



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

DEQ USE ONLY

Application #: 948088
 Annual Fee Paid: _____
 IND DOM OSS UIC: _____
 DOC Conf.: _____

A. REFERENCE INFORMATION

1. Legal Name: Port of Tillamook Bay	2. Common Name: Port of Tillamook Bay
3. Permit #: 101118 DEQ File#: 70615 Permit Expiration Date: December 31, 2024	
4. Facility Physical Address: 4000 Blimp Blvd. Suite 100 City, State, Zip Code: Tillamook, Oregon, 97141 County: Tillamook	
5. Responsible Official: Michele R. Bradley Title: General Manager Mailing Address, City, State, Zip Code: 4000 Blimp Blvd. Suite 100 Email Address: mbradley@potb.org Telephone #: 503-354-8043	
6. Facility Contact: Micheal Christie Title: Utilities Supervisor Mailing Address, City, State, Zip Code: 4000 Blimp Blvd. Suite 100 Email Address: mchristie@potb.org Telephone #: 503-354-8056	
7. Invoice to: Pami Boomer Title: Office Supervisor Mailing Address, City, State, Zip Code: 4000 Blimp Blvd. Suite 100 Email Address: pboomer@potb.org Telephone #: 503-354-8046	

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.

Michele R. Bradley

General Manager

Name of Legally Authorized Representative (Type or Print)

Title

Michele Bradley
 Signature of Legally Authorized Representative

06/17/2024
 Date




Section B. Required Information

1. The Port of Tillamook Bay's wastewater treatment system serves the Port's Industrial Park tenants, Tillamook County Jail and State of Oregon Youth Correctional Facility. The type of wastewater received at the Port is mostly domestic in type as the industries here do mostly do not produce a liquid waste stream. The Port receives some cooled boiler water and a small amount of vehicle wash water. The Port also operates a septage receiving facility which only accepts waste from domestic sources with the treatment facility only receiving the liquid decant from the facility. The Port of Tillamook Bay's primary method of wastewater treatment consists of a two-cell facultative lagoon which is fed from the centralized collection and onsite Step Tanks with effluent filters/pumps at each facility. Disposal of effluent is achieved by the addition of sodium hypochlorite (chlorine) with discharge to the Trask River as the receiving stream during the months of November through April only. The Port also has in its current permit the ability to land apply effluent during the summer months of May through October, but we have never had to utilize this option. Currently the Port is able to hold all wastewater from the end of April until November when discharge to the river is approved. Our current wastewater permit list says that we must submit an approved recycled water plan before we can utilize this option if needed.
2. There have not been any alterations to the Port's wastewater treatment or disposal since our last application was submitted.
3. There have not been any significant changes in the quality or quantity of wastewater since the last application was submitted.
4. There have not been any significant changes in the management of biosolids, recycled water, or industrial solids since the last application was submitted. The Port did submit a biosolids management plan for the facility since the last application was submitted. This was completed in preparation for the upcoming lagoon cleanout project.
5. The Port of Tillamook Bay is hoping to complete several upgrades to the lagoon treatment system at the Port. These upgrades include lagoon solids removal, installation of aeration with attached growth unit for ammonia reduction, dechlorination, abandonment of old pump station that services jail facility with adding facility to STEP collection system and lining of lagoons if they do not pass leakage rate testing to be

completed after solids removal. The Port of Tillamook Bay has also applied for additional funding from the Federal Legislature's Congressionally Directed Spending for the replacement of the facilities outfall pipeline and installation of an in-stream diffuser to replace the current wood pipe with bank side discharge. If funding is approved for the project, completion could potentially occur during this next permit cycle. There are no changes planned which should change the quantity of wastewater the Port receives.

6. The Port is currently waiting for NOAA/NMFS approval for projects before we can go out to bid for the wastewater improvement projects. This is taking much longer than anticipated due to NOAA not having any limit on the amount of time to return responses. Funding for the projects with the exception of the outfall is to come from the Oregon DEQ Clean Water Revolving Loan Fund. The Port of Tillamook Bay had to file for an extension on our current compliance schedule as the process for attaining the loan and getting all the necessary approvals is taking much longer than anticipated. The current compliance date for Port to complete construction and startup and achieve compliance with final effluent limitations for chlorine and ammonia is 01/31/2026. If approval happens from NOAA/NMFS at any time in the near future, (supposed to be by the end of this month but this keeps changing) the Port is ready to and intends to move forward with the bidding and scheduling of the project to meet the new limits. The timing of the project will be the largest hurdle as application of dredged solids can only be done during approved months during the summer.

EPA Identification Number OR0022918		NPDES Permit Number 101118		Facility Name Port of Tillamook Bay		Form Approved 03/05/19 OMB No. 2040-0004	
Form 2A NPDES				U.S. Environmental Protection Agency Application for NPDES Permit to Discharge Wastewater NEW AND EXISTING PUBLICLY OWNED TREATMENT WORKS			
SECTION 1. BASIC APPLICATION INFORMATION FOR ALL APPLICANTS (40 CFR 122.21(j)(1) and (9))							
Facility Information	1.1	Facility name Port of Tillamook Bay					
		Mailing address (street or P.O. box) 4000 Blimp Blvd. Suite 100					
		City or town Tillamook			State Oregon		ZIP code 97141
		Contact name (first and last) Michael Christie		Title Utilities Supervisor	Phone number (503) 842-2413		Email address mchristie@potb.org
		Location address (street, route number, or other specific identifier) <input type="checkbox"/> Same as mailing address 4000 Blimp Blvd. Suite 100					
		City or town Tillamook			State Oregon		ZIP code 97141
	1.2	Is this application for a facility that has yet to commence discharge? <input type="checkbox"/> Yes → See instructions on data submission requirements for new dischargers. <input checked="" type="checkbox"/> No					
Applicant Information	1.3	Is applicant different from entity listed under Item 1.1 above? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Item 1.4.					
		Applicant name Michele R. Bradley					
		Applicant address (street or P.O. box) 4000 Blimp Blvd. Suite 100					
		City or town Tillamook			State Oregon		ZIP code 97141
		Contact name (first and last) Michele R. Bradley		Title General Manager	Phone number (503) 842-2413		Email address mbradley@potb.org
	1.4	Is the applicant the facility's owner, operator, or both? (Check only one response.) <input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Both					
	1.5	To which entity should the NPDES permitting authority send correspondence? (Check only one response.) <input checked="" type="checkbox"/> Facility <input type="checkbox"/> Applicant <input type="checkbox"/> Facility and applicant (they are one and the same)					
Existing Environmental Permits	1.6	Indicate below any existing environmental permits. (Check all that apply and print or type the corresponding permit number for each.)					
		Existing Environmental Permits					
		<input checked="" type="checkbox"/> NPDES (discharges to surface water) 101118		<input type="checkbox"/> RCRA (hazardous waste)		<input type="checkbox"/> UIC (underground injection control)	
		<input type="checkbox"/> PSD (air emissions)		<input type="checkbox"/> Nonattainment program (CAA)		<input type="checkbox"/> NESHAPs (CAA)	
	<input type="checkbox"/> Ocean dumping (MPRSA)		<input type="checkbox"/> Dredge or fill (CWA Section 404)		<input checked="" type="checkbox"/> Other (specify) WPCF #102702		

EPA Identification Number
OR0022918

NPDES Permit Number
101118

Facility Name
Port of Tillamook Bay

Form Approved 03/05/19
OMB No. 2040-0004

Collection System and Population Served	1.7	Provide the collection system information requested below for the treatment works.			
		Municipality Served	Population Served	Collection System Type (indicate percentage)	Ownership Status
		Port of Tillamook Bay	250	<u>100</u> % separate sanitary sewer <input type="checkbox"/> % combined storm and sanitary sewer <input type="checkbox"/> Unknown	<input checked="" type="checkbox"/> Own <input type="checkbox"/> Maintain <input type="checkbox"/> Own <input type="checkbox"/> Maintain <input type="checkbox"/> Own <input type="checkbox"/> Maintain
				<u> </u> % separate sanitary sewer <u> </u> % combined storm and sanitary sewer <input type="checkbox"/> Unknown	<input type="checkbox"/> Own <input type="checkbox"/> Maintain <input type="checkbox"/> Own <input type="checkbox"/> Maintain <input type="checkbox"/> Own <input type="checkbox"/> Maintain
				<u> </u> % separate sanitary sewer <u> </u> % combined storm and sanitary sewer <input type="checkbox"/> Unknown	<input type="checkbox"/> Own <input type="checkbox"/> Maintain <input type="checkbox"/> Own <input type="checkbox"/> Maintain <input type="checkbox"/> Own <input type="checkbox"/> Maintain
				<u> </u> % separate sanitary sewer <u> </u> % combined storm and sanitary sewer <input type="checkbox"/> Unknown	<input type="checkbox"/> Own <input type="checkbox"/> Maintain <input type="checkbox"/> Own <input type="checkbox"/> Maintain <input type="checkbox"/> Own <input type="checkbox"/> Maintain
		Total Population Served	250		
		Total percentage of each type of sewer line (in miles)		Separate Sanitary Sewer System	Combined Storm and Sanitary Sewer
			100 %	0 %	
Indian Country	1.8	Is the treatment works located in Indian Country? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	1.9	Does the facility discharge to a receiving water that flows through Indian Country? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Design and Actual Flow Rates	1.10	Provide design <i>and</i> actual flow rates in the designated spaces.			Design Flow Rate
					0.560 mgd
		Annual Average Flow Rates (Actual)			
		Two Years Ago	Last Year	This Year	
		0.015 mgd	0.012 mgd	0.013 mgd	
		Maximum Daily Flow Rates (Actual)			
Two Years Ago	Last Year	This Year			
0.092 mgd	0.074 mgd	0.158 mgd			
Discharge Points by Type	1.11	Provide the total number of effluent discharge points to waters of the United States by type.			
		Total Number of Effluent Discharge Points by Type			
		Treated Effluent	Untreated Effluent	Combined Sewer Overflows	Bypasses
	1	0	0	0	0

EPA Identification Number
OR0022918

NPDES Permit Number
101118

Facility Name
Port of Tillamook Bay

Form Approved 03/05/19
OMB No. 2040-0004

Outfalls Other Than to Waters of the United States

1.12 Does the POTW discharge wastewater to basins, ponds, or other surface impoundments that do not have outlets for discharge to waters of the United States?
 Yes No → SKIP to Item 1.14.

1.13 Provide the location of each surface impoundment and associated discharge information in the table below.

Surface Impoundment Location and Discharge Data

Location	Average Daily Volume Discharged to Surface Impoundment	Continuous or Intermittent (check one)
	gpd	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
	gpd	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
	gpd	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

1.14 Is wastewater applied to land?
 Yes No → SKIP to Item 1.16.

1.15 Provide the land application site and discharge data requested below.

Land Application Site and Discharge Data

Location	Size	Average Daily Volume Applied	Continuous or Intermittent (check one)
	acres	gpd	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
	acres	gpd	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
	acres	gpd	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

1.16 Is effluent transported to another facility for treatment prior to discharge?
 Yes No → SKIP to Item 1.21.

1.17 Describe the means by which the effluent is transported (e.g., tank truck, pipe).

1.18 Is the effluent transported by a party other than the applicant?
 Yes No → SKIP to Item 1.20.

1.19 Provide information on the transporter below.

Transporter Data

Entity name		Mailing address (street or P.O. box)	
City or town		State	ZIP code
Contact name (first and last)		Title	
Phone number		Email address	

Outfalls and Other Discharge or Disposal Methods

EPA Identification Number
OR0022918

NPDES Permit Number
101118

Facility Name
Port of Tillamook Bay

Form Approved 03/05/19
OMB No. 2040-0004

Outfalls and Other Discharge or Disposal Methods Continued

1.20	In the table below, indicate the name, address, contact information, NPDES number, and average daily flow rate of the receiving facility.				
Receiving Facility Data					
Facility name			Mailing address (street or P.O. box)		
City or town			State	ZIP code	
Contact name (first and last)			Title		
Phone number			Email address		
NPDES number of receiving facility (if any) <input type="checkbox"/> None			Average daily flow rate mgd		
1.21	Is the wastewater disposed of in a manner other than those already mentioned in Items 1.14 through 1.21 that do not have outlets to waters of the United States (e.g., underground percolation, underground injection)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Item 1.23.				
1.22	Provide information in the table below on these other disposal methods.				
Information on Other Disposal Methods					
	Disposal Method Description	Location of Disposal Site	Size of Disposal Site	Annual Average Daily Discharge Volume	Continuous or Intermittent (check one)
			acres	gpd	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
			acres	gpd	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
			acres	gpd	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

Variance Requests

1.23	Do you intend to request or renew one or more of the variances authorized at 40 CFR 122.21(n)? (Check all that apply. Consult with your NPDES permitting authority to determine what information needs to be submitted and when.) <input type="checkbox"/> Discharges into marine waters (CWA Section 301(h)) <input type="checkbox"/> Water quality related effluent limitation (CWA Section 302(b)(2)) <input checked="" type="checkbox"/> Not applicable			
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Contractor Information

1.24	Are any operational or maintenance aspects (related to wastewater treatment and effluent quality) of the treatment works the responsibility of a contractor? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Section 2.			
1.25	Provide location and contact information for each contractor in addition to a description of the contractor's operational and maintenance responsibilities.			
Contractor Information				
		Contractor 1	Contractor 2	Contractor 3
	Contractor name (company name)			
	Mailing address (street or P.O. box)			
	City, state, and ZIP code			
	Contact name (first and last)			
	Phone number			
	Email address			
	Operational and maintenance responsibilities of contractor			

SECTION 2. ADDITIONAL INFORMATION (40 CFR 122.21(j)(1) and (2))

Design Flow	Outfalls to Waters of the United States					
	2.1	Does the treatment works have a design flow greater than or equal to 0.1 mgd? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 3.				
Inflow and Infiltration	2.2	Provide the treatment works' current average daily volume of inflow and infiltration.			Average Daily Volume of Inflow and Infiltration 4150 gpd	
	Indicate the steps the facility is taking to minimize inflow and infiltration. Daily average I&I is .008 MGD for the 6 wettest months. Not much I&I during summer months. Facility is completing inspections of all STEP system tanks and building service lines with priority based on the leak volume. The POTB also has two uncovered vehicle wash areas that collect rain water during rain events along with open top tank at septage.					
Topographic Map	2.3	Have you attached a topographic map to this application that contains all the required information? (See instructions for specific requirements.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Flow Diagram	2.4	Have you attached a process flow diagram or schematic to this application that contains all the required information? (See instructions for specific requirements.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Scheduled Improvements and Schedules of Implementation	2.5	Are improvements to the facility scheduled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 3.				
	Briefly list and describe the scheduled improvements.					
	1. Installation of dechlorination equipment. Installation of ammonia reduction equipment.					
	2. Dredging of lagoon solids to be performed.					
	3. Collection System upgrades at Tillamook County Jail to abandon outdated pump station.					
	4. Replacement of outfall pipe with in stream diffuser, if approved funding from senate congressional directed spending.					
	2.6	Provide scheduled or actual dates of completion for improvements.				
Scheduled or Actual Dates of Completion for Improvements						
	Scheduled Improvement (from above)	Affected Outfalls (list outfall number)	Begin Construction (MM/DD/YYYY)	End Construction (MM/DD/YYYY)	Begin Discharge (MM/DD/YYYY)	Attainment of Operational Level (MM/DD/YYYY)
	1.	001				01/31/2026
	2.	001				01/31/2026
	3.	001				01/31/2026
	4.	001				
2.7	Have appropriate permits/clearances concerning other federal/state requirements been obtained? Briefly explain your response. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None required or applicable					
Explanation: Projects 1-3 are currently awaiting NOAA approval. Financing to be provided by DEQ clean water revolving loan fund.						

EPA Identification Number
OR0022918

NPDES Permit Number
101118

Facility Name
Port of Tillamook Bay

Form Approved 03/05/19
OMB No. 2040-0004

SECTION 3. INFORMATION ON EFFLUENT DISCHARGES (40 CFR 122.21(j)(3) to (5))

Description of Outfalls	3.1	Provide the following information for each outfall. (Attach additional sheets if you have more than three outfalls.)		
		Outfall Number <u>001</u>	Outfall Number _____	Outfall Number _____
	State	Oregon		
	County	Tillamook		
	City or town	Tillamook		
	Distance from shore	0 ft.	ft.	ft.
	Depth below surface	0 ft.	ft.	ft.
	Average daily flow rate	0.150 mgd	mgd	mgd
	Latitude	45° 25' 45.8" N	° ' "	° ' "
Longitude	123° 48' 12.2" W	° ' "	° ' "	
Seasonal or Periodic Discharge Data	3.2	Do any of the outfalls described under Item 3.1 have seasonal or periodic discharges? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Item 3.4.		
	3.3	If so, provide the following information for each applicable outfall.		
		Outfall Number <u>001</u>	Outfall Number _____	Outfall Number _____
	Number of times per year discharge occurs	3.5		
	Average duration of each discharge (specify units)	4 weeks		
Average flow of each discharge	0.150 mgd	mgd	mgd	
Months in which discharge occurs	November-April			
Diffuser Type	3.4	Are any of the outfalls listed under Item 3.1 equipped with a diffuser? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Item 3.6.		
	3.5	Briefly describe the diffuser type at each applicable outfall.		
		Outfall Number _____	Outfall Number _____	Outfall Number _____
Waters of the U.S.	3.6	Does the treatment works discharge or plan to discharge wastewater to waters of the United States from one or more discharge points? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Section 6.		

EPA Identification Number
OR0022918

NPDES Permit Number
101118

Facility Name
Port of Tillamook Bay

Form Approved 03/05/19
OMB No. 2040-0004

Receiving Water Description	3.7	Provide the receiving water and related information (if known) for each outfall.		
		Outfall Number <u>001</u>	Outfall Number _____	Outfall Number _____
	Receiving water name	Trask River		
	Name of watershed, river, or stream system	Wilson-Trask-Nestucca		
	U.S. Soil Conservation Service 14-digit watershed code			
	Name of state management/river basin	North Oregon Coastal		
	U.S. Geological Survey 8-digit hydrologic cataloging unit code	17100203		
	Critical low flow (acute)	cfs	cfs	cfs
	Critical low flow (chronic)	cfs	cfs	cfs
Total hardness at critical low flow	mg/L of CaCO ₃	mg/L of CaCO ₃	mg/L of CaCO ₃	
Treatment Description	3.8	Provide the following information describing the treatment provided for discharges from each outfall.		
		Outfall Number <u>001</u>	Outfall Number _____	Outfall Number _____
	Highest Level of Treatment (check all that apply per outfall)	<input type="checkbox"/> Primary <input type="checkbox"/> Equivalent to secondary <input checked="" type="checkbox"/> Secondary <input type="checkbox"/> Advanced <input type="checkbox"/> Other (specify) _____	<input type="checkbox"/> Primary <input type="checkbox"/> Equivalent to secondary <input type="checkbox"/> Secondary <input type="checkbox"/> Advanced <input type="checkbox"/> Other (specify) _____	<input type="checkbox"/> Primary <input type="checkbox"/> Equivalent to secondary <input type="checkbox"/> Secondary <input type="checkbox"/> Advanced <input type="checkbox"/> Other (specify) _____
	Design Removal Rates by Outfall	2-Cell Facultative Lagoon		
	BOD ₅ or CBOD ₅	85 %	%	%
	TSS	75 %	%	%
	Phosphorus	<input checked="" type="checkbox"/> Not applicable %	<input type="checkbox"/> Not applicable %	<input type="checkbox"/> Not applicable %
	Nitrogen	<input checked="" type="checkbox"/> Not applicable %	<input type="checkbox"/> Not applicable %	<input type="checkbox"/> Not applicable %
Other (specify) _____	<input type="checkbox"/> Not applicable %	<input type="checkbox"/> Not applicable %	<input type="checkbox"/> Not applicable %	

EPA Identification Number
OR0022918

NPDES Permit Number
101118

Facility Name
Port of Tillamook Bay

Form Approved 03/05/19
OMB No. 2040-0004

Treatment Description Continued

3.9	Describe the type of disinfection used for the effluent from each outfall in the table below. If disinfection varies by season, describe below. Sodium Hypochlorite is used for disinfection during the months of November through April. No discharge to receiving stream is allowed from May through October.		
	Outfall Number <u>001</u>	Outfall Number _____	Outfall Number _____
Disinfection type	Sodium Hypochlorite		
Seasons used	November-April		
Dechlorination used?	<input type="checkbox"/> Not applicable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Not applicable <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Not applicable <input type="checkbox"/> Yes <input type="checkbox"/> No

Effluent Testing Data

3.10	Have you completed monitoring for all Table A parameters and attached the results to the application package? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
3.11	Have you conducted any WET tests during the 4.5 years prior to the date of the application on any of the facility's discharges or on any receiving water near the discharge points? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Item 3.13.						
3.12	Indicate the number of acute and chronic WET tests conducted since the last permit reissuance of the facility's discharges by outfall number or of the receiving water near the discharge points.						
		Outfall Number _____		Outfall Number _____		Outfall Number _____	
		Acute	Chronic	Acute	Chronic	Acute	Chronic
	Number of tests of discharge water						
Number of tests of receiving water							
3.13	Does the treatment works have a design flow greater than or equal to 0.1 mgd? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Item 3.16.						
3.14	Does the POTW use chlorine for disinfection, use chlorine elsewhere in the treatment process, or otherwise have reasonable potential to discharge chlorine in its effluent? <input checked="" type="checkbox"/> Yes → Complete Table B, including chlorine. <input type="checkbox"/> No → Complete Table B, omitting chlorine.						
3.15	Have you completed monitoring for all applicable Table B pollutants and attached the results to this application package? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
3.16	Does one or more of the following conditions apply? <ul style="list-style-type: none"> The facility has a design flow greater than or equal to 1 mgd. The POTW has an approved pretreatment program or is required to develop such a program. The NPDES permitting authority has informed the POTW that it must sample for the parameters in Table C, must sample other additional parameters (Table D), or submit the results of WET tests for acute or chronic toxicity for each of its discharge outfalls (Table E). <input type="checkbox"/> Yes → Complete Tables C, D, and E as applicable. <input checked="" type="checkbox"/> No → SKIP to Section 4.						
3.17	Have you completed monitoring for all applicable Table C pollutants and attached the results to this application package? <input type="checkbox"/> Yes <input type="checkbox"/> No						
3.18	Have you completed monitoring for all applicable Table D pollutants required by your NPDES permitting authority and attached the results to this application package? <input type="checkbox"/> Yes <input type="checkbox"/> No additional sampling required by NPDES permitting authority.						

EPA Identification Number
OR0022918

NPDES Permit Number
101118

Facility Name
Port of Tillamook Bay

Form Approved 03/05/19
OMB No. 2040-0004

Effluent Testing Data Continued

3.19	Has the POTW conducted either (1) minimum of four quarterly WET tests for one year preceding this permit application or (2) at least four annual WET tests in the past 4.5 years? <input type="checkbox"/> Yes <input type="checkbox"/> No → Complete tests and Table E and SKIP to Item 3.26.				
3.20	Have you previously submitted the results of the above tests to your NPDES permitting authority? <input type="checkbox"/> Yes <input type="checkbox"/> No → Provide results in Table E and SKIP to Item 3.26.				
3.21	Indicate the dates the data were submitted to your NPDES permitting authority and provide a summary of the results.				
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Date(s) Submitted (MM/DD/YYYY)</th> <th style="width: 50%;">Summary of Results</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Date(s) Submitted (MM/DD/YYYY)	Summary of Results		
Date(s) Submitted (MM/DD/YYYY)	Summary of Results				
3.22	Regardless of how you provided your WET testing data to the NPDES permitting authority, did any of the tests result in toxicity? <input type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Item 3.26.				
3.23	Describe the cause(s) of the toxicity:				
3.24	Has the treatment works conducted a toxicity reduction evaluation? <input type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Item 3.26.				
3.25	Provide details of any toxicity reduction evaluations conducted.				
3.26	Have you completed Table E for all applicable outfalls and attached the results to the application package? <input type="checkbox"/> Yes <input type="checkbox"/> Not applicable because previously submitted information to the NPDES permitting authority.				

SECTION 4. INDUSTRIAL DISCHARGES AND HAZARDOUS WASTES (40 CFR 122.21(j)(6) and (7))

Industrial Discharges and Hazardous Wastes

4.1	Does the POTW receive discharges from SIUs or NSCIUs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Item 4.7.				
4.2	Indicate the number of SIUs and NSCIUs that discharge to the POTW.				
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Number of SIUs</th> <th style="width: 50%;">Number of NSCIUs</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Number of SIUs	Number of NSCIUs		
Number of SIUs	Number of NSCIUs				
4.3	Does the POTW have an approved pretreatment program? <input type="checkbox"/> Yes <input type="checkbox"/> No				
4.4	Have you submitted either of the following to the NPDES permitting authority that contains information substantially identical to that required in Table F: (1) a pretreatment program annual report submitted within one year of the application or (2) a pretreatment program? <input type="checkbox"/> Yes <input type="checkbox"/> No → SKIP to Item 4.6.				
4.5	Identify the title and date of the annual report or pretreatment program referenced in Item 4.4. SKIP to Item 4.7.				
4.6	Have you completed and attached Table F to this application package? <input type="checkbox"/> Yes <input type="checkbox"/> No				

EPA Identification Number
OR0022918

NPDES Permit Number
101118

Facility Name
Port of Tillamook Bay

Form Approved 03/05/19
OMB No. 2040-0004

Industrial Discharges and Hazardous Wastes Continued

4.7	Does the POTW receive, or has it been notified that it will receive, by truck, rail, or dedicated pipe, any wastes that are regulated as RCRA hazardous wastes pursuant to 40 CFR 261? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Item 4.9.			
4.8	If yes, provide the following information:			
	Hazardous Waste Number	Waste Transport Method (check all that apply)		Annual Amount of Waste Received
		<input type="checkbox"/> Truck	<input type="checkbox"/> Rail	
		<input type="checkbox"/> Dedicated pipe	<input type="checkbox"/> Other (specify) _____	
		<input type="checkbox"/> Truck	<input type="checkbox"/> Rail	
		<input type="checkbox"/> Dedicated pipe	<input type="checkbox"/> Other (specify) _____	
		<input type="checkbox"/> Truck	<input type="checkbox"/> Rail	
		<input type="checkbox"/> Dedicated pipe	<input type="checkbox"/> Other (specify) _____	
4.9	Does the POTW receive, or has it been notified that it will receive, wastewaters that originate from remedial activities, including those undertaken pursuant to CERCLA and Sections 3004(7) or 3008(h) of RCRA? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Section 5.			
4.10	Does the POTW receive (or expect to receive) less than 15 kilograms per month of non-acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e)? <input type="checkbox"/> Yes → SKIP to Section 5. <input type="checkbox"/> No			
4.11	Have you reported the following information in an attachment to this application: identification and description of the site(s) or facility(ies) at which the wastewater originates; the identities of the wastewater's hazardous constituents; and the extent of treatment, if any, the wastewater receives or will receive before entering the POTW? <input type="checkbox"/> Yes <input type="checkbox"/> No			

SECTION 5. COMBINED SEWER OVERFLOWS (40 CFR 122.21(j)(8))

CSO Map and Diagram

5.1	Does the treatment works have a combined sewer system? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → SKIP to Section 6.			
5.2	Have you attached a CSO system map to this application? (See instructions for map requirements.) <input type="checkbox"/> Yes <input type="checkbox"/> No			
5.3	Have you attached a CSO system diagram to this application? (See instructions for diagram requirements.) <input type="checkbox"/> Yes <input type="checkbox"/> No			

EPA Identification Number
OR0022918

NPDES Permit Number
101118

Facility Name
Port of Tillamook Bay

Form Approved 03/05/19
OMB No. 2040-0004

CSO Outfall Description	5.4	For each CSO outfall, provide the following information. (Attach additional sheets as necessary.)		
		CSO Outfall Number ____	CSO Outfall Number ____	CSO Outfall Number ____
	City or town			
	State and ZIP code			
	County			
	Latitude	° ' "	° ' "	° ' "
	Longitude	° ' "	° ' "	° ' "
	Distance from shore	ft.	ft.	ft.
Depth below surface	ft.	ft.	ft.	
CSO Monitoring	5.5	Did the POTW monitor any of the following items in the past year for its CSO outfalls?		
		CSO Outfall Number ____	CSO Outfall Number ____	CSO Outfall Number ____
	Rainfall	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	CSO flow volume	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	CSO pollutant concentrations	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Receiving water quality	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	CSO frequency	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Number of storm events	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
CSO Events in Past Year	5.6	Provide the following information for each of your CSO outfalls.		
		CSO Outfall Number ____	CSO Outfall Number ____	CSO Outfall Number ____
	Number of CSO events in the past year	events	events	events
	Average duration per event	hours <input type="checkbox"/> Actual or <input type="checkbox"/> Estimated	hours <input type="checkbox"/> Actual or <input type="checkbox"/> Estimated	hours <input type="checkbox"/> Actual or <input type="checkbox"/> Estimated
	Average volume per event	million gallons <input type="checkbox"/> Actual or <input type="checkbox"/> Estimated	million gallons <input type="checkbox"/> Actual or <input type="checkbox"/> Estimated	million gallons <input type="checkbox"/> Actual or <input type="checkbox"/> Estimated
Minimum rainfall causing a CSO event in last year	inches of rainfall <input type="checkbox"/> Actual or <input type="checkbox"/> Estimated	inches of rainfall <input type="checkbox"/> Actual or <input type="checkbox"/> Estimated	inches of rainfall <input type="checkbox"/> Actual or <input type="checkbox"/> Estimated	

EPA Identification Number
OR0022918


NPDES Permit Number
101118

Facility Name
Port of Tillamook Bay

Form Approved 03/05/19
OMB No. 2040-0004

CSO Receiving Waters	5.7	Provide the information in the table below for each of your CSO outfalls.			
		CSO Outfall Number ____	CSO Outfall Number ____	CSO Outfall Number ____	
		Receiving water name			
		Name of watershed/ stream system			
		U.S. Soil Conservation Service 14-digit watershed code (if known)	<input type="checkbox"/> Unknown	<input type="checkbox"/> Unknown	<input type="checkbox"/> Unknown
		Name of state management/river basin			
		U.S. Geological Survey 8-Digit Hydrologic Unit Code (if known)	<input type="checkbox"/> Unknown	<input type="checkbox"/> Unknown	<input type="checkbox"/> Unknown
		Description of known water quality impacts on receiving stream by CSO (see instructions for examples)			

SECTION 6. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d))

Checklist and Certification Statement	6.1	In Column 1 below, mark the sections of Form 2A 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 provide attachments.	
		Column 1	Column 2
	<input checked="" type="checkbox"/>	Section 1: Basic Application Information for All Applicants	<input type="checkbox"/> w/ variance request(s) <input type="checkbox"/> w/ additional attachments
	<input checked="" type="checkbox"/>	Section 2: Additional Information	<input checked="" type="checkbox"/> w/ topographic map <input checked="" type="checkbox"/> w/ additional attachments
	<input checked="" type="checkbox"/>	Section 3: Information on Effluent Discharges	<input checked="" type="checkbox"/> w/ Table A <input type="checkbox"/> w/ Table D <input checked="" type="checkbox"/> w/ Table B <input type="checkbox"/> w/ Table E <input type="checkbox"/> w/ Table C <input type="checkbox"/> w/ additional attachments
	<input checked="" type="checkbox"/>	Section 4: Industrial Discharges and Hazardous Wastes	<input type="checkbox"/> w/ SIU and NSCIU attachments <input type="checkbox"/> w/ Table F <input type="checkbox"/> w/ additional attachments
	<input checked="" type="checkbox"/>	Section 5: Combined Sewer Overflows	<input type="checkbox"/> w/ CSO map <input type="checkbox"/> w/ additional attachments <input type="checkbox"/> w/ CSO system diagram
	<input checked="" type="checkbox"/>	Section 6: Checklist and Certification Statement	<input type="checkbox"/> w/ attachments
	6.2	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)	Official title	
	Michelle R. Bradley	General Manager	
	Signature	Date signed	
		06/17/2024	

EPA Identification Number OR0022918	NPDES Permit Number 101118	Facility Name Port of Tillamook Bay	Outfall Number 001
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Form Approved 03/05/19
OMB No. 2040-0004

TABLE A. EFFLUENT PARAMETERS FOR ALL POTWS

Pollutant	Maximum Daily Discharge		Average Daily Discharge			Analytical Method ¹	ML or MDL (include units)
	Value	Units	Value	Units	Number of Samples		
Biochemical oxygen demand <input checked="" type="checkbox"/> BOD ₅ or <input type="checkbox"/> CBOD ₅ (report one)	42.7	mg/L	23.7	mg/L	11	SM5210-B	2.0 mg/l <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Fecal coliform	26	MPN	5.7	MPN	11	SM9221	2.0 MPN <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Design flow rate	.208	MGD	0.161	MGD	72		
pH (minimum)	7.05	S.U.					
pH (maximum)	7.90	S.U.					
Temperature (winter)	15.5	Degrees Celsius	11.0	Degrees Celsius	75		
Temperature (summer)	NA	NA	NA	NA	NA		
Total suspended solids (TSS)	16.0	mg/L	9.5	mg/L	11	SM2540	1.0 mg/l <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL

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).

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EPA Identification Number OR0022918	NPDES Permit Number 101118	Facility Name Port of Tillamook Bay	Outfall Number 001
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Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. EFFLUENT PARAMETERS FOR ALL POTWS WITH A FLOW EQUAL TO OR GREATER THAN 0.1 MGD

Pollutant	Maximum Daily Discharge		Average Daily Discharge			Analytical Method ¹	ML or MDL (include units)
	Value	Units	Value	Units	Number of Samples		
Ammonia (as N)	26.10	mg/L	22.00	mg/L	3	EPA350.1	7.76 mg/l <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Chlorine (total residual, TRC) ²	0.07	mg/L	0.05	mg/L	75	SM4500-Cl-G	0.02 mg/l <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Dissolved oxygen	8.08	mg/L	8.05	mg/L	4	SM4500-O	0.1 mg/l <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Nitrate/nitrite	2.56	mg/L	1.39	mg/L	3	EPA353.2	0.50 mg/l <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Kjeldahl nitrogen	30.00	mg/L	28.23	mg/L	3	EPA351.2	5.0 mg/L <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Oil and grease	<4.12	mg/L	<3.59	mg/L	3	EPA1664-A	4.12 mg/l <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Phosphorus	6.10	mg/L	5.08	mg/L	3	EPA365.1	0.05 mg/l <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL
Total dissolved solids	324.00	mg/L	250.70	mg/L	3	SM2540-C	30 mg/l <input type="checkbox"/> ML <input checked="" type="checkbox"/> MDL

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).
² Facilities that do not use chlorine for disinfection, do not use chlorine elsewhere in the treatment process, and have no reasonable potential to discharge chlorine in their effluent are not required to report data for chlorine.

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EPA Identification Number OR0022918	NPDES Permit Number 101118	Facility Name Port of Tillamook Bay	Outfall Number
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Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. EFFLUENT PARAMETERS FOR SELECTED POTWS

Pollutant	Maximum Daily Discharge		Average Daily Discharge			Analytical Method ¹	ML or MDL (include units)
	Value	Units	Value	Units	Number of Samples		
Metals, Cyanide, and Total Phenols							
Hardness (as CaCO ₃)							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Antimony, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Arsenic, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Beryllium, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Cadmium, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Chromium, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Copper, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Lead, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Mercury, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Nickel, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Selenium, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Silver, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Thallium, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Zinc, total recoverable							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Cyanide							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Total phenolic compounds							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Volatile Organic Compounds							
Acrolein							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Acrylonitrile							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Benzene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Bromoform							<input type="checkbox"/> ML <input type="checkbox"/> MDL

EPA Identification Number OR0022918	NPDES Permit Number 101118	Facility Name Port of Tillamook Bay	Outfall Number
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Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. EFFLUENT PARAMETERS FOR SELECTED POTWS

Pollutant	Maximum Daily Discharge		Average Daily Discharge			Analytical Method ¹	ML or MDL (include units)
	Value	Units	Value	Units	Number of Samples		
Carbon tetrachloride							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Chlorobenzene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Chlorodibromomethane							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Chloroethane							<input type="checkbox"/> ML <input type="checkbox"/> MDL
2-chloroethylvinyl ether							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Chloroform							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Dichlorobromomethane							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,1-dichloroethane							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,2-dichloroethane							<input type="checkbox"/> ML <input type="checkbox"/> MDL
trans-1,2-dichloroethylene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,1-dichloroethylene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,2-dichloropropane							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,3-dichloropropylene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Ethylbenzene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Methyl bromide							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Methyl chloride							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Methylene chloride							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,1,2,2-tetrachloroethane							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Tetrachloroethylene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Toluene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,1,1-trichloroethane							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,1,2-trichloroethane							<input type="checkbox"/> ML <input type="checkbox"/> MDL

EPA Identification Number OR0022918	NPDES Permit Number 101118	Facility Name Port of Tillamook Bay	Outfall Number
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Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. EFFLUENT PARAMETERS FOR SELECTED POTWS

Pollutant	Maximum Daily Discharge		Average Daily Discharge			Analytical Method ¹	ML or MDL (include units)
	Value	Units	Value	Units	Number of Samples		
Trichloroethylene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Vinyl chloride							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Acid-Extractable Compounds							
p-chloro-m-cresol							<input type="checkbox"/> ML <input type="checkbox"/> MDL
2-chlorophenol							<input type="checkbox"/> ML <input type="checkbox"/> MDL
2,4-dichlorophenol							<input type="checkbox"/> ML <input type="checkbox"/> MDL
2,4-dimethylphenol							<input type="checkbox"/> ML <input type="checkbox"/> MDL
4,6-dinitro-o-cresol							<input type="checkbox"/> ML <input type="checkbox"/> MDL
2,4-dinitrophenol							<input type="checkbox"/> ML <input type="checkbox"/> MDL
2-nitrophenol							<input type="checkbox"/> ML <input type="checkbox"/> MDL
4-nitrophenol							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Pentachlorophenol							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Phenol							<input type="checkbox"/> ML <input type="checkbox"/> MDL
2,4,6-trichlorophenol							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Base-Neutral Compounds							
Acenaphthene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Acenaphthylene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Anthracene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Benzidine							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Benzo(a)anthracene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Benzo(a)pyrene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
3,4-benzofluoranthene							<input type="checkbox"/> ML <input type="checkbox"/> MDL

EPA Identification Number OR0022918	NPDES Permit Number 101118	Facility Name Port of Tillamook Bay	Outfall Number
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Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. EFFLUENT PARAMETERS FOR SELECTED POTWS

Pollutant	Maximum Daily Discharge		Average Daily Discharge			Analytical Method ¹	ML or MDL (include units)
	Value	Units	Value	Units	Number of Samples		
Benzo(ghi)perylene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Benzo(k)fluoranthene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Bis (2-chloroethoxy) methane							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Bis (2-chloroethyl) ether							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Bis (2-chloroisopropyl) ether							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Bis (2-ethylhexyl) phthalate							<input type="checkbox"/> ML <input type="checkbox"/> MDL
4-bromophenyl phenyl ether							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Butyl benzyl phthalate							<input type="checkbox"/> ML <input type="checkbox"/> MDL
2-chloronaphthalene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
4-chlorophenyl phenyl ether							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Chrysene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
di-n-butyl phthalate							<input type="checkbox"/> ML <input type="checkbox"/> MDL
di-n-octyl phthalate							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Dibenzo(a,h)anthracene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,2-dichlorobenzene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,3-dichlorobenzene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,4-dichlorobenzene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
3,3-dichlorobenzidine							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Diethyl phthalate							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Dimethyl phthalate							<input type="checkbox"/> ML <input type="checkbox"/> MDL
2,4-dinitrotoluene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
2,6-dinitrotoluene							<input type="checkbox"/> ML <input type="checkbox"/> MDL

EPA Identification Number OR0022918	NPDES Permit Number 101118	Facility Name Port of Tillamook Bay	Outfall Number
--	-------------------------------	--	----------------

Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. EFFLUENT PARAMETERS FOR SELECTED POTWS

Pollutant	Maximum Daily Discharge		Average Daily Discharge			Analytical Method ¹	ML or MDL (include units)
	Value	Units	Value	Units	Number of Samples		
1,2-diphenylhydrazine							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Fluoranthene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Fluorene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Hexachlorobenzene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Hexachlorobutadiene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Hexachlorocyclo-pentadiene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Hexachloroethane							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Indeno(1,2,3-cd)pyrene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Isophorone							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Naphthalene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Nitrobenzene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
N-nitrosodi-n-propylamine							<input type="checkbox"/> ML <input type="checkbox"/> MDL
N-nitrosodimethylamine							<input type="checkbox"/> ML <input type="checkbox"/> MDL
N-nitrosodiphenylamine							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Phenanthrene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
Pyrene							<input type="checkbox"/> ML <input type="checkbox"/> MDL
1,2,4-trichlorobenzene							<input type="checkbox"/> ML <input type="checkbox"/> MDL

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).

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EPA Identification Number OR0022918	NPDES Permit Number 101118	Facility Name Port of Tillamook Bay	Outfall Number
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Form Approved 03/05/19
OMB No. 2040-0004

TABLE E. EFFLUENT MONITORING FOR WHOLE EFFLUENT TOXICITY

The table provides response space for one whole effluent toxicity sample. Copy the table to report additional test results.

Test Information			
	Test Number _____	Test Number _____	Test Number _____
Test species			
Age at initiation of test			
Outfall number			
Date sample collected			
Date test started			
Duration			
Toxicity Test Methods			
Test method number			
Manual title			
Edition number and year of publication			
Page number(s)			
Sample Type			
Check one:	<input type="checkbox"/> Grab <input type="checkbox"/> 24-hour composite	<input type="checkbox"/> Grab <input type="checkbox"/> 24-hour composite	<input type="checkbox"/> Grab <input type="checkbox"/> 24-hour composite
Sample Location			
Check one:	<input type="checkbox"/> Before Disinfection <input type="checkbox"/> After Disinfection <input type="checkbox"/> After Dechlorination	<input type="checkbox"/> Before Disinfection <input type="checkbox"/> After Disinfection <input type="checkbox"/> After Dechlorination	<input type="checkbox"/> Before disinfection <input type="checkbox"/> After disinfection <input type="checkbox"/> After dechlorination
Point in Treatment Process			
Describe the point in the treatment process at which the sample was collected for each test.			
Toxicity Type			
Indicate for each test whether the test was performed to assess acute or chronic toxicity, or both. (Check one response.)	<input type="checkbox"/> Acute <input type="checkbox"/> Chronic <input type="checkbox"/> Both	<input type="checkbox"/> Acute <input type="checkbox"/> Chronic <input type="checkbox"/> Both	<input type="checkbox"/> Acute <input type="checkbox"/> Chronic <input type="checkbox"/> Both

EPA Identification Number OR0022918	NPDES Permit Number 101118	Facility Name Port of Tillamook Bay	Outfall Number
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Form Approved 03/05/19
OMB No. 2040-0004

TABLE E. EFFLUENT MONITORING FOR WHOLE EFFLUENT TOXICITY

The table provides response space for one whole effluent toxicity sample. Copy the table to report additional test results.

	Test Number _____	Test Number _____	Test Number _____
Test Type			
Indicate the type of test performed. (Check one response.)	<input type="checkbox"/> Static <input type="checkbox"/> Static-renewal <input type="checkbox"/> Flow-through	<input type="checkbox"/> Static <input type="checkbox"/> Static-renewal <input type="checkbox"/> Flow-through	<input type="checkbox"/> Static <input type="checkbox"/> Static-renewal <input type="checkbox"/> Flow-through
Source of Dilution Water			
Indicate the source of dilution water. (Check one response.)	<input type="checkbox"/> Laboratory water <input type="checkbox"/> Receiving water	<input type="checkbox"/> Laboratory water <input type="checkbox"/> Receiving water	<input type="checkbox"/> Laboratory water <input type="checkbox"/> Receiving water
If laboratory water, specify type.			
If receiving water, specify source.			
Type of Dilution Water			
Indicate the type of dilution water. If salt water, specify "natural" or type of artificial sea salts or brine used.	<input type="checkbox"/> Fresh water <input type="checkbox"/> Salt water (specify)	<input type="checkbox"/> Fresh water <input type="checkbox"/> Salt water (specify)	<input type="checkbox"/> Fresh water <input type="checkbox"/> Salt water (specify)
Percentage Effluent Used			
Specify the percentage effluent used for all concentrations in the test series.			
Parameters Tested			
Check the parameters tested.	<input type="checkbox"/> pH <input type="checkbox"/> Salinity <input type="checkbox"/> Temperature	<input type="checkbox"/> Ammonia <input type="checkbox"/> Dissolved oxygen	<input type="checkbox"/> pH <input type="checkbox"/> Salinity <input type="checkbox"/> Temperature
		<input type="checkbox"/> Ammonia <input type="checkbox"/> Dissolved oxygen	<input type="checkbox"/> pH <input type="checkbox"/> Salinity <input type="checkbox"/> Temperature
			<input type="checkbox"/> Ammonia <input type="checkbox"/> Dissolved oxygen
Acute Test Results			
Percent survival in 100% effluent	%	%	%
LC ₅₀			
95% confidence interval	%	%	%
Control percent survival	%	%	%

EPA Identification Number OR0022918	NPDES Permit Number 101118	Facility Name Port of Tillamook Bay	Outfall Number
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Form Approved 03/05/19
OMB No. 2040-0004

TABLE E. EFFLUENT MONITORING FOR WHOLE EFFLUENT TOXICITY

The table provides response space for one whole effluent toxicity sample. Copy the table to report additional test results.

	Test Number _____	Test Number _____	Test Number _____
Acute Test Results Continued			
Other (describe)			
Chronic Test Results			
NOEC	%	%	%
IC ₂₅	%	%	%
Control percent survival	%	%	%
Other (describe)			
Quality Control/Quality Assurance			
Is reference toxicant data available?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Was reference toxicant test within acceptable bounds?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
What date was reference toxicant test run (MM/DD/YYYY)?			
Other (describe)			

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EPA Identification Number OR0022918	NPDES Permit Number 101118	Facility Name Port of Tillamook Bay
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Form Approved 03/05/19
OMB No. 2040-0004

TABLE F. INDUSTRIAL DISCHARGE INFORMATION			
Response space is provided for three SIUs. Copy the table to report information for additional SIUs.			
	SIU ____	SIU ____	SIU ____
Name of SIU			
Mailing address (street or P.O. box)			
City, state, and ZIP code			
Description of all industrial processes that affect or contribute to the discharge.			
List the principal products and raw materials that affect or contribute to the SIU's discharge.			
Indicate the average daily volume of wastewater discharged by the SIU.	gpd	gpd	gpd
How much of the average daily volume is attributable to process flow?	gpd	gpd	gpd
How much of the average daily volume is attributable to non-process flow?	gpd	gpd	gpd
Is the SIU subject to local limits?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is the SIU subject to categorical standards?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

EPA Identification Number
OR0022918

NPDES Permit Number
101118

Facility Name
Port of Tillamook Bay

Form Approved 03/05/19
OMB No. 2040-0004

TABLE F. INDUSTRIAL DISCHARGE INFORMATION

Response space is provided for three SIUs. Copy the table to report information for additional SIUs.

	SIU ____	SIU ____	SIU ____
Under what categories and subcategories is the SIU subject?			
Has the POTW experienced problems (e.g., upsets, pass-through interferences) in the past 4.5 years that are attributable to the SIU?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, describe.			

Port of Tillamook Bay NPDES

Permit number 101118

EPA Identification OR0022918

Additional Attachments List:

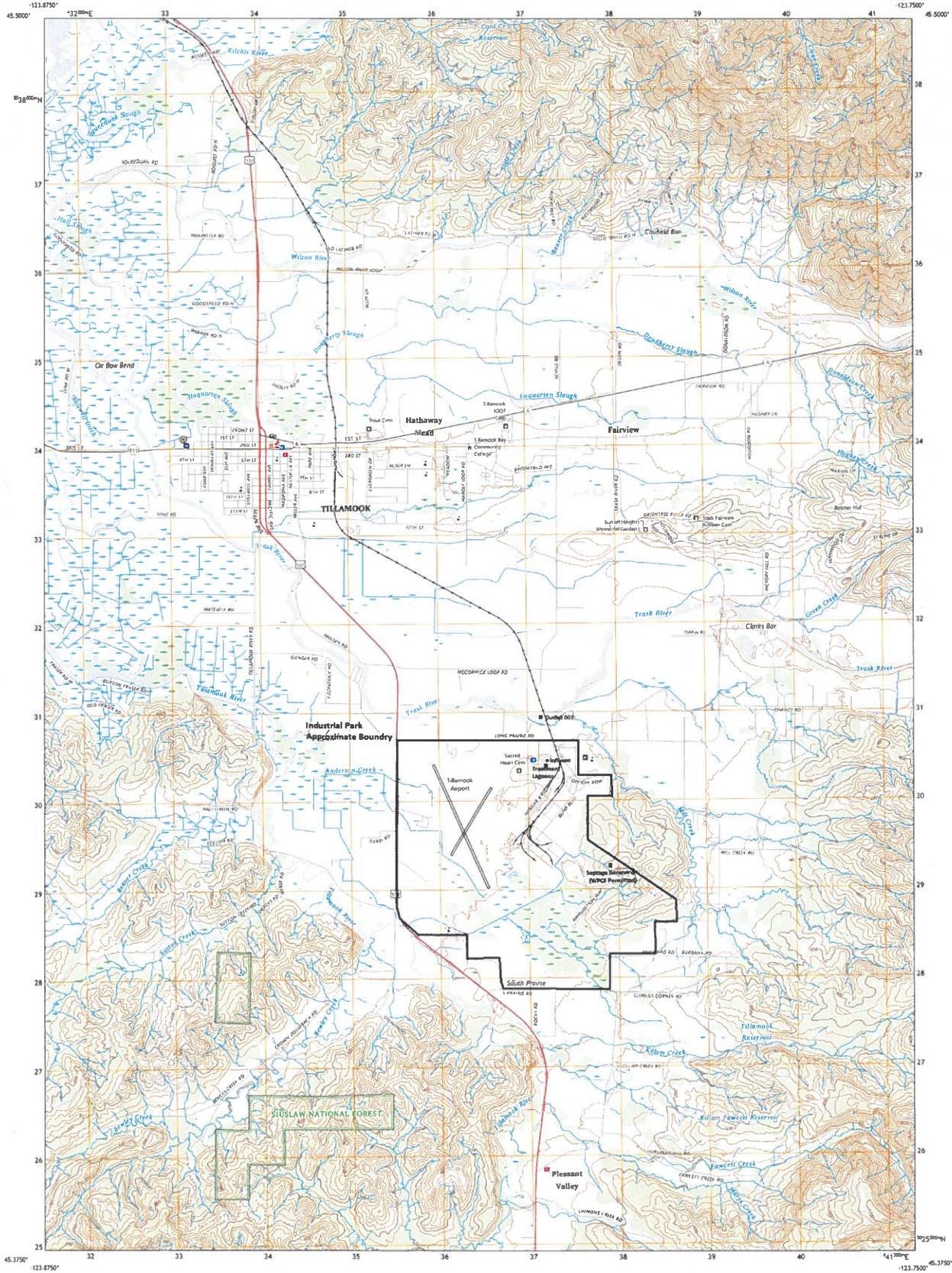
2.3 Topographical Map

2.4 Wastewater Flow Diagram

POTB Collection System Map

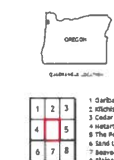
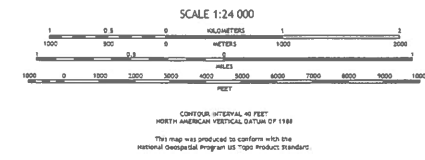
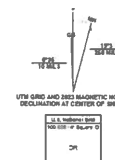
Lagoon System Drawing

Well Map



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) - Projection and
1:500-meter grid Universal Transverse Mercator, Zone 10T
This map is not a legal document. Accuracy may
vary from what is shown. Obtain permission before
reproducing or using for any other purpose.

imagery: USGS, July 2010, July 2010
roads: US Forest Service, Bureau, 2014
names: National Hydrography Dataset, 2005, 2013
contours: National Elevation Dataset, 2011
boundaries: Wetlands, 2017, 2022
public land survey system: BLM, 2019
wetlands: National Wetlands Inventory, 1982, 2009



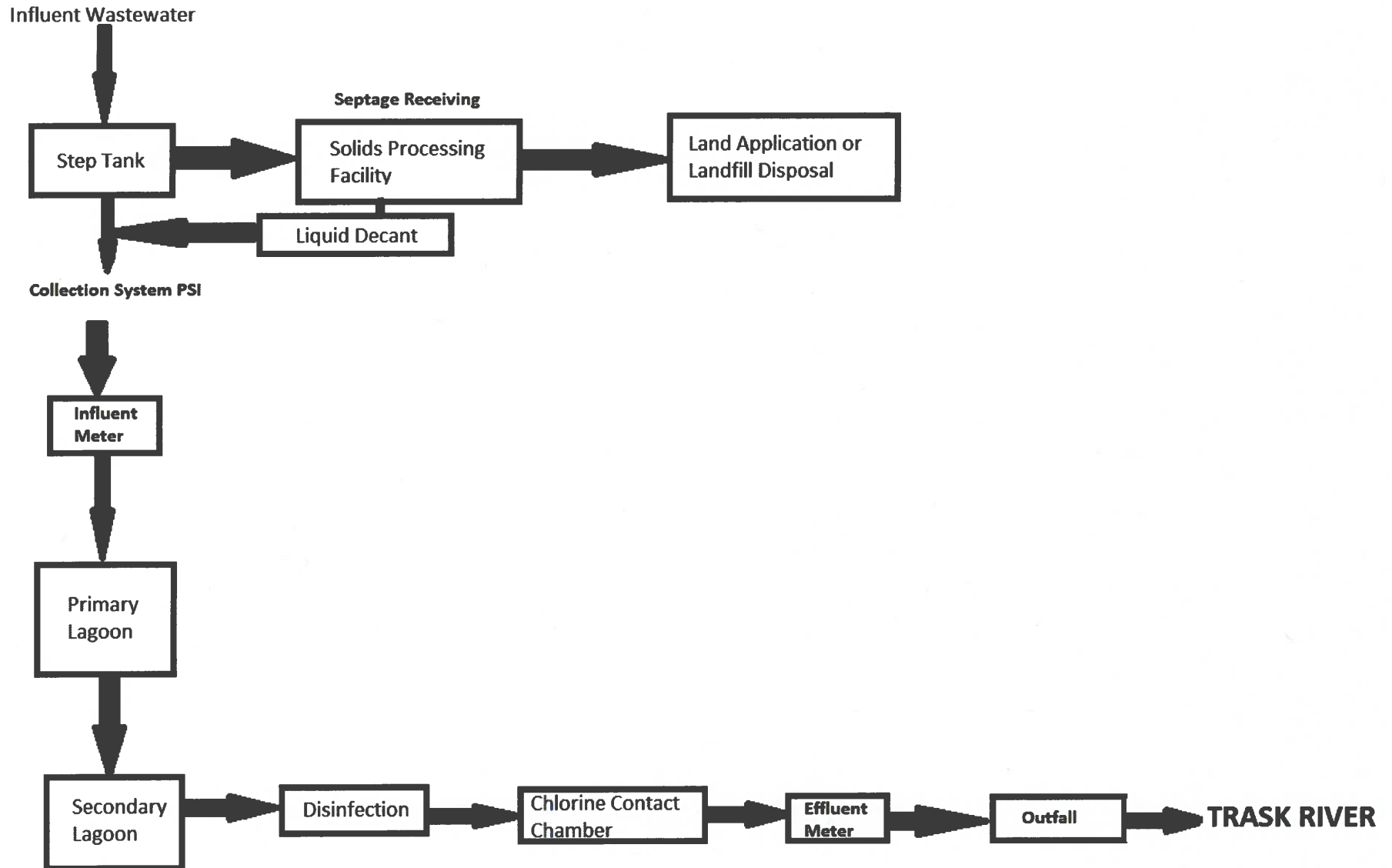
ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Interstate Route	US Route
Primary Route	Passenger Route
	State Route
	Highway
	Clearance Route

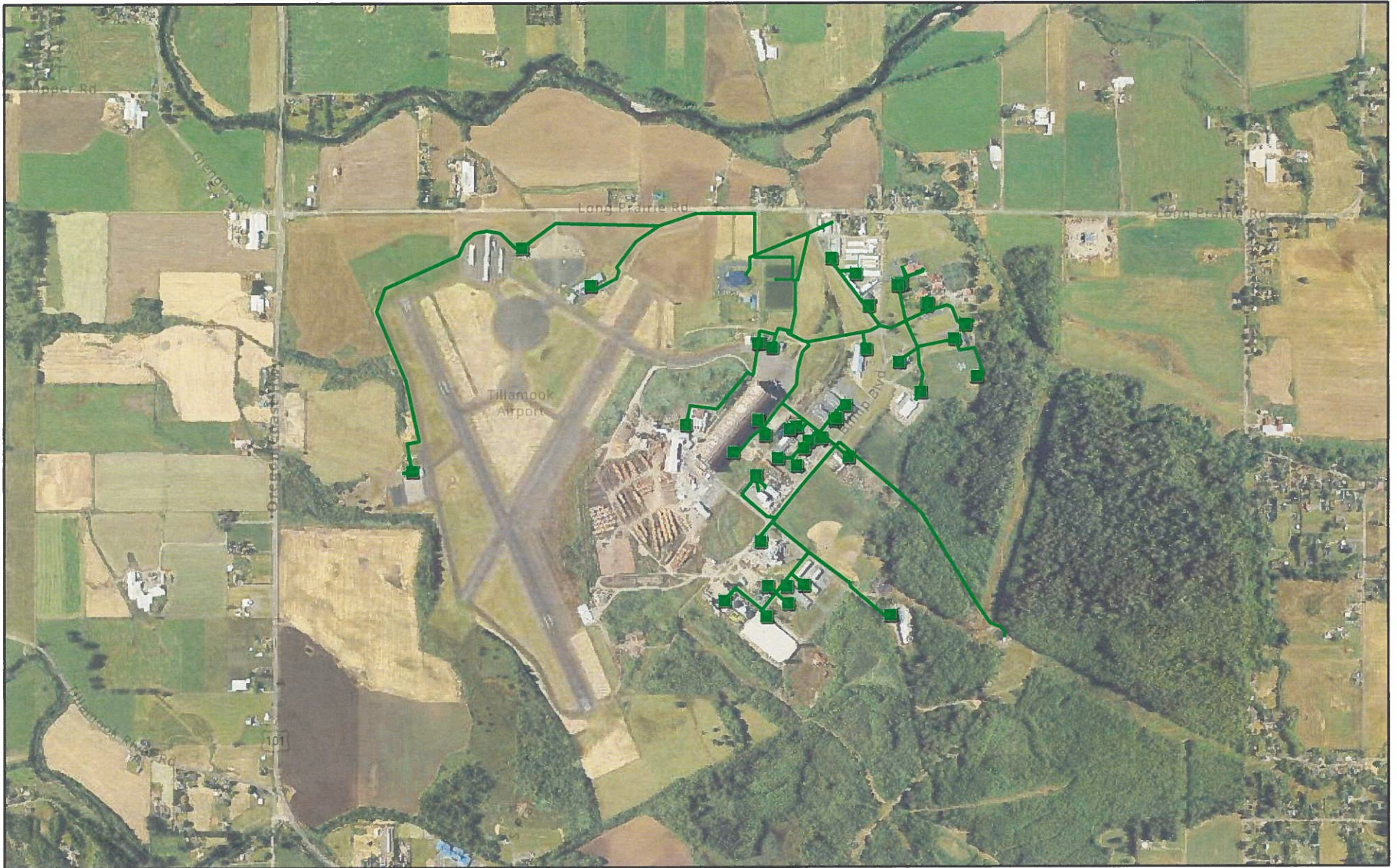
Check with local Forest Service unit
for current unit conditions and restrictions.

TILLAMOOK, OR
2024

POTB Wastewater Flow



Asset Management Base Map - POTB Collection System



6/14/2024

WWPipes

Other

STEP_Tank

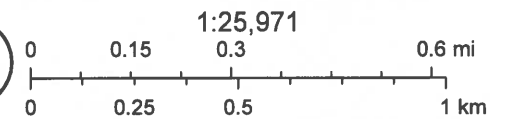
OSIP_2022_WM

Red: Band_1

Green: Band_2

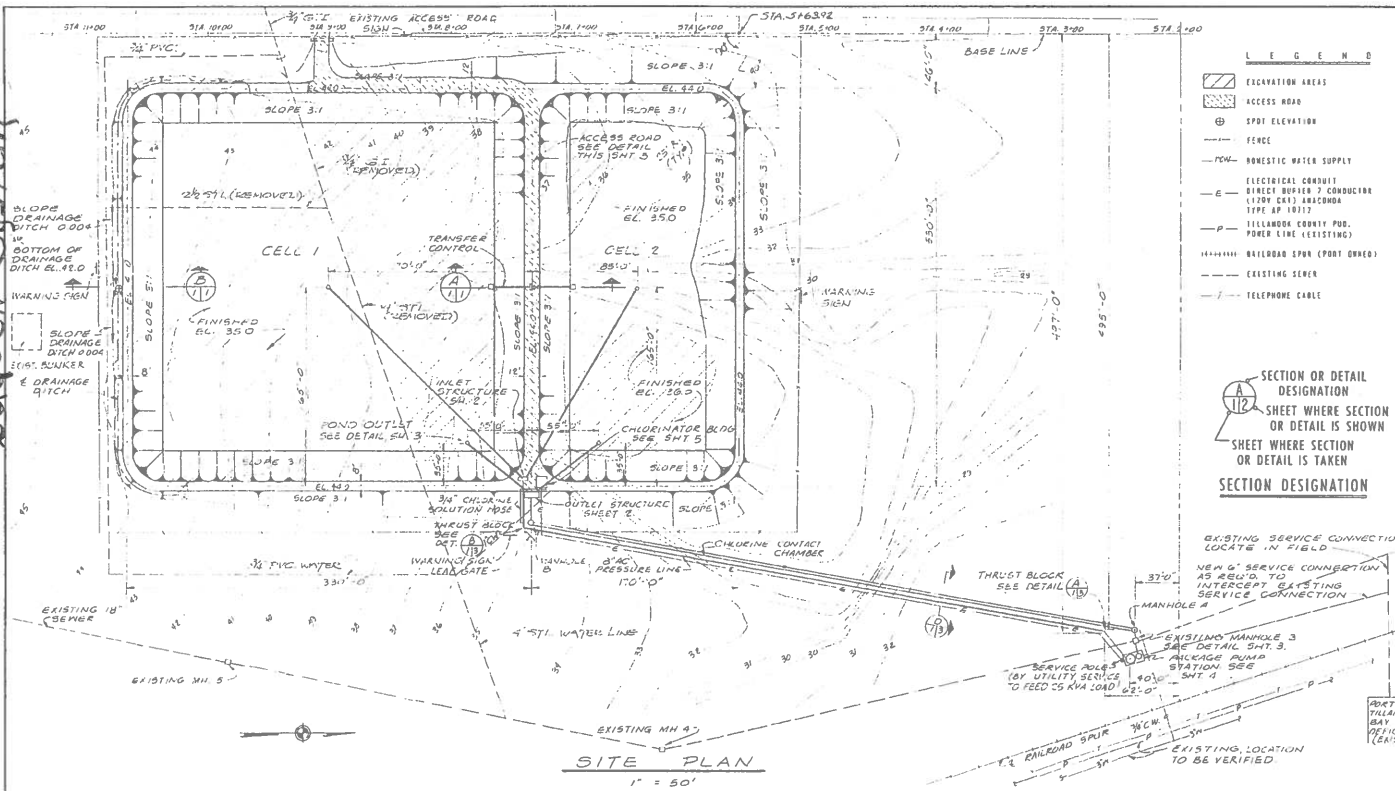
Blue: Band_3

World Hillshade



Oregon Statewide Imagery Program (OSIP) - Oregon Imagery Framework Implementation Team, Esri, NASA, NGA, USGS, FEMA, Oregon State Parks,

LAGOON SYSTEM



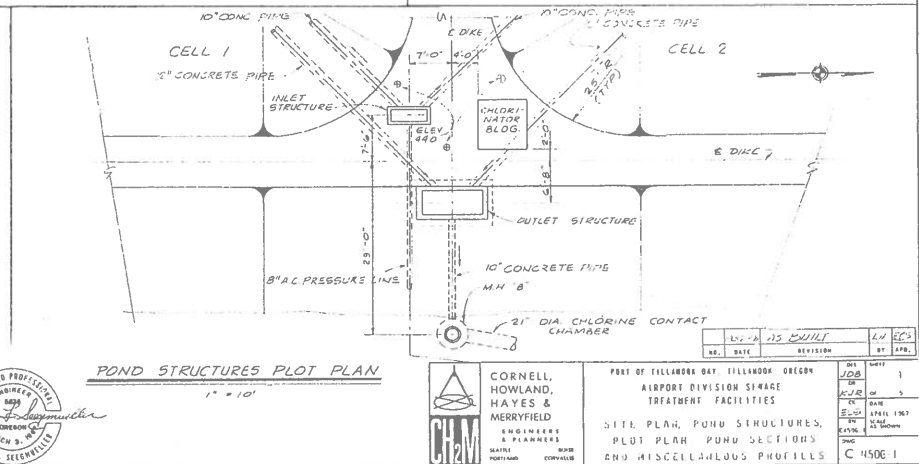
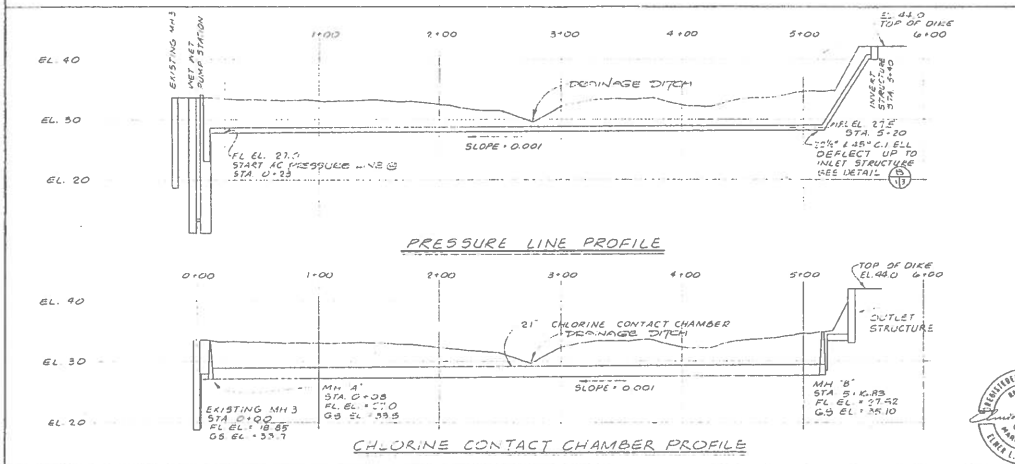
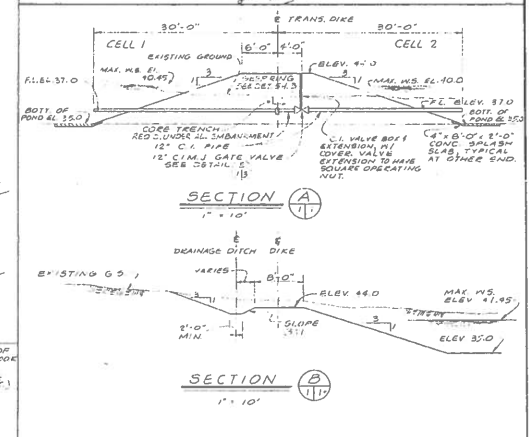
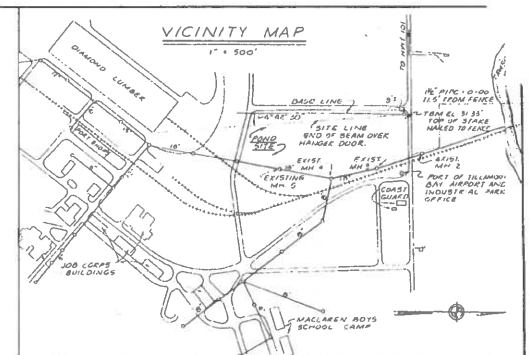
- LEGEND**
- EXCAVATION AREAS
 - ACCESS ROAD
 - SPOT ELEVATION
 - FENCE
 - DOMESTIC WATER SUPPLY
 - ELECTRICAL CONDUIT
 - DIRECT BURIED CONDUCTOR (100% C.B.) UNLOCATED TYPE AP 10112
 - TILLAMOOK COUNTY P.D. POWER LINE (EXISTING)
 - EXISTING SEWER
 - TELEPHONE CABLE

SECTION OR DETAIL DESIGNATION

SECTION WHERE SECTION OR DETAIL IS SHOWN

SHEET WHERE SECTION OR DETAIL IS TAKEN

SECTION DESIGNATION



	CORNELL, HOWLAND, WAYES & MERRYFIELD ENGINEERS & PLANNERS SALVO PORTLAND CORVALLIS	PROJECT: TILLAMOOK BAY TILLAMOOK OREGON AIRPORT DIVISION SHARPE TREATMENT FACILITIES		JOB NO. 1
		SITE PLAN, POND STRUCTURES, PLOT PLAN POND SECTIONS AND MISCELLANEOUS PROFILES		DATE APRIL 1967
		DATE	REVISION	BY
		12/27/67	125 MOULT	EL
				ST
				EPB

Well Map

