



October 28, 2024

Patty Isaak
Water Quality Permit Coordinator
DEQ Eastern Region
800 SE Emigrant Avenue, Suite 330
Pendleton, OR 97801

**Re: NPDES Permit Renewal Application
JELD-WEN, inc., d.b.a. JELD-WEN
4013 Lakeport Blvd.
Klamath Falls, OR 97601**

Dear Patty Isaak,

The JELD-WEN facilities located in Klamath Falls, Oregon submits the enclosed application to renew the NPDES permit. Included with the renewal application and associated attachments is a letter submitted to ORDEQ on 4/26/2024. JELD-WEN is requesting our stormwater monitoring to be included in permit #101540, as it has been historically. In 2008, JELD-WEN submitted a renewal application for Individual NPDES Permit #101540, that permit renewal was never processed. JELD-WEN's Klamath Falls facility discharges non-contact cooling water, boiler blowdown and stormwater comingled in an elongated pond. It cannot be separated. The attached letter states additional information and our proposal for our stormwater to continue to be covered under permit #101540.

If you require further information, contact me at (541) 827-9678.

Sincerely,

JELD-WEN, Inc.

William Morgan
Regional Environmental Manager

Enclosures: NPDES Renewal Application, Permit Coverage Request Letter



Oregon Department of Environmental Quality
RENEWAL APPLICATION
National Pollutant Discharge Elimination System
Individual Permit
(NPDES-R)

DEQ USE ONLYApplication #: **948006**

Annual Fee Paid: _____

☒ IND ☐ DOM ☐ OSS ☐ UIC: _____DOC Conf: ☒ _____**A. REFERENCE INFORMATION**

1. Legal Name: JELD-WEN, Inc.	2. Common Name: JELD-WEN
3. Permit #: 101540 DEQ File#: 43230 Permit Expiration Date: 4/30/2025	
4. Facility Physical Address: 4013 Lakeport Blvd., City, State, Zip Code: Klamath Falls, Oregon, 97601 County: Klamath County	
5. Responsible Official: Ryan Nyseth Mailing Address, City, State, Zip Code: 4013 Lakeport Blvd, Email Address: rnyseth@jeldwen.com	Title: Plant Manager Telephone #: 541-363-4048
6. Facility Contact: William Morgan Mailing Address, City, State, Zip Code: 3737 Lakeport Blvd. Email Address: wmorgan@jeldwen.com	Title: Regional Environmental Manager Telephone #: 541-827-9678
7. Invoice to: Ryan Nyseth Mailing Address, City, State, Zip Code: 4013 Lakeport Blvd, Email Address: rnyseth@jeldwen.com	Title: Plant Manager Telephone #: 541-363-4048

B. REQUIRED INFORMATION

(EPA Form 2A, 2B, 2C, 2E, or 2F must also be submitted with this application)

Attach additional information to describe the following:

1. The permitted facility, type of wastewater, and primary method of wastewater treatment and disposal.
2. Any alterations to treatment or disposal methods since the last application was submitted.
3. Any significant changes in quantity or quality of wastewater since the last application was submitted.
4. Any significant changes in the management of biosolids, recycled water, or industrial solids since the last application was submitted.
5. Any changes anticipated in the near future that would affect wastewater quantity or quality or management of biosolids, recycled water, or industrial solids.
6. Progress made to meet the requirements, limitations, and compliance schedules of your permit.

C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE

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. In addition, I agree to pay the annual compliance determination fee invoiced annually by DEQ and all other fees required by Oregon Administrative Rules, Chapter 340, Division 045.

Shane Balsz

Plant Manager

Name of Legally Authorized Representative (Type or Print)

Title

Signature of Legally Authorized Representative

10-30-2024

Date

EPA Identification Number OR0031011	NPDES Permit Number 101540	Facility Name JELD-WEN - Klamath Falls	OMB No. 2040-0004 Expires 07/31/2026
--	-------------------------------	---	---

Form 2C NPDES		U.S. Environmental Protection Agency Application for NPDES Permit to Discharge Wastewater EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURE OPERATIONS
---------------------	--	--

SECTION 1. OUTFALL LOCATION (40 CFR 122.21(G)(1))

Outfall Location	1.1	Provide information on each of the facility's outfalls in the table below.			
		Outfall Number	Receiving Water Name	Latitude	Longitude
		001	Upper Klamath Lake	42.255971	-121.810605
		005	Seasonal Irrigation	42.255858	-121.807888

SECTION 2. LINE DRAWING (40 CFR 122.21(G)(2))

Line Drawing	2.1	Have you attached a line drawing to this application that shows the water flow through your facility with a water balance? (See instructions for drawing requirements. See Exhibit 2C-1 at end of instructions for example.) ☒ Yes
--------------	---------------------	---

SECTION 3. AVERAGE FLOWS AND TREATMENT (40 CFR 122.21(G)(3))

Average Flows and Treatment	3.1	For each outfall identified under Item 1.1, provide average flow and treatment information. Add additional sheets if necessary.		
		Outfall Number 001/005		
		Operations Contributing to Flow		
		Operation	Average Flow	
		Stormwater	0.257760 mgd	
		Boiler Blowdown	0.021600 mgd	
		Non-Contact Cooling Water	0.014112 mgd	
		Heat Pump Transfer Water	0.008640 mgd	
		Treatment Units		
		Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Exhibit 2C-2	Final Disposal of Solid or Liquid Wastes Other Than by Discharge
		Stormwater		4-A
		Boiler Blowdown	2-K	4-A

EPA Identification Number OR0031011		NPDES Permit Number 101540	Facility Name JELD-WEN - Klamath Falls	OMB No. 2040-0004 Expires 07/31/2026
--	--	-------------------------------	---	---

Average Flows and Treatment Continued	3.1 cont.	**Outfall Number** 001/005			
		Operations Contributing to Flow			
		Operation		Average Flow	
		Filtration System		0.008877 mgd	
		Unknown Quantity Flow Sources from Flow Chart		unknown mgd	
				mgd	
				mgd	
		Treatment Units			
		Description (include size, flow rate through each treatment unit, retention time, etc.)		Code from Exhibit 2C-2	Final Disposal of Solid or Liquid Wastes Other Than by Discharge
		Filtration System		1-H, 2-A	4-A
		Unknown Quantity Flow Sources from Flow Chart			4-A
		Outfall Number			
		Operations Contributing to Flow			
		Operation		Average Flow	
				mgd	
				mgd	
				mgd	
				mgd	
		Treatment Units			
		Description (include size, flow rate through each treatment unit, retention time, etc.)		Code from Exhibit 2C-2	Final Disposal of Solid or Liquid Wastes Other Than by Discharge
System Users	3.2	Are you applying for an NPDES permit to operate a privately owned treatment works? ☐ Yes ☒ No → SKIP to Section 4.			
	3.3	Have you attached a list that identifies each user of the treatment works? ☐ Yes			

EPA Identification Number OR0031011	NPDES Permit Number 101540	Facility Name JELD-WEN - Klamath Falls
--	-------------------------------	---

OMB No. 2040-0004
Expires 07/31/2026

SECTION 4. INTERMITTENT FLOWS (40 CFR 122.21(G)(4))

Intermittent Flows	4.1	Except for storm runoff, leaks, or spills, are any discharges described in Sections 1 and 3 intermittent or seasonal? ☐ Yes ☒ No → SKIP to Section 5.						
	4.2	Provide information on intermittent or seasonal flows for each applicable outfall. Attach additional pages, if necessary.						
		Outfall Number	Operation (list)	Frequency		Flow Rate		Duration
				Average Days/Week	Average Months/Year	Long-Term Average	Maximum Daily	
				days/week	months/year	mgd	mgd	days
				days/week	months/year	mgd	mgd	days
				days/week	months/year	mgd	mgd	days
				days/week	months/year	mgd	mgd	days
				days/week	months/year	mgd	mgd	days
				days/week	months/year	mgd	mgd	days
				days/week	months/year	mgd	mgd	days
				days/week	months/year	mgd	mgd	days

SECTION 5. PRODUCTION (40 CFR 122.21(G)(5))

Applicable ELGs	5.1	Do any effluent limitation guidelines (ELGs) promulgated by EPA under Section 304 of the CWA apply to your facility? ☐ Yes ☒ No → SKIP to Section 6.		
	5.2	Provide the following information on applicable ELGs.		
		ELG Category	ELG Subcategory	Regulatory Citation
Production-Based Limitations	5.3	Are any of the applicable ELGs expressed in terms of production (or other measure of operation)? ☐ Yes ☒ No → SKIP to Section 6.		
	5.4	Provide an actual measure of daily production expressed in terms and units of applicable ELGs.		
		Outfall Number	Operation, Product, or Material	Quantity per Day

EPA Identification Number OR0031011	NPDES Permit Number 101540	Facility Name JELD-WEN - Klamath Falls	OMB No. 2040-0004 Expires 07/31/2026
--	-------------------------------	---	---

	5.5	Are you requesting alternative limits based on an anticipated increase in the actual production during the next permit term? (Consult with your NPDES permitting authority to determine what information needs to be submitted and when.)
		☐ Yes ☐ No

SECTION 6. IMPROVEMENTS (40 CFR 122.21(G)(6))					
Upgrades and Improvements	6.1	Are you presently required by any federal, state, or local authority to meet an implementation schedule for constructing, upgrading, or operating wastewater treatment equipment or practices or any other environmental programs that could affect the discharges described in this application?			
		☐ Yes ☒ No → SKIP to Item 6.3.			
	6.2	Briefly identify each applicable project in the table below.			
		Brief Identification and Description of Project	Affected Outfalls (list outfall number)	Source(s) of Discharge	Final Compliance Dates
				Required	Projected
	6.3	Have you attached sheets describing any additional water pollution control programs (or other environmental projects that may affect your discharges) that you now have underway or planned? <i>(optional item)</i>			
		☐ Yes ☒ No ☐ Not applicable			

SECTION 7. EFFLUENT AND INTAKE CHARACTERISTICS (40 CFR 122.21(G)(7))	
Effluent and Intake Characteristics	See the instructions to determine the pollutants and parameters you are required to monitor and, in turn, the tables you must complete. Not all applicants need to complete each table.
	Table A. Conventional and Non-Conventional Pollutants
	7.1
	Are you requesting a waiver from your NPDES permitting authority for any Table A pollutants for any of your outfalls?
	☐ Yes ☒ No → SKIP to Item 7.3.
	7.2
	If yes, indicate the applicable outfalls below or check the appropriate box to indicate that you are requesting a waiver for all outfalls. Attach waiver request and other required information to the application.
	Outfall number _____ Outfall number _____ Outfall number _____ ☐ I am requesting a waiver for some pollutants at all outfalls. ☐ I am requesting a waiver for all pollutants at all outfalls → SKIP to Item 7.4.
7.3	
Have you completed monitoring for all Table A pollutants at each of your outfalls for which a waiver has not been requested and attached the results to this application package?	
☒ Yes	
	Table B. Toxic Metals, Cyanide, Total Phenols, and Organic Toxic Pollutants
7.4	
Do any of the facility's processes that contribute wastewater fall into one or more of the primary industry categories listed in Exhibit 2C-3? (See end of instructions for exhibit.)	
☒ Yes ☐ No → SKIP to Item 7.8.	
7.5	
Have you checked "Testing Required" for all toxic metals, cyanide, and total phenols in Section 1 of Table B?	
☒ Yes	

EPA Identification Number OR0031011	NPDES Permit Number 101540	Facility Name JELD-WEN - Klamath Falls	OMB No. 2040-0004 Expires 07/31/2026
--	-------------------------------	---	---

Effluent and Intake Characteristics Continued	7.6	List the applicable primary industry categories and check the boxes indicating the required GC/MS fraction(s) identified in Exhibit 2C-3. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Primary Industry Category</th> <th style="width: 50%;">Required GC/MS Fraction(s) (check applicable boxes)</th> </tr> <tr> <td style="text-align: center;">Timber Products Processing</td> <td> ☒ Volatile ☒ Acid ☒ Base/neutral ☒ Pesticide </td> </tr> <tr> <td style="text-align: center;">(We do not use pesticides in our process.)</td> <td> ☐ Volatile ☐ Acid ☐ Base/neutral ☐ Pesticide </td> </tr> <tr> <td style="text-align: center;"></td> <td> ☐ Volatile ☐ Acid ☐ Base/neutral ☐ Pesticide </td> </tr> </table>	Primary Industry Category	Required GC/MS Fraction(s) (check applicable boxes)	Timber Products Processing	☒ Volatile ☒ Acid ☒ Base/neutral ☒ Pesticide	(We do not use pesticides in our process.)	☐ Volatile ☐ Acid ☐ Base/neutral ☐ Pesticide		☐ Volatile ☐ Acid ☐ Base/neutral ☐ Pesticide
	Primary Industry Category	Required GC/MS Fraction(s) (check applicable boxes)								
	Timber Products Processing	☒ Volatile ☒ Acid ☒ Base/neutral ☒ Pesticide								
	(We do not use pesticides in our process.)	☐ Volatile ☐ Acid ☐ Base/neutral ☐ Pesticide								
		☐ Volatile ☐ Acid ☐ Base/neutral ☐ Pesticide								
7.7	Have you checked "Testing Required" for all required pollutants in Sections 2 through 5 of Table B for each of the GC/MS fractions checked in Item 7.6? ☒ Yes									
7.8	Have you checked "Believed Present" or "Believed Absent" for all pollutants listed in Sections 1 through 5 of Table B where testing is not required? ☒ Yes									
7.9	Have you provided (1) quantitative data for those Section 1, Table B, pollutants for which you have indicated testing is required or (2) quantitative data or other required information for those Section 1, Table B, pollutants that you have indicated are "Believed Present" in your discharge? ☒ Yes									
7.10	Does the applicant qualify for a small business exemption under the criteria specified in the instructions? ☐ Yes → Note that you qualify at the top of Table B, then SKIP to Item 7.12. ☒ No									
7.11	Have you provided (1) quantitative data for those Sections 2 through 5, Table B, pollutants for which you have determined testing is required or (2) quantitative data or an explanation for those Sections 2 through 5, Table B, pollutants you have indicated are "Believed Present" in your discharge? ☐ Yes Not applicable. No data to provide.									
Table C. Certain Conventional and Non-Conventional Pollutants										
7.12	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed in Table C for all outfalls? ☒ Yes									
7.13	Have you completed Table C by providing quantitative data for those pollutants that are limited either directly or indirectly in an ELG? You must provide quantitative data even if the pollutant is "Believed Absent." ☐ Yes ☒ Not applicable									
7.14	Have you completed Table C by providing quantitative data or an explanation for those pollutants for which you have indicated "Believed Present"? ☐ Yes Not applicable. No data to provide.									
Table D. Certain Hazardous Substances and Asbestos										
7.15	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed in Table D for all outfalls? ☒ Yes									
7.16	Have you completed Table D by (1) describing the reasons the applicable pollutants are expected to be discharged and (2) providing quantitative data, if available? ☐ Yes ☒ No									
Table E. 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)										
7.17	Does the facility use or manufacture one or more of the 2,3,7,8-TCDD congeners listed in the instructions, or do you know or have reason to believe that TCDD is or may be present in the effluent? ☐ Yes → Complete Table E. ☒ No → SKIP to Section 8.									
7.18	Have you completed Table E by reporting <i>qualitative</i> data for TCDD? ☐ Yes									

EPA Identification Number OR0031011	NPDES Permit Number 101540	Facility Name JELD-WEN - Klamath Falls
--	-------------------------------	---

OMB No. 2040-0004
Expires 07/31/2026

SECTION 8. USED OR MANUFACTURED TOXICS (40 CFR 122.21(G)(9))

Used or Manufactured Toxics	<u>8.1</u>	Is any pollutant listed in Table B a substance or a component of a substance used or manufactured at your facility as an intermediate or final product or byproduct? ☐ Yes ☒ No → SKIP to Section 9.		
	<u>8.2</u>	List the pollutants below. Attach additional sheets, if necessary.		
	1.	4.	7.	
	2.	5.	8.	
	3.	6.	9.	

SECTION 9. BIOLOGICAL TOXICITY TESTS (40 CFR 122.21(G)(11))

Biological Toxicity Tests	<u>9.1</u>	Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made within the last three years on (1) any of your discharges or (2) a receiving water in relation to your discharge? ☐ Yes ☒ No → SKIP to Section 10.		
	<u>9.2</u>	Identify the tests and their purposes below.		
		Test(s)	Purpose of Test(s)	Submitted to NPDES Permitting Authority?
				☐ Yes ☐ No
				☐ Yes ☐ No
			☐ Yes ☐ No	

SECTION 10. CONTRACT ANALYSES (40 CFR 122.21(G)(12))

Contract Analyses	<u>10.1</u>	Were any of the analyses reported in Section 7 performed by a contract laboratory or consulting firm? ☒ Yes ☐ No → SKIP to Section 11.		
	<u>10.2</u>	Provide information for each contract laboratory or consulting firm below.		
			Laboratory Number 1	Laboratory Number 2
	Name of laboratory/firm	Neilson Research Cororation		
	Laboratory address	245 S Grape St. Medford, OR 97501		
	Phone number	(541) 770-5678		
	Pollutant(s) analyzed	BOD, Ammonia Nitrogen, TOC, COD, TSS, Oil and Grease		

EPA Identification Number OR0031011	NPDES Permit Number 101540	Facility Name JELD-WEN - Klamath Falls
--	-------------------------------	---

OMB No. 2040-0004
Expires 07/31/2026

SECTION 11. ADDITIONAL INFORMATION (40 CFR 122.21(G)(13))

Additional Information	<u>11.1</u>	Has the NPDES permitting authority requested additional information? ☐ Yes ☒ No → SKIP to Section 12.
	<u>11.2</u>	List the information requested and attach it to this application.
	1.	4.
	2.	5.
	3.	6.

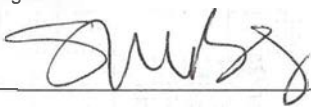
SECTION 12. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(A) AND (D))

Checklist and Certification Statement	<u>12.1</u>	In Column 1 below, mark the sections of Form 2C that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to complete all sections or provide attachments.	
		Column 1	Column 2
	☒	Section 1: Outfall Location	☒ w/ attachments
	☒	Section 2: Line Drawing	☒ w/ line drawing ☐ w/ additional attachments
	☒	Section 3: Average Flows and Treatment	☒ w/ attachments ☐ w/ list of each user of privately owned treatment works
	☒	Section 4: Intermittent Flows	☐ w/ attachments
	☒	Section 5: Production	☐ w/ attachments
	☒	Section 6: Improvements	☐ w/ attachments ☐ w/ optional additional sheets describing any additional pollution control plans
	☒	Section 7: Effluent and Intake Characteristics	☐ w/ request for a waiver and supporting information ☐ w/ small business exemption request ☒ w/ Table A ☒ w/ Table C ☒ w/ Table E ☐ w/ explanation for identical outfalls ☐ w/ other attachments ☒ w/ Table B ☒ w/ Table D ☒ w/ analytical results as an attachment
	☐	Section 8: Used or Manufactured Toxics	☐ w/ attachments
	☒	Section 9: Biological Toxicity Tests	☐ w/ attachments
	☒	Section 10: Contract Analyses	☐ w/ attachments
	☒	Section 11: Additional Information	☐ w/ attachments
	☒	Section 12: Checklist and Certification Statement	☐ w/ attachments

EPA Identification Number OR0031011	NPDES Permit Number 101540	Facility Name JELD-WEN - Klamath Falls
--	-------------------------------	---

OMB No. 2040-0004
Expires 07/31/2026

SECTION 12. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d)) (Continued)

Checklist and Certification Statement	<u>12.2</u>	Provide the following certification. (See instructions to determine the appropriate person to sign the application.)	
		Certification Statement	
		<i>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.</i>	
		Name (print or type first and last name) Shane Balsz	Official title Plant Manager
	Signature 	Date signed 10-30-2024	

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE A. CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(iii)) ¹										
	Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent				Intake (optional)	
					Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
☐	Check here if you have applied to your NPDES permitting authority for a waiver for <i>all</i> of the pollutants listed on this table for the noted outfall.									
1.	Biochemical oxygen demand (BOD ₅)	☒	Concentration	mg/L	7.0	NA	NA	1	NA	NA
			Mass	lbs/day	7.25	NA	NA	1	NA	NA
2.	Chemical oxygen demand (COD)	☒	Concentration	mg/L	43.3	NA	NA	1	NA	NA
			Mass	lbs/day	44.87	NA	NA	1	NA	NA
3.	Total organic carbon (TOC)	☒	Concentration	mg/L	12.7	NA	NA	1	NA	NA
			Mass	lbs/day	13.6	NA	NA	1	NA	NA
4.	Total suspended solids (TSS)	☒	Concentration	mg/L	2.6	NA	NA	1	NA	NA
			Mass	lbs/day	2.69	NA	NA	1	NA	NA
5.	Ammonia (as N)	☒	Concentration	mg/L	0.059	NA	NA	1	NA	NA
			Mass	lbs/day	0.06	NA	NA	1	NA	NA
6.	Flow	☒	Rate	mgd	1.541995	6.576443	0.156484	15	NA	NA
7.	Temperature (winter)	☒	°C	°C	18.89	18.89	12.42	9	NA	NA
	Temperature (summer)	☒	°C	°C	NA	NA	NA	NA	NA	NA
8.	pH (minimum)	☒	Standard units	s.u.	7.9	7.9	6.9	15	NA	NA
	pH (maximum)	☒	Standard units	s.u.	8.9	8.9	7.9	15	NA	NA

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

This page intentionally left blank.

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses

☐ Check here if you qualify as a small business per the instructions to Form 2C and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Sections 2 through 5 of this table. Note, however, that you must still indicate in the appropriate column of this table if you believe any of the pollutants listed are present in your discharge.

Section 1. Toxic Metals, Cyanide, and Total Phenols

1.1	Antimony, total (7440-36-0)	☐	☐	☒	Concentration					
					Mass					
1.2	Arsenic, total (7440-38-2)	☐	☐	☒	Concentration					
					Mass					
1.3	Beryllium, total (7440-41-7)	☐	☐	☒	Concentration					
					Mass					
1.4	Cadmium, total (7440-43-9)	☐	☐	☒	Concentration					
					Mass					
1.5	Chromium, total (7440-47-3)	☐	☐	☒	Concentration					
					Mass					
1.6	Copper, total (7440-50-8)	☐	☐	☒	Concentration					
					Mass					
1.7	Lead, total (7439-92-1)	☐	☐	☒	Concentration					
					Mass					
1.8	Mercury, total (7439-97-6)	☐	☐	☒	Concentration					
					Mass					
1.9	Nickel, total (7440-02-0)	☐	☐	☒	Concentration					
					Mass					
1.10	Selenium, total (7782-49-2)	☐	☐	☒	Concentration					
					Mass					
1.11	Silver, total (7440-22-4)	☐	☐	☒	Concentration					
					Mass					

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
1.12	Thallium, total (7440-28-0)	☐	☐	☒	Concentration						
					Mass						
1.13	Zinc, total (7440-66-6)	☐	☐	☒	Concentration						
					Mass						
1.14	Cyanide, total (57-12-5)	☐	☐	☒	Concentration						
					Mass						
1.15	Phenols, total	☐	☐	☒	Concentration						
					Mass						

Section 2. Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)

2.1	Acrolein (107-02-8)	☐	☐	☒	Concentration						
					Mass						
2.2	Acrylonitrile (107-13-1)	☐	☐	☒	Concentration						
					Mass						
2.3	Benzene (71-43-2)	☐	☐	☒	Concentration						
					Mass						
2.4	Bromoform (75-25-2)	☐	☐	☒	Concentration						
					Mass						
2.5	Carbon tetrachloride (56-23-5)	☐	☐	☒	Concentration						
					Mass						
2.6	Chlorobenzene (108-90-7)	☐	☐	☒	Concentration						
					Mass						
2.7	Chlorodibromomethane (124-48-1)	☐	☐	☒	Concentration						
					Mass						
2.8	Chloroethane (75-00-3)	☐	☐	☒	Concentration						
					Mass						

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
2.9	2-chloroethylvinyl ether (110-75-8)	☐	☐	☒	Concentration						
					Mass						
2.10	Chloroform (67-66-3)	☐	☐	☒	Concentration						
					Mass						
2.11	Dichlorobromomethane (75-27-4)	☐	☐	☒	Concentration						
					Mass						
2.12	1,1-dichloroethane (75-34-3)	☐	☐	☒	Concentration						
					Mass						
2.13	1,2-dichloroethane (107-06-2)	☐	☐	☒	Concentration						
					Mass						
2.14	1,1-dichloroethylene (75-35-4)	☐	☐	☒	Concentration						
					Mass						
2.15	1,2-dichloropropane (78-87-5)	☐	☐	☒	Concentration						
					Mass						
2.16	1,3-dichloropropylene (542-75-6)	☐	☐	☒	Concentration						
					Mass						
2.17	Ethylbenzene (100-41-4)	☐	☐	☒	Concentration						
					Mass						
2.18	Methyl bromide (74-83-9)	☐	☐	☒	Concentration						
					Mass						
2.19	Methyl chloride (74-87-3)	☐	☐	☒	Concentration						
					Mass						
2.20	Methylene chloride (75-09-2)	☐	☐	☒	Concentration						
					Mass						
2.21	1,1,2,2- tetrachloroethane (79-34-5)	☐	☐	☒	Concentration						
					Mass						

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
2.22	Tetrachloroethylene (127-18-4)	☐	☐	☒	Concentration						
					Mass						
2.23	Toluene (108-88-3)	☐	☐	☒	Concentration						
					Mass						
2.24	1,2-trans-dichloroethylene (156-60-5)	☐	☐	☒	Concentration						
					Mass						
2.25	1,1,1-trichloroethane (71-55-6)	☐	☐	☒	Concentration						
					Mass						
2.26	1,1,2-trichloroethane (79-00-5)	☐	☐	☒	Concentration						
					Mass						
2.27	Trichloroethylene (79-01-6)	☐	☐	☒	Concentration						
					Mass						
2.28	Vinyl chloride (75-01-4)	☐	☐	☒	Concentration						
					Mass						
Section 3. Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)											
3.1	2-chlorophenol (95-57-8)	☐	☐	☒	Concentration						
					Mass						
3.2	2,4-dichlorophenol (120-83-2)	☐	☐	☒	Concentration						
					Mass						
3.3	2,4-dimethylphenol (105-67-9)	☐	☐	☒	Concentration						
					Mass						
3.4	4,6-dinitro-o-cresol (534-52-1)	☐	☐	☒	Concentration						
					Mass						
3.5	2,4-dinitrophenol (51-28-5)	☐	☐	☒	Concentration						
					Mass						

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
3.6	2-nitrophenol (88-75-5)	☐	☐	☒	Concentration						
					Mass						
3.7	4-nitrophenol (100-02-7)	☐	☐	☒	Concentration						
					Mass						
3.8	p-chloro-m-cresol (59-50-7)	☐	☐	☒	Concentration						
					Mass						
3.9	Pentachlorophenol (87-86-5)	☐	☐	☒	Concentration						
					Mass						
3.10	Phenol (108-95-2)	☐	☐	☒	Concentration						
					Mass						
3.11	2,4,6-trichlorophenol (88-05-2)	☐	☐	☒	Concentration						
					Mass						
Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds)											
4.1	Acenaphthene (83-32-9)	☐	☐	☒	Concentration						
					Mass						
4.2	Acenaphthylene (208-96-8)	☐	☐	☒	Concentration						
					Mass						
4.3	Anthracene (120-12-7)	☐	☐	☒	Concentration						
					Mass						
4.4	Benzidine (92-87-5)	☐	☐	☒	Concentration						
					Mass						
4.5	Benzo (a) anthracene (56-55-3)	☐	☐	☒	Concentration						
					Mass						
4.6	Benzo (a) pyrene (50-32-8)	☐	☐	☒	Concentration						
					Mass						

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.7	3,4-benzofluoranthene (205-99-2)	☐	☐	☒	Concentration						
					Mass						
4.8	Benzo (ghi) perylene (191-24-2)	☐	☐	☒	Concentration						
					Mass						
4.9	Benzo (k) fluoranthene (207-08-9)	☐	☐	☒	Concentration						
					Mass						
4.10	Bis (2-chloroethoxy) methane (111-91-1)	☐	☐	☒	Concentration						
					Mass						
4.11	Bis (2-chloroethyl) ether (111-44-4)	☐	☐	☒	Concentration						
					Mass						
4.12	Bis (2-chloroisopropyl) ether (102-80-1)	☐	☐	☒	Concentration						
					Mass						
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)	☐	☐	☒	Concentration						
					Mass						
4.14	4-bromophenyl phenyl ether (101-55-3)	☐	☐	☒	Concentration						
					Mass						
4.15	Butyl benzyl phthalate (85-68-7)	☐	☐	☒	Concentration						
					Mass						
4.16	2-chloronaphthalene (91-58-7)	☐	☐	☒	Concentration						
					Mass						
4.17	4-chlorophenyl phenyl ether (7005-72-3)	☐	☐	☒	Concentration						
					Mass						
4.18	Chrysene (218-01-9)	☐	☐	☒	Concentration						
					Mass						
4.19	Dibenzo (a,h) anthracene (53-70-3)	☐	☐	☒	Concentration						
					Mass						

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.20	1,2-dichlorobenzene (95-50-1)	☐	☐	☒	Concentration						
					Mass						
4.21	1,3-dichlorobenzene (541-73-1)	☐	☐	☒	Concentration						
					Mass						
4.22	1,4-dichlorobenzene (106-46-7)	☐	☐	☒	Concentration						
					Mass						
4.23	3,3-dichlorobenzidine (91-94-1)	☐	☐	☒	Concentration						
					Mass						
4.24	Diethyl phthalate (84-66-2)	☐	☐	☒	Concentration						
					Mass						
4.25	Dimethyl phthalate (131-11-3)	☐	☐	☒	Concentration						
					Mass						
4.26	Di-n-butyl phthalate (84-74-2)	☐	☐	☒	Concentration						
					Mass						
4.27	2,4-dinitrotoluene (121-14-2)	☐	☐	☒	Concentration						
					Mass						
4.28	2,6-dinitrotoluene (606-20-2)	☐	☐	☒	Concentration						
					Mass						
4.29	Di-n-octyl phthalate (117-84-0)	☐	☐	☒	Concentration						
					Mass						
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	☐	☐	☒	Concentration						
					Mass						
4.31	Fluoranthene (206-44-0)	☐	☐	☒	Concentration						
					Mass						
4.32	Fluorene (86-73-7)	☐	☐	☒	Concentration						
					Mass						

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.33	Hexachlorobenzene (118-74-1)	☐	☐	☒	Concentration						
					Mass						
4.34	Hexachlorobutadiene (87-68-3)	☐	☐	☒	Concentration						
					Mass						
4.35	Hexachlorocyclopentadiene (77-47-4)	☐	☐	☒	Concentration						
					Mass						
4.36	Hexachloroethane (67-72-1)	☐	☐	☒	Concentration						
					Mass						
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	☐	☐	☒	Concentration						
					Mass						
4.38	Isophorone (78-59-1)	☐	☐	☒	Concentration						
					Mass						
4.39	Naphthalene (91-20-3)	☐	☐	☒	Concentration						
					Mass						
4.40	Nitrobenzene (98-95-3)	☐	☐	☒	Concentration						
					Mass						
4.41	N-nitrosodimethylamine (62-75-9)	☐	☐	☒	Concentration						
					Mass						
4.42	N-nitrosodi-n-propylamine (621-64-7)	☐	☐	☒	Concentration						
					Mass						
4.43	N-nitrosodiphenylamine (86-30-6)	☐	☐	☒	Concentration						
					Mass						
4.44	Phenanthrene (85-01-8)	☐	☐	☒	Concentration						
					Mass						
4.45	Pyrene (129-00-0)	☐	☐	☒	Concentration						
					Mass						

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
4.46	1,2,4-trichlorobenzene (120-82-1)	☐	☐	☒	Concentration Mass						
Section 5. Organic Toxic Pollutants (GC/MS Fraction—Pesticides)											
5.1	Aldrin (309-00-2)	☐	☐	☒	Concentration Mass						
5.2	α-BHC (319-84-6)	☐	☐	☒	Concentration Mass						
5.3	β-BHC (319-85-7)	☐	☐	☒	Concentration Mass						
5.4	γ-BHC (58-89-9)	☐	☐	☒	Concentration Mass						
5.5	δ-BHC (319-86-8)	☐	☐	☒	Concentration Mass						
5.6	Chlordane (57-74-9)	☐	☐	☒	Concentration Mass						
5.7	4,4'-DDT (50-29-3)	☐	☐	☒	Concentration Mass						
5.8	4,4'-DDE (72-55-9)	☐	☐	☒	Concentration Mass						
5.9	4,4'-DDD (72-54-8)	☐	☐	☒	Concentration Mass						
5.10	Dieldrin (60-57-1)	☐	☐	☒	Concentration Mass						
5.11	α-endosulfan (115-29-7)	☐	☐	☒	Concentration Mass						

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))¹

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
5.12	β-endosulfan (115-29-7)	☐	☐	☒	Concentration						
					Mass						
5.13	Endosulfan sulfate (1031-07-8)	☐	☐	☒	Concentration						
					Mass						
5.14	Endrin (72-20-8)	☐	☐	☒	Concentration						
					Mass						
5.15	Endrin aldehyde (7421-93-4)	☐	☐	☒	Concentration						
					Mass						
5.16	Heptachlor (76-44-8)	☐	☐	☒	Concentration						
					Mass						
5.17	Heptachlor epoxide (1024-57-3)	☐	☐	☒	Concentration						
					Mass						
5.18	PCB-1242 (53469-21-9)	☐	☐	☒	Concentration						
					Mass						
5.19	PCB-1254 (11097-69-1)	☐	☐	☒	Concentration						
					Mass						
5.20	PCB-1221 (11104-28-2)	☐	☐	☒	Concentration						
					Mass						
5.21	PCB-1232 (11141-16-5)	☐	☐	☒	Concentration						
					Mass						
5.22	PCB-1248 (12672-29-6)	☐	☐	☒	Concentration						
					Mass						
5.23	PCB-1260 (11096-82-5)	☐	☐	☒	Concentration						
					Mass						
5.24	PCB-1016 (12674-11-2)	☐	☐	☒	Concentration						
					Mass						

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v)) ¹											
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long- Term Average Value	Number of Analyses
5.25	Toxaphene (8001-35-2)	☐	☐	☒	Concentration						
					Mass						

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

This page intentionally left blank.

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))¹

Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)		
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
☐ Check here if you believe all pollutants in Table C to be present in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for <i>each</i> pollutant.										
☒ Check here if you believe all pollutants in Table C to be absent in your discharge from the noted outfall. You need <i>not</i> complete the "Presence or Absence" column of Table C for <i>each</i> pollutant.										
1. Bromide (24959-67-9)	☐	☐	Concentration							
			Mass							
2. Chlorine, total residual	☐	☐	Concentration							
			Mass							
3. Color	☐	☐	Concentration							
			Mass							
4. Fecal coliform	☐	☐	Concentration							
			Mass							
5. Fluoride (16984-48-8)	☐	☐	Concentration							
			Mass							
6. Nitrate-nitrite	☐	☐	Concentration							
			Mass							
7. Nitrogen, total organic (as N)	☐	☐	Concentration							
			Mass							
8. Oil and grease	☐	☐	Concentration							
			Mass							
9. Phosphorus (as P), total (7723-14-0)	☐	☐	Concentration							
			Mass							
10. Sulfate (as SO ₄) (14808-79-8)	☐	☐	Concentration							
			Mass							
11. Sulfide (as S)	☐	☐	Concentration							
			Mass							

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))¹

	Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
12.	Sulfite (as SO ₃) (14265-45-3)	☐	☐	Concentration						
				Mass						
13.	Surfactants	☐	☐	Concentration						
				Mass						
14.	Aluminum, total (7429-90-5)	☐	☐	Concentration						
				Mass						
15.	Barium, total (7440-39-3)	☐	☐	Concentration						
				Mass						
16.	Boron, total (7440-42-8)	☐	☐	Concentration						
				Mass						
17.	Cobalt, total (7440-48-4)	☐	☐	Concentration						
				Mass						
18.	Iron, total (7439-89-6)	☐	☐	Concentration						
				Mass						
19.	Magnesium, total (7439-95-4)	☐	☐	Concentration						
				Mass						
20.	Molybdenum, total (7439-98-7)	☐	☐	Concentration						
				Mass						
21.	Manganese, total (7439-96-5)	☐	☐	Concentration						
				Mass						
22.	Tin, total (7440-31-5)	☐	☐	Concentration						
				Mass						
23.	Titanium, total (7440-32-6)	☐	☐	Concentration						
				Mass						

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi)) ¹										
Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)		
	Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses	
24. Radioactivity										
Alpha, total	☐	☐	Concentration							
			Mass							
Beta, total	☐	☐	Concentration							
			Mass							
Radium, total	☐	☐	Concentration							
			Mass							
Radium 226, total	☐	☐	Concentration							
			Mass							

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

This page intentionally left blank.

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))¹

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
1.	Asbestos	☐	☒		
2.	Acetaldehyde	☐	☒		
3.	Allyl alcohol	☐	☒		
4.	Allyl chloride	☐	☒		
5.	Amyl acetate	☐	☒		
6.	Aniline	☐	☒		
7.	Benzonitrile	☐	☒		
8.	Benzyl chloride	☐	☒		
9.	Butyl acetate	☐	☒		
10.	Butylamine	☐	☒		
11.	Captan	☐	☒		
12.	Carbaryl	☐	☒		
13.	Carbofuran	☐	☒		
14.	Carbon disulfide	☐	☒		
15.	Chlorpyrifos	☐	☒		
16.	Coumaphos	☐	☒		
17.	Cresol	☐	☒		
18.	Crotonaldehyde	☐	☒		
19.	Cyclohexane	☐	☒		

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))¹

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
20.	2,4-D (2,4-dichlorophenoxyacetic acid)	☐	☒		
21.	Diazinon	☐	☒		
22.	Dicamba	☐	☒		
23.	Dichlobenil	☐	☒		
24.	Dichlone	☐	☒		
25.	2,2-dichloropropionic acid	☐	☒		
26.	Dichlorvos	☐	☒		
27.	Diethyl amine	☐	☒		
28.	Dimethyl amine	☐	☒		
29.	Dinitrobenzene	☐	☒		
30.	Diquat	☐	☒		
31.	Disulfoton	☐	☒		
32.	Diuron	☐	☒		
33.	Epichlorohydrin	☐	☒		
34.	Ethion	☐	☒		
35.	Ethylene diamine	☐	☒		
36.	Ethylene dibromide	☐	☒		
37.	Formaldehyde	☐	☒		
38.	Furfural	☐	☒		

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))¹

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
39.	Guthion	☐	☒		
40.	Isoprene	☐	☒		
41.	Isopropanolamine	☐	☒		
42.	Kelthane	☐	☒		
43.	Kepone	☐	☒		
44.	Malathion	☐	☒		
45.	Mercaptodimethur	☐	☒		
46.	Methoxychlor	☐	☒		
47.	Methyl mercaptan	☐	☒		
48.	Methyl methacrylate	☐	☒		
49.	Methyl parathion	☐	☒		
50.	Mevinphos	☐	☒		
51.	Mexacarbate	☐	☒		
52.	Monoethyl amine	☐	☒		
53.	Monomethyl amine	☐	☒		
54.	Naled	☐	☒		
55.	Naphthenic acid	☐	☒		
56.	Nitrotoluene	☐	☒		
57.	Parathion	☐	☒		

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))¹

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
58.	Phenolsulfonate	☐	☒		
59.	Phosgene	☐	☒		
60.	Propargite	☐	☒		
61.	Propylene oxide	☐	☒		
62.	Pyrethrins	☐	☒		
63.	Quinoline	☐	☒		
64.	Resorcinol	☐	☒		
65.	Strontium	☐	☒		
66.	Strychnine	☐	☒		
67.	Styrene	☐	☒		
68.	2,4,5-T (2,4,5-trichlorophenoxyacetic acid)	☐	☒		
69.	TDE (tetrachlorodiphenyl ethane)	☐	☒		
70.	2,4,5-TP [2-(2,4,5-trichlorophenoxy) propanoic acid]	☐	☒		
71.	Trichlorofon	☐	☒		
72.	Triethanolamine	☐	☒		
73.	Triethylamine	☐	☒		
74.	Trimethylamine	☐	☒		
75.	Uranium	☐	☒		
76.	Vanadium	☐	☒		

EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

OMB No. 2040-0004
Expires 07/31/2026

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))¹

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
77.	Vinyl acetate	☐	☒		
78.	Xylene	☐	☒		
79.	Xylenol	☐	☒		
80.	Zirconium	☐	☒		

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

This page intentionally left blank.

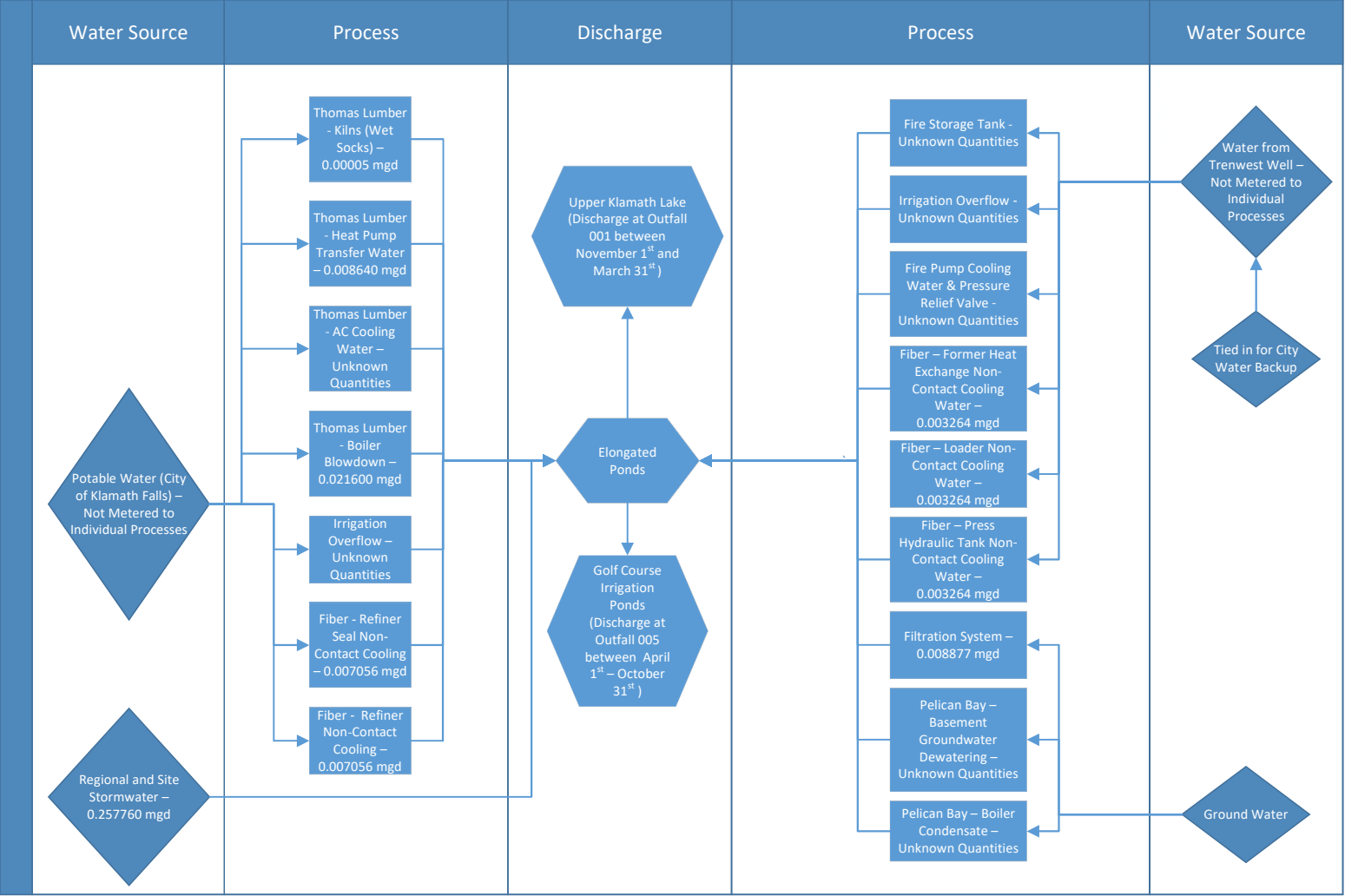
EPA Identification Number OR0031011	NPDES Permit Number	Facility Name JELD-WEN - Klamath Falls	Outfall Number
--	---------------------	---	----------------

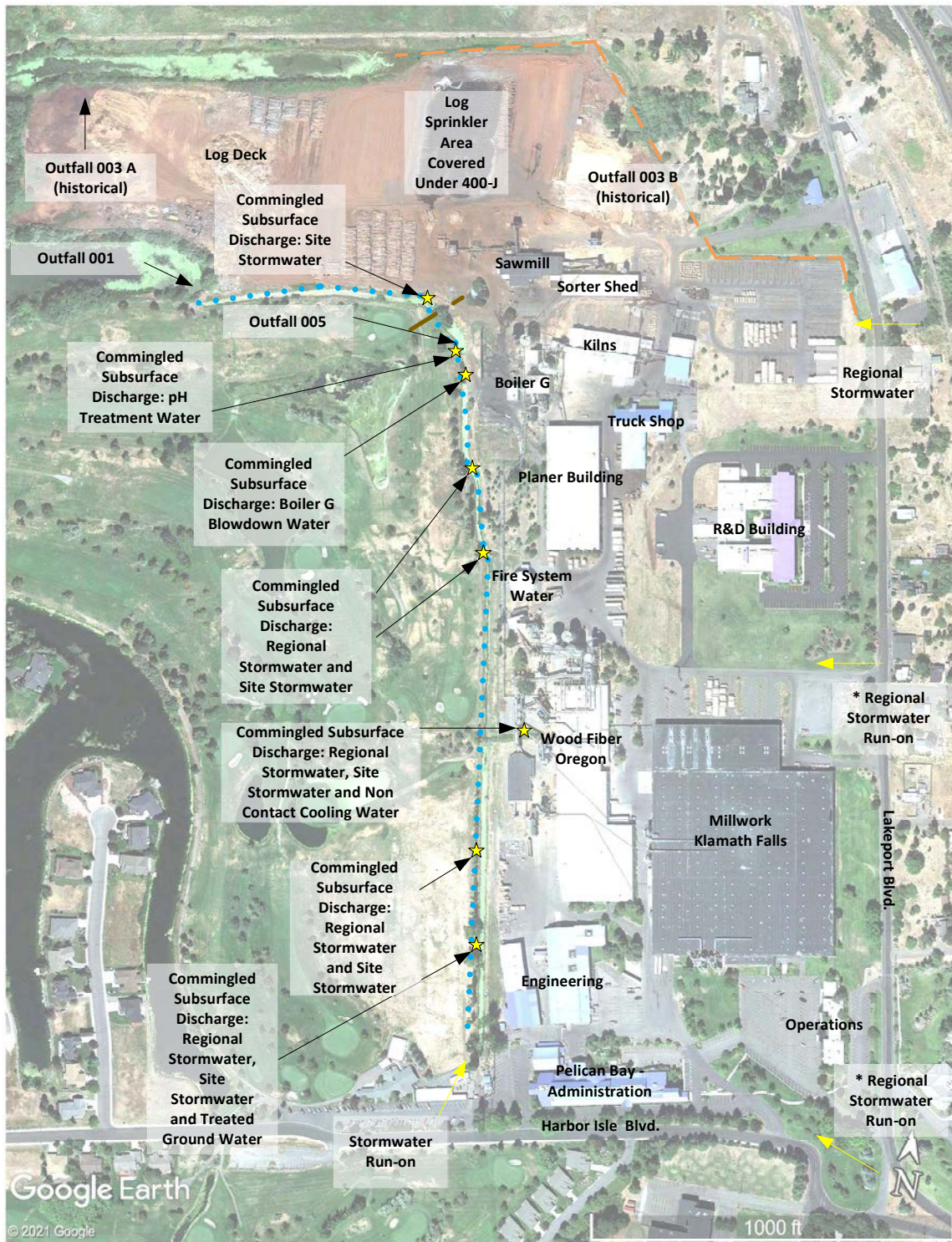
OMB No. 2040-0004
Expires 07/31/2026

TABLE E. 2,3,7,8 TETRACHLORODIBENZO P DIOXIN (2,3,7,8 TCDD) (40 CFR 122.21(g)(7)(viii))

Pollutant	TCDD Congeners Used or Manufactured	Presence or Absence (check one)		Results of Screening Procedure
		Believed Present	Believed Absent	
2,3,7,8-TCDD	☐	☐	☒	

Water Discharge to Elongated Pond (Outfall 001 and Outfall 005)





STORMWATER SITE MAP

JELW-WEN, Inc. – Site Map
Klamath Falls, OR
Date: 10/18/2024

LEGEND

★ Discharge Point

— • Earth Barrier

• • • Elongated Pond

— — — Offsite Drainage Ditch

→ Offsite Run On

*Regional Stormwater Run-on from the surrounding area.



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

May 03, 2023

William Morgan
Jeld -Wen
3250 Lakeport Blvd
Klamath Falls, OR 97601
TEL: (541) 883-3373
FAX

RE: Quarterly Testing 2023

Order No.: 23040838

Dear William Morgan:

Neilson Research Corporation received 1 sample(s) on 4/21/2023 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Tamra Schmedemann
Senior Project Manager
245 S Grape St
Medford, OR 97501



Original



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

Case Narrative

WO#: 23040838
Date: 5/3/2023

CLIENT: Jeld -Wen

Project: Quarterly Testing 2023

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

Original



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

Analytical Report

WO#: 23040838
Date Reported: 5/3/2023

CLIENT: Jeld -Wen
Lab ID: 23040838-01
Client Sample ID Outfall 001
Project: Quarterly Testing 2023
Sample Location: Grab

Collection Date: 4/20/2023 9:30:00 AM
Received Date: 4/21/2023 9:55:00 AM
Matrix: AQUEOUS

Analyses	Method	NELAP Status	Result Qual	DF	MDL	RL	Units	MCL	Date Analyzed	Analyst
----------	--------	--------------	-------------	----	-----	----	-------	-----	---------------	---------

FIELD PARAMETERS

pH	FLD		6.8				S.U.			
Temperature	FLD		56				DEG F			

BOD, 5 DAY BY SM 5210 B-2016

Biochemical Oxygen Demand	A5210B	A	7.00	1	1.29	1.29	mg/L		04/21/23 15:07	CEN
---------------------------	--------	---	------	---	------	------	------	--	----------------	-----

AMMONIA NITROGEN AS N

Nitrogen, Ammonia (As N)	E350.1	A	0.0590	1	0.0170	0.0200	mg/L		04/27/23 13:08	KER
--------------------------	--------	---	--------	---	--------	--------	------	--	----------------	-----

TOTAL ORGANIC CARBON SM 5310 C-2014

Organic Carbon, Total	A5310C	A	12.7	4	0.250	2.00	mg/L		05/01/23 18:23	DJK
-----------------------	--------	---	------	---	-------	------	------	--	----------------	-----

CHEMICAL OXYGEN DEMAND BY SM 5220 D-2011

Chemical Oxygen Demand	A5220D	A	43.3	1	7.81	15.0	mg/L		04/21/23 17:13	KER
------------------------	--------	---	------	---	------	------	------	--	----------------	-----

OIL AND GREASE

Oil & Grease, HEM, Total	E1664	A	ND	1	4.24	4.90	mg/L		04/25/23 12:00	KN
--------------------------	-------	---	----	---	------	------	------	--	----------------	----

TOTAL SUSPENDED SOLIDS SM 2540 D-2015

Total Suspended Solids	A2540D	A	2.60	1	0.400	2.50	mg/L		04/25/23 15:43	JRL
------------------------	--------	---	------	---	-------	------	------	--	----------------	-----

QUALIFIERS

CI	Sample container temperature is out of limit as specified at testcode	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	MI	Recovery outside control limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit

Original

NELAP

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 23040838
03-May-23

Client: Jeld -Wen
Project: Quarterly Testing 2023

TestCode: AMMONIA_LL_W

Sample ID: LCS-R38975	SampType: LCS	TestCode: AMMONIA_L	Units: mg/L	Prep Date: 4/27/2023	RunNo: 38975						
Client ID: LCSW	Batch ID: R38975	TestNo: E350.1		Analysis Date: 4/27/2023	SeqNo: 642993						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Ammonia (As N)	0.250	0.0200	0.2500	0	100	90	110				

Sample ID: MBLK-R38975	SampType: MBLK	TestCode: AMMONIA_L	Units: mg/L	Prep Date: 4/27/2023	RunNo: 38975						
Client ID: PBW	Batch ID: R38975	TestNo: E350.1		Analysis Date: 4/27/2023	SeqNo: 642994						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Ammonia (As N)	ND	0.0200									

Sample ID: 23040801-02AMS	SampType: MS	TestCode: AMMONIA_L	Units: mg/L	Prep Date: 4/27/2023	RunNo: 38975						
Client ID: BatchQC	Batch ID: R38975	TestNo: E350.1		Analysis Date: 4/27/2023	SeqNo: 642996						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Ammonia (As N)	0.998	0.0400	1.000	0	99.8	80	120				

Sample ID: 23040801-02AMSD	SampType: MSD	TestCode: AMMONIA_L	Units: mg/L	Prep Date: 4/27/2023	RunNo: 38975						
Client ID: BatchQC	Batch ID: R38975	TestNo: E350.1		Analysis Date: 4/27/2023	SeqNo: 642997						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Ammonia (As N)	0.998	0.0400	1.000	0	99.8	80	120	0.9980	0	20	

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode
MI Recovery outside control limits due to Matrix Interference
RL Reporting Detection Limit
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeds
PL Permit Limit

Original



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 23040838

03-May-23

Client: Jeld -Wen

Project: Quarterly Testing 2023

TestCode: BOD

Sample ID: MBLK	SampType: MBLK	TestCode: BOD	Units: mg/L	Prep Date: 4/21/2023	RunNo: 38969						
Client ID: PBW	Batch ID: 20821	TestNo: A5210B	A5210B	Analysis Date: 4/21/2023	SeqNo: 642811						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxygen Demand	0.07	1.29									

Sample ID: LCS	SampType: LCS	TestCode: BOD	Units: mg/L	Prep Date: 4/21/2023	RunNo: 38969						
Client ID: LCSW	Batch ID: 20821	TestNo: A5210B	A5210B	Analysis Date: 4/21/2023	SeqNo: 642812						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxygen Demand	213	1.29	198.0	0	107	84.5	115.4				

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode
MI Recovery outside control limits due to Matrix Interference
RL Reporting Detection Limit
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeds
PL Permit Limit

Original



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 23040838

03-May-23

Client: Jeld -Wen

Project: Quarterly Testing 2023

TestCode: COD

Sample ID: LCS-R38836	SampType: LCS	TestCode: COD	Units: mg/L	Prep Date: 4/21/2023	RunNo: 38836						
Client ID: LCSW	Batch ID: R38836	TestNo: A5220D		Analysis Date: 4/21/2023	SeqNo: 640679						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chemical Oxygen Demand	50.6	15.0	50.00	0	101	80	120				

Sample ID: MBLK-R38836	SampType: MBLK	TestCode: COD	Units: mg/L	Prep Date: 4/21/2023	RunNo: 38836						
Client ID: PBW	Batch ID: R38836	TestNo: A5220D		Analysis Date: 4/21/2023	SeqNo: 640680						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chemical Oxygen Demand	ND	15.0									

Sample ID: 23040648-01DMS	SampType: MS	TestCode: COD	Units: mg/L	Prep Date: 4/21/2023	RunNo: 38836						
Client ID: BatchQC	Batch ID: R38836	TestNo: A5220D		Analysis Date: 4/21/2023	SeqNo: 640685						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chemical Oxygen Demand	50.3	15.0	50.00	0	101	80	120				

Sample ID: 23040648-01DMSD		SampType: MSD	TestCode: COD	Units: mg/L	Prep Date: 4/21/2023				RunNo: 38836		
Client ID: BatchQC		Batch ID: R38836	TestNo: A5220D		Analysis Date: 4/21/2023				SeqNo: 640686		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chemical Oxygen Demand	49.5	15.0	50.00	0	98.9	80	120	50.25	1.59	10	

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode
MI Recovery outside control limits due to Matrix Interference
RL Reporting Detection Limit
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeds
PL Permit Limit

Original



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 23040838

03-May-23

Client: Jeld -Wen

Project: Quarterly Testing 2023

TestCode: O&G_W

Sample ID: MB-R38964	SampType: MBLK	TestCode: O&G_W	Units: mg/L	Prep Date: 4/25/2023	RunNo: 38964						
Client ID: PBW	Batch ID: R38964	TestNo: E1664		Analysis Date: 4/25/2023	SeqNo: 642603						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, HEM, Total	ND	5.00									
Oil & Grease, SGT-HEM, Non Polar	ND	2.50									

Sample ID: LCS-R38964	SampType: LCS	TestCode: O&G_W	Units: mg/L	Prep Date: 4/25/2023	RunNo: 38964						
Client ID: LCSW	Batch ID: R38964	TestNo: E1664		Analysis Date: 4/25/2023	SeqNo: 642604						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, HEM, Total	43.1	5.00	40.00	0	108	78	114				
Oil & Grease, SGT-HEM, Non Polar	14.8	2.50	20.00	0	74.0	64	132				

Sample ID: 23040649-01AMS	SampType: MS	TestCode: O&G_W	Units: mg/L	Prep Date: 4/25/2023	RunNo: 38964						
Client ID: BatchQC	Batch ID: R38964	TestNo: E1664		Analysis Date: 4/25/2023	SeqNo: 642606						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, HEM, Total	49.1	5.15	40.00	36.42	31.6	78	114				MI
Oil & Grease, SGT-HEM, Non Polar	2.99	2.58	20.00	0	14.9	64	132				MI

Sample ID: 23040751-01CDUP	SampType: DUP	TestCode: O&G_W	Units: mg/L	Prep Date: 4/25/2023	RunNo: 38964						
Client ID: BatchQC	Batch ID: R38964	TestNo: E1664		Analysis Date: 4/25/2023	SeqNo: 642608						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, HEM, Total	ND	5.26						0	0	18	

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode
MI Recovery outside control limits due to Matrix Interference
RL Reporting Detection Limit
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeds
PL Permit Limit

Original



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 23040838

03-May-23

Client: Jeld -Wen

Project: Quarterly Testing 2023

TestCode: O&G_W

Sample ID: 23040751-01CDUP		SampType: DUP	TestCode: O&G_W		Units: mg/L	Prep Date: 4/25/2023			RunNo: 38964		
Client ID: BatchQC		Batch ID: R38964	TestNo: E1664			Analysis Date: 4/25/2023			SeqNo: 642608		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:	C1	Sample container temperature is out of limit as specified at testcode	E	Value above quantitation range	H	Holding times for preparation or analysis exceeds
	MI	Recovery outside control limits due to Matrix Interference	ND	Not Detected at the Reporting Limit	PL	Permit Limit
	RL	Reporting Detection Limit				

Original



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 23040838

03-May-23

Client: Jeld -Wen

Project: Quarterly Testing 2023

TestCode: SOLIDS_TSS_W

Sample ID: MB-20855	SampType: MBLK	TestCode: SOLIDS_TSS	Units: mg/L	Prep Date: 4/25/2023	RunNo: 38946
Client ID: PBW	Batch ID: 20855	TestNo: A2540D		Analysis Date: 4/25/2023	SeqNo: 642387
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Suspended Solids	ND	2.50			

Sample ID: LCS-20855	SampType: LCS	TestCode: SOLIDS_TSS	Units: mg/L	Prep Date: 4/25/2023	RunNo: 38946
Client ID: LCSW	Batch ID: 20855	TestNo: A2540D		Analysis Date: 4/25/2023	SeqNo: 642388
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Suspended Solids	860	250	1000	0	86.0 80 120

Sample ID: 23040795-01BDUP	SampType: DUP	TestCode: SOLIDS_TSS	Units: mg/L	Prep Date: 4/25/2023	RunNo: 38946
Client ID: BatchQC	Batch ID: 20855	TestNo: A2540D		Analysis Date: 4/25/2023	SeqNo: 642409
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Suspended Solids	105	25.0			108.0 2.82 10

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode
MI Recovery outside control limits due to Matrix Interference
RL Reporting Detection Limit
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeds
PL Permit Limit

Original



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 23040838

03-May-23

Client: Jeld -Wen

Project: Quarterly Testing 2023

TestCode: TOC_5310C

Sample ID: MB	SampType: MBLK	TestCode: TOC_5310C	Units: mg/L	Prep Date: 5/1/2023	RunNo: 39060						
Client ID: PBW	Batch ID: R39060	TestNo: A5310C		Analysis Date: 5/1/2023	SeqNo: 644165						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	ND	0.500									

Sample ID: LCS 3.75 - 12068	SampType: LCS	TestCode: TOC_5310C	Units: mg/L	Prep Date: 5/1/2023	RunNo: 39060						
Client ID: LCSW	Batch ID: R39060	TestNo: A5310C		Analysis Date: 5/1/2023	SeqNo: 644167						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	3.82	0.500	3.750	0	102	90	110				

Sample ID: 23040838-01EDUP	SampType: DUP	TestCode: TOC_5310C	Units: mg/L	Prep Date: 5/1/2023	RunNo: 39060						
Client ID: Outfall 001	Batch ID: R39060	TestNo: A5310C		Analysis Date: 5/1/2023	SeqNo: 644170						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	12.6	2.00						12.68	0.827	15	

Sample ID: 23040838-01EMS	SampType: MS	TestCode: TOC_5310C	Units: mg/L	Prep Date: 5/1/2023	RunNo: 39060						
Client ID: Outfall 001	Batch ID: R39060	TestNo: A5310C		Analysis Date: 5/1/2023	SeqNo: 644171						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	22.2	2.00	10.00	12.68	94.9	85	115				

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode
MI Recovery outside control limits due to Matrix Interference
RL Reporting Detection Limit
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeds
PL Permit Limit

Original

Sample Log-In Check List

Client Name: **JeldWen_KF**

Work Order Number: **23040838**

RcptNo: **1**

Logged by: **Jordan Diemer** **4/21/2023 9:55:00 AM**



Completed By: **Jordan Diemer** **4/24/2023 9:17:24 AM**



Reviewed By: **Tamra Schmedemann** **5/3/2023 11:07:11 AM**



Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? UPS

Log In

3. Coolers are present? Yes ☒ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☒ No ☐
Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒
No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
6. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: Date
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good				DM

Page 1 of 1

This Chain of Custody is a LEGAL DOCUMENT and must be filled out accurately.

Section D
Rush Status (Subject to Scheduling)

Standard 10-14 Days	
5 Business Days (50% surcharge)	
3 Business Days (75% surcharge)	
24 - 48 hours (100% surcharge)	
Other _____	
Authorized _____	Yes _____ No _____

Analysis Requested

[illegible]

*Matrix: DW - Drinking Water WW - Wastewater W - Water S - Soil/Solid SL - Sludge O - Oil WP - Wipe OT - Other

Section G
Lab Use Only IR M

Temp: 1.8
4°C +/- 2°C: ☒ Yes ☐ No
Received on Ice: ☒ Yes ☐ No
Number of Bottles Received: 8
pH Checked: N/A
COC Seals Intact: ☒ Yes ☐ No ☐ NA
Field Blank Included: ☐ Yes ☒ No

Page 12 of 13

Received Via UPS FedEX Other Hand

Payment: Invoice Cash VISA, M/C Check # Amount

Data Flags

WO#: 23040838

Date: 5/3/2023

-
- A Total Alkalinity and Bicarbonate Alkalinity results are to a pH endpoint of 4.5. Carbonate Alkalinity result is to a pH endpoint of 8.3.
- B Analyte detected in the associated method blank.
- C Sample(s) does not meet NELAP/ORELAP sample acceptance criteria. See Case Narrative.
- C1 Sample(s) does not meet NELAP/ORELAP sample acceptance criteria for temperature.
- CF Results confirmed by re-analysis.
- CU Cleanup performed as specified by method.
- E Estimated value.
- ER Elevated reporting limit due to matrix. Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.
- FC Fecal Coliforms: Sample(s) received past 40 CFR Part 136 specified holding time. Results reported as estimated values.
- HP Sample re-analysis performed outside of method specified holding time.
- HR Sample received outside of method specified holding time.
- HS Sample analyzed for volatile organics contained headspace.
- HT At the client's request, the sample was analyzed outside of method specified holding time.
- H Analysis performed outside of method specified holding time.
- J Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value and the user should be aware that this data is of limited reliability.
- L Dissolved metals were not filtered within 15 minutes of collection per 40 CFR Part 136.
- MI Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.
- N See Case Narrative on page 2 of report.
- Q Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS) exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.
- R Relative percent difference (RPD) is outside of the accepted recovery limits.
- R3 The relative percent difference (RPD) and/or percent recovery for the duplicate (DUP) or matrix spike (MS)/matrix spike duplicate (MSD) cannot be accurately calculated due to the concentration of analyte already present in the sample.
- R4 The Relative percent difference (RPD) is not within control limits because the concentration of the sample result is too low to represent proper statistical error.
- S Surrogate and/or matrix spike recovery is outside of the accepted recovery limits. Sample results may be biased.
- S1 Surrogate or matrix spike recovery is outside of control limits due to dilution necessary for analysis.
- SC Sub-contracted to another laboratory for analysis.
- SP Sample(s) were not collected per EPA Method 5035A protocols. The results are considered minimum values.
- * Value exceeds Maximum Contaminant Level or is outside the acceptable range.



Oregon

Tina Kotek, Governor

Department of Environmental Quality
Eastern Region Pendleton Office
800 SE Emigrant Ave., Ste. 330
Pendleton, OR 97801
541-276-4063

October 30, 2024

William Morgan
JELD-WEN, Inc.
4013 Lakeport Blvd.
Klamath Falls, OR 97601
rnyseth@jeldwen.com
wmorgan@jeldwen.com

Re: NPDES permit application renewal is complete
File #: 43230
Permit #: 101540
Facility: Jeld-Wen Klamath Falls, 4013 Lakeport Blvd., Klamath Falls
Klamath County

William,

DEQ received your application on 10-30-2024 for National Pollutant Discharge Elimination System Permit #101540. DEQ has determined your application is complete and assigned it application #948006.

Pursuant to Oregon Administrative Rule 340-045-0040(2), your current permit will remain in effect after its 4-30-2025 date until DEQ acts on your renewal application.

DEQ has not assigned a permit writer to your application at this time. DEQ will notify you when such an assignment has been made and may contact you if additional information is required. Please include the above-referenced file number in any correspondence with DEQ.

If you have any questions about this letter, please contact me at 541-613-1125 or patty.isaak@deq.oregon.gov Please contact Stuart Blois at 541-714-0035 or stuart.blois@deq.oregon.gov if you have any technical questions about your permit.

Thank you,

Patty Isaak
Water Quality Permit Coordinator
Eastern Region, Pendleton Office

Ec: E file, ORMS



April 26, 2024

Martha Cruse
ORDEQ
803 Main Street
Klamath Falls, OR 97601

RE: JELD-WEN Stormwater Permit coverage

Dear Ms. Cruse,

Per the agreements established in virtual meeting on March 12th, 2024, JELD-WEN is providing the following items (utility and drainage maps, permit coverage justification) to address the appropriate stormwater permit coverage for the campus located in Klamath Falls, OR ("Site").

Permit coverage structure

The JELD-WEN campus in Klamath Falls, OR has been covered by an individual permit since February 27, 2004 with subsequent reissuances on February 28, 2020 following the renewal application submission on June 18, 2008. In addition to the individual permit, the Site also received 400 J coverage for the log deck in 2004 and 2006 following modifications.

The current individual permit (101540) includes coverage for the non-contact cooling water and boiler blowdown to outfall 001, and water reuse discharging to outfall 005 for application to the neighboring golf course. Additional outfalls existing onsite but not included in the current individual permit include outfalls 003, 003A, 003B and 004. Outfall 004 is currently covered under the 400 J permit which was approved in 2006. Outfalls 003, 003A and 003B are strictly limited to discharges stemming from stormwater events driven by precipitation and have not discharged historically due to infiltration.

General Permit 1200-Z Coverage Challenges

A 1200-Z permit proposal at the Site imposes specific challenges that are not warranted. Per the current permit fact sheet associated with the February 2020 permit approval, the discharges are clearly delineated by outfall and associated characteristics. Outfall 001 predominantly consists of non-contact cooling water and boiler blowdown which is controlled through the elongated ponds. The elongated ponds serve as water quality treatment ponds, which is recognized by ORDEQ. Specific references can be found in section 4.0 of the current permit (101450) fact sheet supporting the controls the structures provide.

The elongated ponds promote the ability to treat pH and total suspended solids (TSS) which are shared parameters between the existing permit and the 1200-Z permit. Utilization of the elongated ponds as a treatment technique follow the principles identified for effective TSS treatment per the current Industrial Stormwater Best Management Practices Manual by ORDEQ.



Additionally, stormwater flowing to outfall 001 is seasonal and coincides with referenced boiler discharges. Separation of stormwater from the elongated ponds is not feasible as the discharges are subsurface preventing the ability to collect samples. The attached figures detail the drainage feature of the Site. Furthermore, the elongated ponds would not be an appropriate discharge point as they are not considered to be waters of the state. All monitoring and sampling should continue at the designated discharge point at outfall 001.

The site conditions and drainage characteristics prove the challenges of a 1200-Z implementation for outfall 001 and associated conveyances. A more efficient solution would include a proposal to better manage the stormwater discharges with respect to permitting considerations.

Proposal

In an effort to reach the best solution for both ORDEQ and JELD-WEN we propose the following actions.

Elimination of stormwater outfalls 003, 003A and 003B: Outfall 003B have not historically discharged due to the physical properties in the immediate area. The area is comprised largely of wood chips and sawdust which attribute to the infiltration characteristics preventing any discharges. As a control measure a berm will be constructed around the perimeter of the area including backfilling an existing conveyance that is not utilized due to absence of runoff. Outfall 003A is no longer utilized and historically shared similar physical infiltration features as outfall 003B. Due to this outfall no longer receiving drainage, nor discharging the outfall will be removed. Outfall 003 does not receive any discharges associated with activities on the JELD-WEN property. All drainage routed to outfall 003 is limited to regional stormwater resulting from neighboring property(ies) run-on.

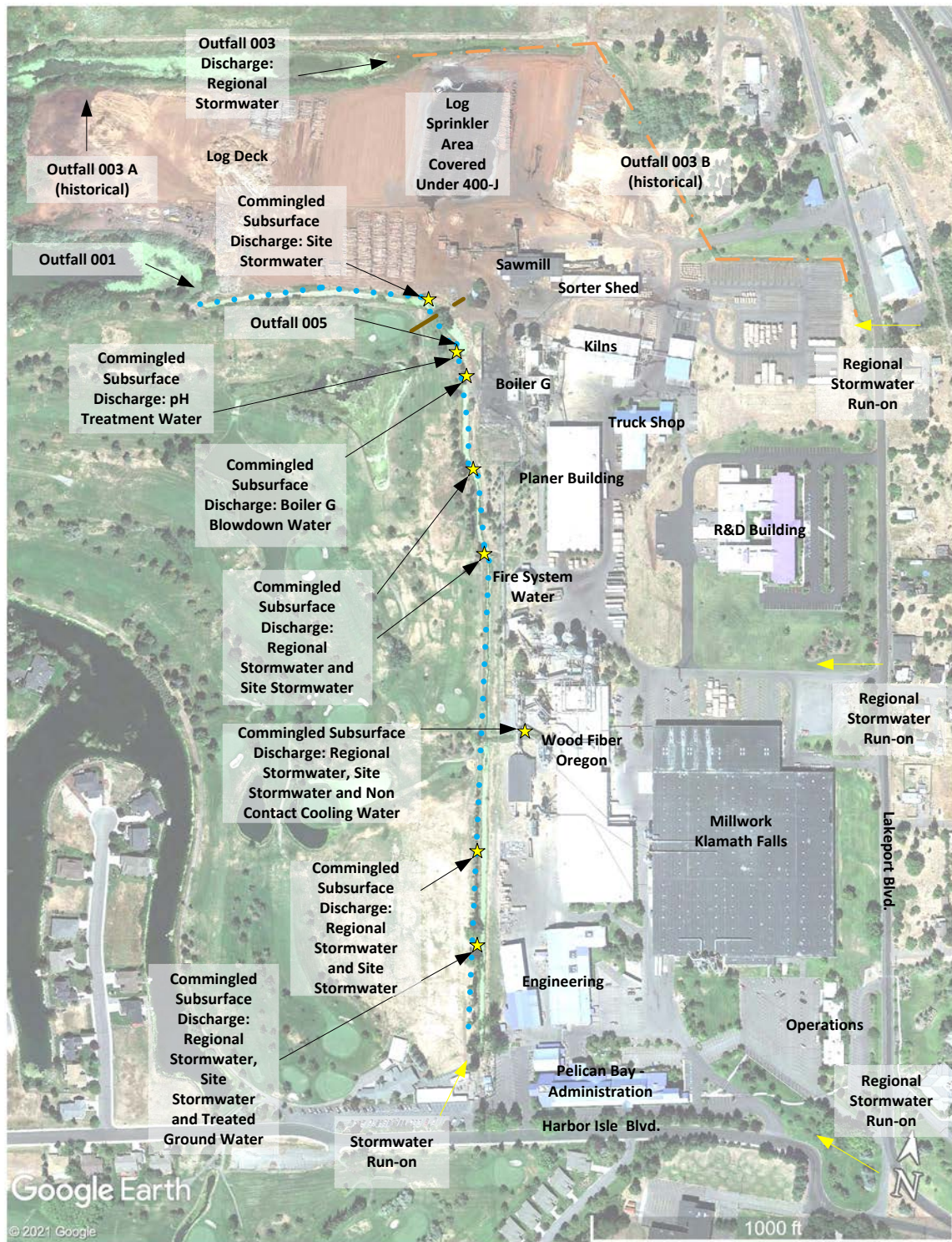
Permit modification (101540): The current individual permit will be modified to include applicable stormwater parameters for outfall 001. This will provide the ability to effectively manage the stormwater obligations efficiently under an existing permit. Additionally, this would coincide with ORDEQ's NPDES permitting regulation(s) (340-045-0033)(9) "(9) Any person not wishing to be covered by a general permit may apply for an individual permit under OAR 340-045-0030 or 340-071-0162, whichever is applicable." Following the modification all stormwater monitoring and reporting will be associated with outfall 001.

Should ORDEQ accept the proposal, JELD-WEN is prepared to submit a modification application with 45 days of acceptance.

Should you have any questions regarding the rationale feel free to contact myself or Diane Keith.

Thank you,

William Morgan



STORMWATER SITE MAP

JELW-WEN, Inc. – Site Map
Klamath Falls, OR
Date: 4/23/2024

LEGEND

— Storm Drainage
System

★ Discharge
Point

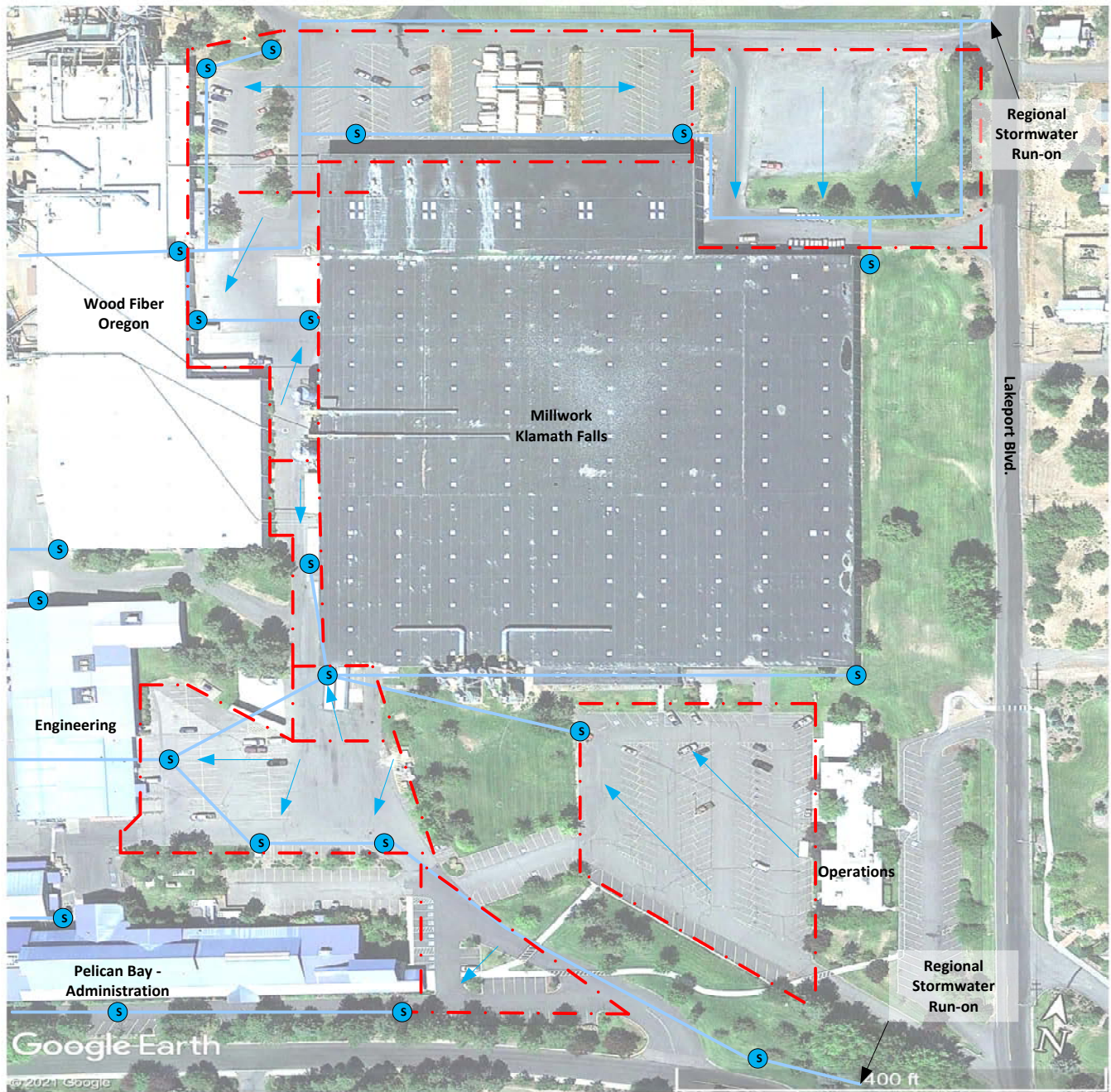
— • — Earth Barrier

— • — Offsite Drainage
Ditch

→ Offsite Run On

• • • • Elongated Pond

*Regional Stormwater Run-on from the surrounding area.



STORMWATER SITE MAP

JELW-WEN, Inc. – Millwork Klamath Falls
Oregon
Klamath Falls, OR
Date: 4/23/2024

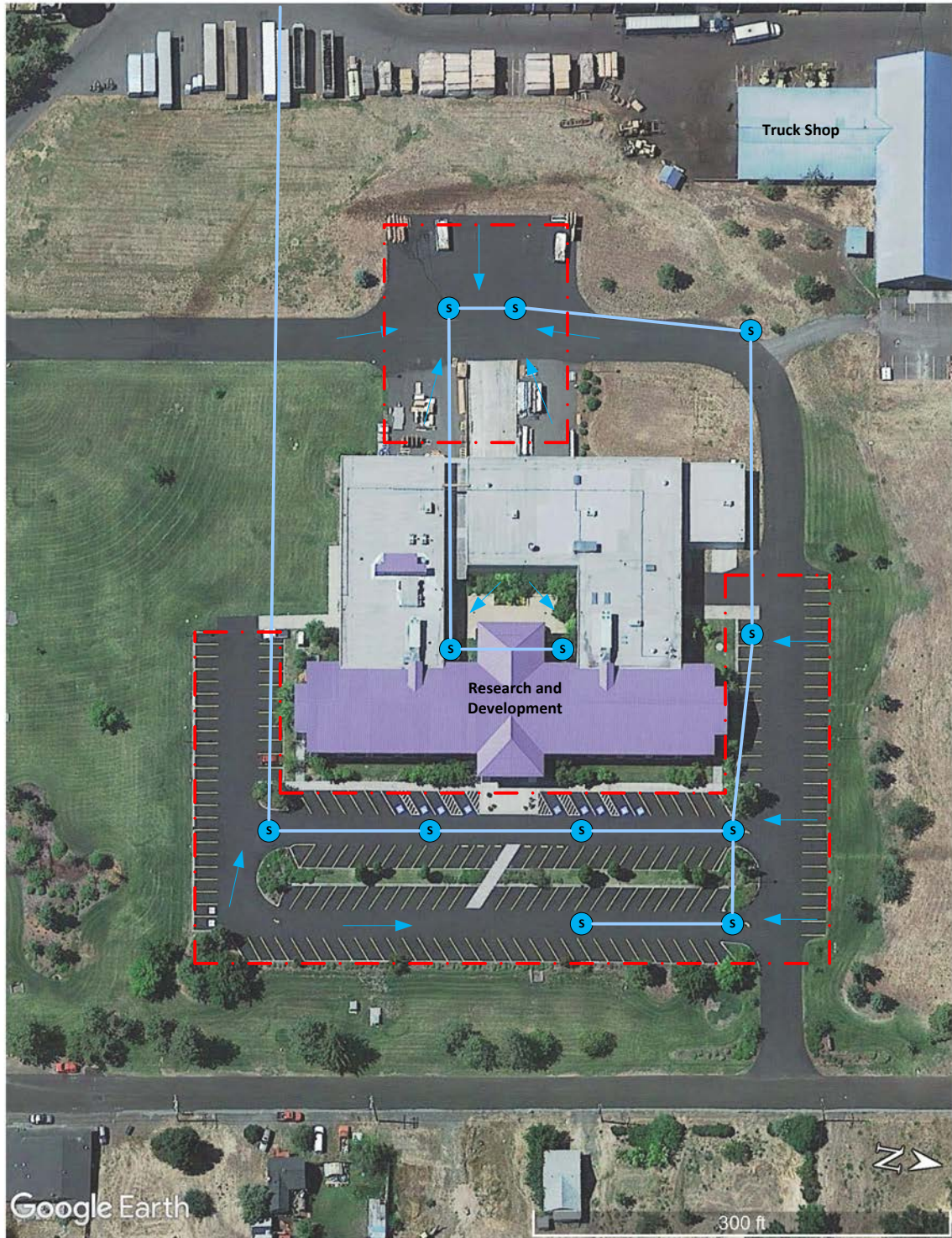
LEGEND

— Storm Drainage System

Ⓢ Site Storm Drain

--- Drainage Boundary

→ Flow Directional Arrow



STORMWATER SITE MAP

JELW-WEN, Inc. – Research and
Development
Klamath Falls, OR
Date: 4/23/2024

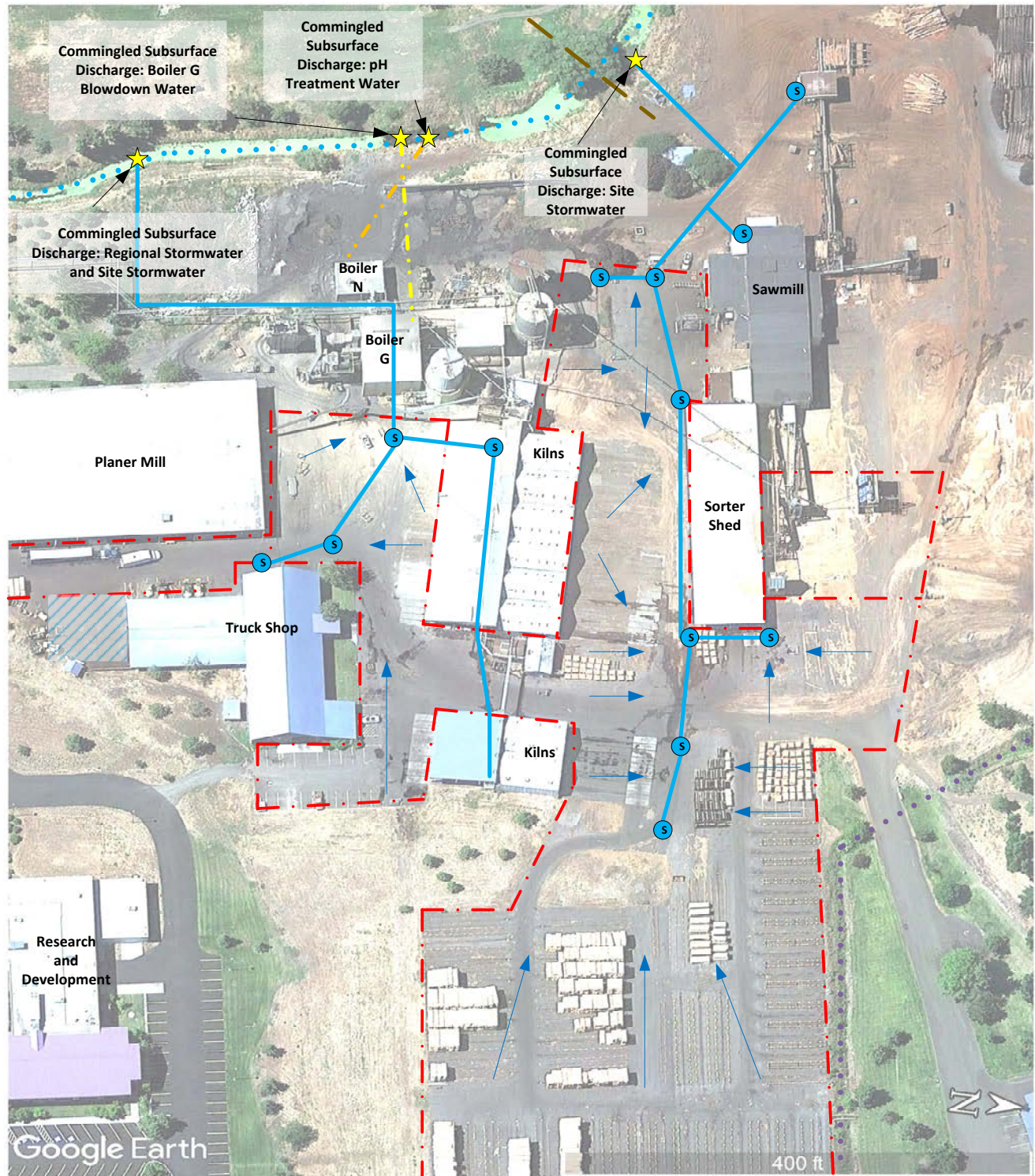
LEGEND

— Storm Drainage
System

Ⓢ Site Storm
Drain

--- Drainage
Boundary

→ Flow Directional Arrow

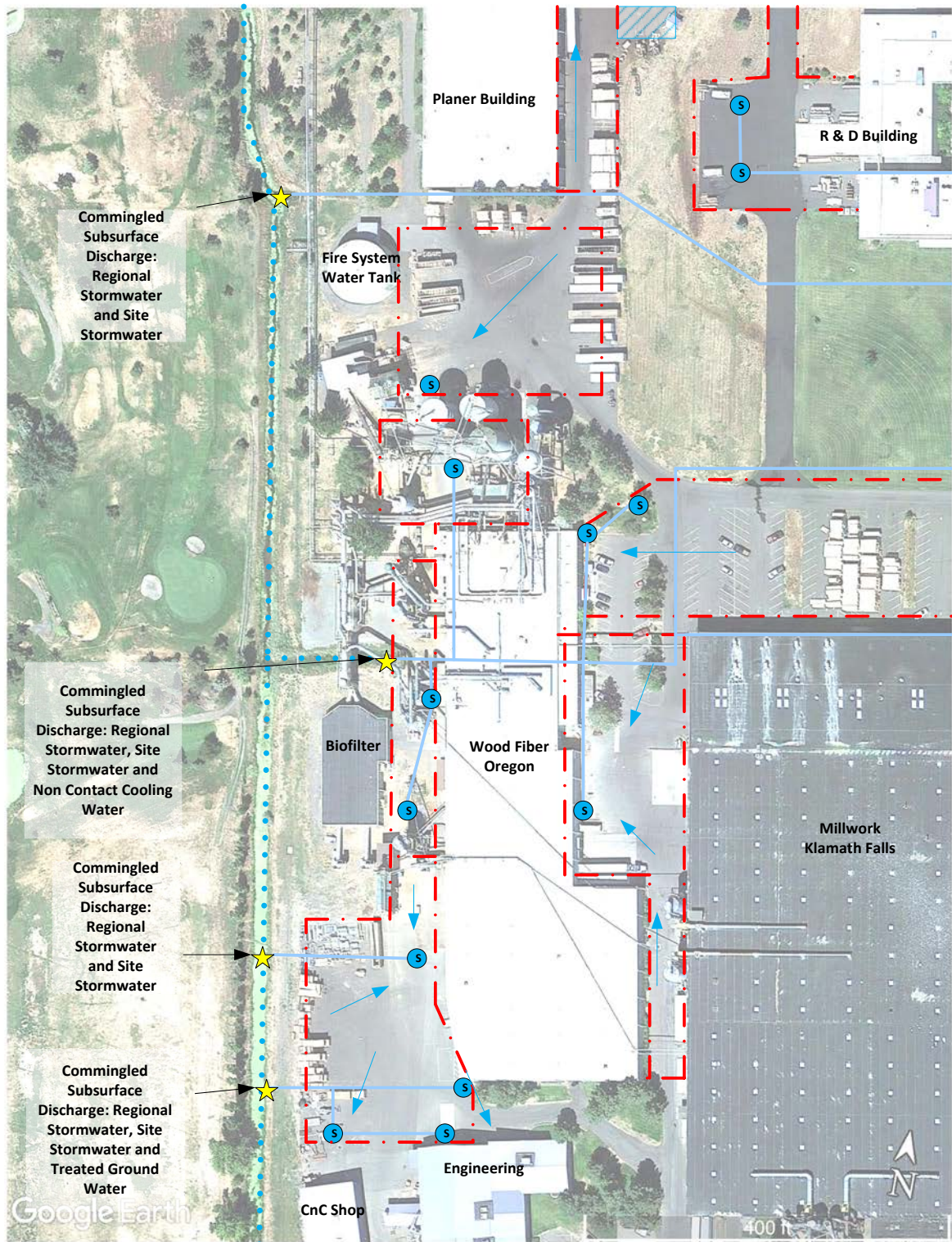


SITE MAP

JELW-WEN, Inc. – Thomas Lumber
Klamath Falls, OR
Date: 4/23/2024

LEGEND

—	Storm Drainage System	...	Boiler G Blowdown
S	Site Storm Drain	...	pH Adjustment Water
★	Discharge Point	---	Earth Barrier
/ /	Wash Rack Drains to Sewer	...	Regional Flow Through Ditch
---	Drainage Boundary	→	Flow Direction



STORMWATER SITE MAP

JELW-WEN, Inc. – Wood Fiber Oregon
Klamath Falls, OR
Date: 4/23/2024

LEGEND

— Storm Drainage System

Ⓢ Site Storm Drain

★ Discharge Point

--- Drainage Boundary

→ Flow Directional Arrow

... Elongated Pond