit effluent limitations* means technology-based treatment requirements as defined in 40 CFR Section 125.3, and concentration and mass load effluent limitations that are based on minimum design criteria specified in OAR Chapter 340, Division 41.
7. *mg/l* means milligrams per liter.
8. *kg* means kilograms.
9. *m³/d* means cubic meters per day.
10. *MGD* means million gallons per day.
11. *24-hour Composite sample* means a combination of at least six discrete sample aliquots of at least 100 milliliters, collected at periodic intervals from the same location, during the operating hours of the facility over a 24 hour period. Four (rather than six) aliquots should be collected for volatile organics analyses. The composite must be flow or time proportional, whichever is more appropriate. The sample aliquots must be collected and stored in accordance with procedures prescribed in the most recent edition of *Standard Methods for the Examination of Water and Wastewater*.
12. *Grab sample* means an individual discrete sample collected over a period of time not to exceed 15 minutes.
13. *Quarter* means January through March, April through June, July through September, or October through December.
14. *Month* means calendar month.
15. *Week* means a calendar week of Sunday through Saturday.

ATTACHMENT E

Photograph Log

All photographs taken by Jon Klemesrud on May 17, 2023

Nikon Coolpix AW100

Photograph Log – Sierra Pacific Industries – Eugene



Photo #:01 (DSCN3272)

Description: Facing northwest, photo of the vehicle wash area and discharge location. Vehicles are washed with fresh water and effluent travels as sheet flow to the north drainage ditch. The drainage ditch is piped underground and then surfaces along the eastern portion of the property prior to discharging to the settling pond and outfall 001.



Photo #:02 (DSCN3273)

Description: Facing north, photo of catch basin southwest of the vehicle wash area. The catch basin also receiving flow from the vehicle wash area and discharges via pipe to the drainage ditch to the north. Absorbant boom located around the catch basin and within the drainage ditch. Booms area replaced as needed by operations crew.



Photo #:03 (DSCN3274)

Description: Facing south, photo of the north settling pond. The pond discharges from the northwest corner via the black conveyance pipe.



Photo #:04 (DSCN3275)

Description: Facing south, photo of the boiler blowdown effluent discharging to the settling pond a few inches from the pond's discharge conveyance pipe.

Photograph Log – Sierra Pacific Industries – Eugene



Photo #:05 (DSCN3276)

Description: Facing south, photo of the effluent weir/gate north of the settling pond.



Photo #:06 (DSCN3277)

Description: Facing south, photo of the effluent weir/gate north of the settling pond from the sample/flow monitoring location.

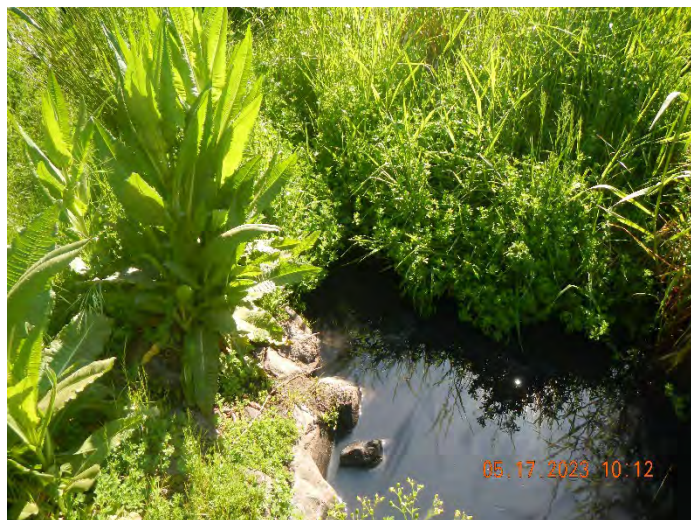


Photo #:07 (DSCN3278)

Description: Facing east, photo of the sampling location north of the effluent weir/gate.



Photo #:08 (DSCN3279)

Description: Facing north, photo of the effluent weir/gate and screening. The metal grate was composed of holes approximately 1 inch in diameter. Mesh screening was observed to be attached to the metal grate but did not extend down into the discharge.

Photograph Log – Sierra Pacific Industries – Eugene



Photo #:09 (DSCN3280)

Description: Facing northwest, photo of the north end of the drainage ditch/channel discharging to the settling basin. Absorbant booms stretched across the ditch/channel. The ditch/channel was last cleaned out in November 2022 (approx.).



Photo #:10 (DSCN3281)

Description: Facing northeast, photo of the northeast end of the drainage ditch/channel discharging to the settling basin. Absorbant booms stretched across the ditch/channel. The ditch/channel was last cleaned out in November 2022 (approx.).



Photo #:11 (DSCN3282)

Description: Facing south, photo of the northeast corner of the log yard, south of the settling pond.



Photo #:12 (DSCN3283)

Description: Facing south, photo of the northeast corner of the log yard, south of the settling pond. Water from the log sprinkler system travels as sheet flow the east and discharges to the drainage ditch/channel.

Photograph Log – Sierra Pacific Industries – Eugene



Photo #:13 (DSCN3284)

Description: Facing south, photo of the eastern log deck area, south of the truck/log scale. Water from the areas of log sprinkler system on the log deck is conveyed to this central capture area and discharged to drainage ditch channel. Log yard is swept daily.



Photo #:14 (DSCN3285)

Description: Photo of the Facility's pH meter.



Photo #:15 (DSCN3286)

Description: Photo of the pH calibration buffers and dates indicating calibration. A 2-point calibration is conducted using standards of 4 and 7.



Photo #:16 (DSCN3287)

Description: Photo within the cogeneration boiler condensate treatment system building.

Photograph Log – Sierra Pacific Industries – Eugene

Photo #:17 (DSCN3288)
Description: Photo within the cogeneration boiler condensate treatment system building.



Photo #:18 (DSCN3289)
Description: Photo within the cogeneration boiler condensate treatment system building.

ATTACHMENT F

Post Inspection Email Correspondence

From: [Klemesrud, Jon](#)
To: [mbosch@spi-ind.com](#); [bmainard@spi-ind.com](#); [jhiggins@spi-ind.com](#)
Cc: [ULLRICH Andy DEQ](#); [EAGLESON Bradley DEQ](#)
Subject: SPI-Eugene - EPA Inspection: Requested Documentation / Follow-Up
Date: Friday, May 19, 2023 11:21:00 AM
Attachments: [image001.png](#)

Hi Brandon/Jeremy/Matt,

Thanks again for facilitating/hosting EPA and ODEQ on short notice Wednesday for the Clean Water Act (CWA) inspection at the Eugene facility. We enjoyed our time on-site and it was good to get updated on current operations since the last ODEQ inspection, which I believe occurred in 2017. Note that this inspection was limited to the ODEQ issued NPDES wastewater individual permit (OR0022985). I think the inspection went well and it appeared wastewater infrastructure was operating smoothly. Brandon - If you wish, I would be happy to schedule a call/meeting for next week to discuss my inspection observations further as well as next-steps. These were already discussed in more detail with Jeremy and Matt during the inspection.

With Brandon's absence, monitoring records [bench sheet data and analytical (lab) reports] were not available for review on-site. As the permit is setup for self-monitoring, I wanted to follow up with a request to review (electronically) a few sampling related items as they relate to permit compliance. A review of these items are generally standard for all inspections. As a snapshot, I was hoping to review a few randomly selected months/weeks of monitoring data for the parameters required under the permit. (pH, flow, temperature, TSS, BOD, oil & grease and observations of floating solids/debris). This would include any laboratory analytical results for the requested sampling events, also including chain of custody documentation and any bench sheet data/in-house monitoring results collected by the sampler. Months requested include July 2022, November 2021 and October 2020. Additionally, if there are any internal standard operating procedures or QA/QC documents related to sampling or flow measurement I would like to review those as well.

As discussed with Jeremy and Matt on-site, the following potential compliance concerns were identified and discussed yesterday:

- Prior to the inspection I reviewed DMR submitted data going back 5 years, the following exceedances of the permit limit(s) were reported. It was noted that the facility did complete a non-compliance report on November 10, 2022 to address the prior exceedances (11/01/2021 – 7/01/2022).

Month	Outfall	Parameter Code and Name	DMR Value	Permit Limit	% Exceeda	Limit Type	#V	Due/Rec'd
NOV 2021	001 A	00530 Solids, total suspended	160	130 mg/L	23	MO AVG	30	12/15 12/08
DEC 2021	001 A	00400 pH	6.3	6.5 SU	3	DAILY MN	1	1/15 1/13
JAN 2022	001 A	00400 pH	5.5	6.5 SU	15	DAILY MN	1	2/15 2/14
FEB 2022	001 A	00400 pH	10	8.5 SU	18	DAILY MX	1	3/15 3/04
MAR 2022	001 A	00400 pH	5	6.5 SU	23	DAILY MN	1	4/15 4/14
MAR 2022	001 A	00400 pH	9.4	8.5 SU	11	DAILY MX	1	4/15 4/14
APR 2022	001 A	00400 pH	5.8	6.5 SU	11	DAILY MN	1	5/15 5/12
MAY 2022	001 A	00400 pH	5.6	6.5 SU	14	DAILY MN	1	6/15 6/10
JUN 2022	001 A	00400 pH	4.6	6.5 SU	29	DAILY MN	1	7/15 7/08
JUL 2022	001 A	00010 Temperature, water deg. centigrade	19.1	18 deg C	6	WKLY AVG	7	8/15 8/15
JUL 2022	001 A	00400 pH	2	6.5 SU	69	DAILY MN	1	8/15 8/15
SEP 2022	001 A	00400 pH	5.4	6.5 SU	17	DAILY MN	1	10/15 10/04
JAN 2023	001 A	00400 pH	6.2	6.5 SU	5	DAILY MN	1	2/15 2/07
JAN 2023	001 A	00400 pH	9	8.5 SU	6	DAILY MX	1	2/15 2/07

- While observing the gated outfall. We observed some mesh screening that was attached to the steel gate, the mesh screening appeared to be worn/eroded and was not submerged in the effluent flow.

The steel gate was composed of approximately 1-inch holes. Schedule A.1.a. states that no floating solids/debris are allowed to be discharged. Note 2 defines "Debris" as anything that can be retained by a 5 mesh screen. Although no floating solids/debris were observed to be discharging at the time of inspection, if the screen is used to address the requirement I would suggest repairing the mesh to ensure compliance with the debris discharge permit language.

- When discussing temperature measurement, Jason (Nelson) discussed that the facility uses an infrared thermometer. As the infrared thermometer is measuring surface temperature, I would suggest the facility review the approved method (40 CFR 136) for temperature to ensure temperature monitoring is compliant with one of the approved standard methods. I did note this was also an "action item" documented in the 2017 ODEQ inspection report.
- When discussing pH calibration, Jason (Nelson) discussed that the pH meter calibrations are documented on the outside of the box containing the pH meter, which listed a series of days/months, most recently "5/8." pH calibration was discussed as a 2-point calibration using standard solutions of 4 and 7. Buffers selected for a 2 point calibration should bracket the expected value of the pH sample and the pH meter should be calibrated prior to each use. Given the variability in the reported pH values, the facility should consider a 3 point calibration and calibration records should include the full date, name of the person who performed the calibration, the buffers used, the time of calibration, the temperature of the buffer, the pH value prior to calibration and the slope (in %). I did note that pH calibration documentation was also an "action item" documented in the 2017 ODEQ inspection report.

Thanks again for your time and assistance, if I could get the requested documentation sometime next week that would be much appreciated. Feel free to reach out if you have any questions/concerns.

One last item, I am providing a link to a general compliance assistance document that we typically hand-out on all inspections, it may contain some links to some available resources:

<https://www.epa.gov/sites/default/files/2017-06/documents/smallbusinessinfo.pdf>

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