



Oregon Department of Environmental Quality
Clean Water State Revolving Fund Program
Point Source Project Application
(Design or Construction Projects)

PROJECT DESCRIPTION

1. Public Agency/Legal Applicant

Address

City, State Zip + 4

Telephone Fax

Email Address

2. Project Contact Person

Telephone Fax

Email Address

3. Indicate the congressional district where the public agency is located.

- #1
#2
#3
#4
#5

4. Is the applicant a federally recognized Indian tribal government? Yes No

5. DUNS number (9 digit)

DUNS number input field

6. Project Type: (check one or both, as appropriate)

- Design
Construction

7. CWSRF Loan Request \$

**8. Project Description**

Describe in detail the water quality or health issue being addressed, how the proposed project will address these issues, the major components of the project, the intended outcome of this effort and any other pertinent information that explains why this project is being proposed.

**9. Project location** (if different from public agency location)

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Address:

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City, State Zip +4

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| | | | - | | | |

**10. Congressional district(s) of the project location:**

- #1
- #2
- #3
- #4
- #5

**11. This project is located within one of the following National Estuary programs?**

Yes  No

If yes, indicate which estuary:

- Tillamook Bay
- Lower Columbia River

*See Appendix B, items D and E for additional info.*

**12. Total Estimated Project Cost: \$**

If there are other anticipated sources of funding for this total project, please indicate those amounts and their funding sources in Table B, Item #48. **Attach a copy of the source of this estimate (as Attachment A) and note the date the estimate was prepared.**

**13. Project Categories**

Estimate the percentage of the proposed CWSRF loan expected to be used for each of the appropriate categories shown below.

Project Category	Description	% CWSRF Program
I	Secondary Treatment Plant (includes but not limited to new, expansion, or improvements; effluent disposal; biosolids treatment, biosolids disposal, water reuse	
II	Advanced Treatment	
III-A	Infiltration/Inflow Correction (I/I)	
III-B	Sewer System Replacement/Rehabilitation	
IV-A	New Collector Sewers and Appurtenances	
IV-B	New Interceptor Sewers and Appurtenances	
V	Combined Sewer Overflow (CSO) Correction	
VI	Storm Sewers	
VII	Water Resource Activity through a Sponsorship Option: includes estuary management and nonpoint source control	
VII	Other Nonpoint Source Activities	
X	Recycled Water Distribution	
	<b>Total:</b>	100%

**14. Describe all outcomes expected from this project, indicate if the outcome is expected to result in protection or restoration. If an outcome results in both protection and restoration, indicate which result is primary and which is secondary.**

*(not all listed outcomes will apply to each project)*

	Protection		Restoration	
	Primary	Secondary	Primary	Secondary
Infrastructure improvement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regionalization/Consolidation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Reuse/Recycling/Conservation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Groundwater protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drinking Water Supply (e.g., groundwater source)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other public health/pathogen reduction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wetland Restoration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: (describe)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**15. Permit information**

NPDES permit number: <i>(EPA reference number beginning with "OR")</i>	OR							
WPCF permit number:								

Attach schedule A from the permit as **Attachment B**

**16. Wastewater Volume:** (average dry weather design flow)

For current system:  mgd

For proposed project:  mgd

**17. Volume of system design flow eliminated or conserved by the proposed project:**  mgd

**18. Proposed project's discharge information** (check all that apply)

	Summer	Winter
Ocean outfall	<input type="checkbox"/>	<input type="checkbox"/>
Estuary/Coastal	<input type="checkbox"/>	<input type="checkbox"/>
Wetland	<input type="checkbox"/>	<input type="checkbox"/>
Surface water (stream, river, lake)	<input type="checkbox"/>	<input type="checkbox"/>
Groundwater	<input type="checkbox"/>	<input type="checkbox"/>
Land application	<input type="checkbox"/>	<input type="checkbox"/>
Other/reuse	<input type="checkbox"/>	<input type="checkbox"/>
Eliminates discharge	<input type="checkbox"/>	<input type="checkbox"/>
No change/No discharge	<input type="checkbox"/>	<input type="checkbox"/>

**WATERBODY**

**19. What waterbody, if any, will or does the project discharge to?**

Provide the name and 8 digit Hydrologic Unit Code for both the primary and secondary water body affected by this project. If no discharge, describe the effluent disposal method

<b>Primary affected waterbody:</b>										
	<b>8 Digit HUC#</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Other affected waterbody:</b>										
	<b>8 Digit HUC#</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Longitude of discharge point:</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Latitude of discharge point:</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**20. For each of the waterbody's designated uses (beneficial uses), indicate if the project will primarily protect or restore that use. If the project provides both protection and restoration, indicated with is the primary and which is the secondary contribution of the project.**  
*(not all uses will apply to each project)*

	Protection		Restoration	
	<u>Primary</u>	<u>Secondary</u>	<u>Primary</u>	<u>Secondary</u>
1. Domestic water supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Fishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Industrial water supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Boating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Irrigation water contact	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Recreation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Livestock watering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Aesthetic quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Fish and aquatic life	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Wildlife and hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Commercial navigation and transportation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Hydropower	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**21. Is this water body(s) impaired or water quality limited for a pollutant(s) that will be reduced or eliminated by this project?**  Yes  No

*When determining if a waterbody is water quality limited, visit DEQ's current [Integrated Report Assessment Database: http://www.deq.state.or.us/wq/assessment/assessment.htm](http://www.deq.state.or.us/wq/assessment/assessment.htm). Water quality limited waters are identified as Category 4 or 5.*

If yes, explain how and to what degree each pollutant will be addressed by this project.

**22. Anticipated water quality improvements or maintenance**

a) The project contributes to water quality:

- Improvement  Maintenance  Not applicable
- 

b) The project allows the system to:

- Achieve compliance  Maintain compliance  Not applicable
- 

c) The affected water body is:

- meeting standards  threatened  impaired  not assessed  
 not applicable
- 

d) This project allows the system to address:

- an existing TMDL  
 a projected TMDL  
 a watershed management plan

**23. Will this project improve water quality by mitigating any of the following water quality parameters: temperature\*, dissolved oxygen\*\*, contaminated sediments, bacteria, nutrients, or any toxics on EPA's priority pollutant list?**

Yes  No

*(See Appendix A for information on EPA's priority pollutants)*

If yes, please describe the intended level of mitigation of each pollutant and indicate if the pollutant is causing this waterbody to be listed on the current [Integrated Report database](http://www.deq.state.or.us/wq/assessment/assessment.htm).

<http://www.deq.state.or.us/wq/assessment/assessment.htm>

\*Temperature is considered a pollutant when water temperature increased to the point where it impacts aquatic species. \*\*Dissolved oxygen is considered a pollutant when the level falls outside a range that benefits the waterbody's ecological health.

**24. If the waterbody(s) impacted by this project qualifies as a DEQ "Special Status" waterbody, indicate which category it qualifies through:**

(See Appendix B for a description of CWSRF "special status" categories)

**WATER QUALITY/PUBLIC HEALTH BENEFITS**

25. Will the project address a noncompliance issue with:  Yes  No

- (a) Water quality standards,
- (b) A public health issue, OR
- (c) Effluent limits associated with a surface waterbody?

If yes, describe below how this noncompliance issue will be addressed by this project and indicate the source of documentation, including the source of documentation (for example, a sewer system evaluation study, a sanitary survey, ambient sampling, a TMDL's Water Quality Management Plan).

Attach copies of documentation (as **Attachment D**) or identify where documentation can be found in DEQ records.

26. Will the project address a noncompliance issue with water quality standards or a public health issue related to groundwater?  Yes  No

If yes, describe below how the water quality problem or public health issue will be addressed and indicate the source of documentation (sanitary survey, groundwater tests, a TMDL's Water Quality Management Plan).

**27. Does this project resolve a noncompliance issue or an enforcement action?**  Yes  No

If yes, indicate which of the following enforcement activities or water quality violations have occurred in relation to the water quality problem or public health issue which this project will address. Check all that apply and attach copies (as Attachment F) of documentation of noncompliance or enforcement action, if available.

- Court Orders
- Environmental Quality Commission (EQC) Orders - Other Department Orders
- Mutual Agreements and Orders (MAO)
- EQC rules requiring elimination of a specific water quality problem
- Noncompliance with the Department's statutes, rules or water quality standards
- An approved TMDL
- Stormwater Management Plan
- Existing potential water quality problem otherwise noted by the Department
- Documented health hazards with associated documented water quality problem
- Documented health hazards without documented water quality problem
- Other (describe):

**28. Explain how this project satisfies the enforcement action or resolves noncompliance.**

**29. Will this project ensure that an existing water quality related activity, currently in compliance, will remain in compliance?**  Yes  No

If yes, explain the existing circumstances and how this project will support ongoing compliance.

Over how long of a time period will this activity reasonably extend and maintain compliance for this activity?

 years

**30. Will the project improve or maintain aquatic habitat supporting state and/or federal threatened or endangered aquatic species?**  Yes  No

If yes, describe how this program will impact such habitat.

*(Indicate which species and habitat will be impacted. Indicate the value of this habitat to the species. Indicate how effective this project will be in improving or sustaining this habitat.)*

**31. Does this project incorporate a wastewater reuse process or water quality related conservation process?**  Yes  No

If yes, describe the process in detail.

If incorporating wastewater reuse, indicate the percent of effluent flow being reused.

Will this project include diverting biosolids for reuse?  Yes  No

Why is wastewater reuse being proposed?

**32. Does this project support the implementation of:**

(1) A TMDL through a Water Quality Implementation Plan?  Yes  No

(2) A Groundwater Management Area through a Groundwater Management Area Action Plan?  Yes  No

If yes, explain in detail how this project supports such implementation.

**33. Does the project address water quality standards or public health issues related to Persistent Bioaccumulative Toxics (PBTs)?** *(see Appendix C for information on PBTs)*  Yes  No

If yes, as a separate attachment, list the related PBTs and briefly describe how this project will mitigate the impact of each PBT. **(Attachment G)**.

**34. If the proposed project is not implemented at this time, are water quality standards likely to be exceeded, or are existing exceedances of the standards likely to worsen?**  Yes  No

If yes, describe why.

Give a best estimate of when WQ standards will be exceeded or are likely to worsen:

- 1-3 years     3-5 years     more than 5 years

**35. If the proposed project is not implemented at this time, is the resulting impact likely to cause a public health problem?**  Yes  No

If yes, describe how and to what extent the impact will cause a public health problem.

**36. If you do not proceed with this project now, will this same opportunity be available in the future?**  Yes  No

If no, explain what factors currently allow this project, but may not be available in the future (These might include necessary land being available, time sensitive construction work or other financial considerations that require the project to be implemented now).

**EDUCATION, INVOLVEMENT, AND TECHNOLOGY**

**37. Describe in detail any educational or outreach components incorporated into the project.**

**38. Will the project use innovative technologies?**

Yes  No

If yes, please describe those technologies and why they are innovative.

**39. Will the innovative technology incorporated within this project be transferable to other communities?**

Yes  No

If yes, explain that transferability and the types of communities who might also benefit from this technology.

**40. Are other organizations assisting with this proposed project?**

Yes  No

Does the project include supplemental funding from a non-public source?

If yes, explain.

Does the project include some other non-financial support?

If yes, explain.

**41. What type of monitoring, reporting or adaptive management is incorporated within this project? Please describe.**

*(Include only additional monitoring of water quality improvements beyond what is required by existing regulations.)*

42. Does the project address risk management or include tangible security/safety measures?

Yes  No

If yes, describe.

**GREEN PROJECT**

Additional information pertaining to Questions 43-46 can be reviewed in the document, [Green Project Reserve Eligibility Guidance](#)

43. Does the proposed project improve water efficiency?

Yes  No

If so, describe.

What is the estimated cost of the water efficiency improvement portion of the total project?

44. Does the proposed project improve energy efficiency?

Yes  No

If so, describe.

What is the estimated cost of the energy efficiency improvement portion of the total project?

45. **Does the proposed project build green infrastructure?**  Yes  No  
 If so, describe.

What is the estimated cost of the green infrastructure portion of the total project?

46. **Does the proposed project use environmentally innovative technology?**  Yes  No  
 If so, describe.

What is the estimated cost of the environmentally innovative technology portion of the total project?

**PROGRAM SCHEDULE AND BUDGETING**

**47. Project Schedule:**

Estimated design start date:

Estimated construction start date:

Estimated project completion date:

Estimated initiation of operations date:

**48. Project Costs and Funding:**

TABLE A. PROJECT BUDGET		
	Total Project Budget	CWSRF Loan Funded Costs
Administration and Legal		
Contingency		
Preliminary Expense		
CWSRF-Eligible Land and Right of Way Expense		
CWSRF-Ineligible Land		
Basic Engineering		
Other Engineering		
Project Inspection		
Construction		
Other:		
<b>Total Costs</b>		

<b>TABLE B. FUNDING SOURCES</b>	
	FUNDING
DEQ Clean Water State Revolving Fund (CWSRF) Loan	
IFA Community Development Block Grant (CDBG)	
IFA Special Public Works Grant and/or Loan	
IFA Water/Wastewater Grant and/or Loan	
USDA/Rural Development (RD) Grant and/or Loan	
General Obligation Bonds	
Revenue Bonds	
Local Funds (note source of funds):	
In-Kind Assistance	
Other:	
<b>Total Funding:</b>	

**49. Estimated CWSRF Loan Disbursement Schedule**

Date	Amount	Date	Amount
1/1/12 – 3/31/12		10/1/13 – 12/31/13	
4/1/12 – 6/30/12		1/1/14 – 3/31/14	
7/1/12 – 9/30/12		4/1/14 – 6/30/14	
10/1/12 – 12/31/12		7/1/14 – 9/30/14	
1/1/13 – 3/31/13		10/1/14 – 12/31/14	
4/1/13 – 6/30/13		1/12/15 – and later	
7/1/13 – 9/30/13		TOTAL LOAN	

**50. Existing Sewer-Related Debt Service (before CWSRF project funding):**

	Current Balance	Interest Rate	Year Issued	Term (Yrs)	Annual Payment	Bond Rating
General Obligation Bonds						
Sewer Revenue Bonds						
Other Debt						

**51. Loan Structure:**

- Revenue-Secured Loan - Coverage Factor and Reserve Pair
- Debt Service Coverage Factor:  Loan Reserve Percentage:
- General Obligations (GO) Bonds - Date of Voter Approval:
- Rated Revenue Bonds
- Alternative Loan
- Discretionary Loan

**52. Service Area Data**

Public agency's population:   
Number of Equivalent Dwelling Units (EDUs):

Population served by the current system?

Population served by the proposed project?

**53. Sewer Systems Costs, Revenues, and Residential Rates**

Before Project (current situation - most recent year data available)

Sewer System Expense: \$

Sewer System Revenues:  
Residential: \$

# connections:  average monthly rate: \$

Non-Residential: \$   
# connections:

Project Completion (projected)

Sewer System Expense: \$

Sewer System Revenues:  
Residential: \$

# connections:  average monthly rate: \$

Non-Residential: \$   
# connections:

## SUPPORTING DOCUMENTS AND CERTIFICATION

### Exhibits

There are a number of supporting documents that, when applicable, are required to be submitted to DEQ along with the CWSRF Application in order for the project to be considered for a loan. These documents will have to be submitted prior to receiving loan approval. They may include:

- Audited financial statements
- Current copy of approved budget
- A sewer use ordinance
- Documentation of a user charge system
- Plans and specifications
- Inter-agency agreement
- An approved planning document
- Environmental review document
- A land use compatibility statement
- Pre-award compliance report
- Value engineering study

Additional supporting documents may be required. Consult the “**Checklist of Requirements for Planning Projects**” for a complete list of required documents. Applicants should realize many of the documents require reasonable preparation time to complete and it is strongly recommended that applicants discuss these required documents early in the application process. For further information about these documents, contact your regional DEQ Project Officer (listed on the following page).

### Sponsorship Option

In addition to this application, if the applicant intends to apply to DEQ’s “Sponsorship Option” program, the following information needs to be completed and submitted to DEQ at the time of application:

- A description of the water resource activity being proposed (the sponsorship option [“fact sheet”](#) identifies the various aspects of the water resource activity that need to be addressed in this description).
- A letter from the applicant confirming the applicant has the legal authority to implement the water resource activity within the identified waterbody.
- A copy of the agreement between the applicant and an office implementing the water resource activity for the applicant (when a implementing partner is involved). DEQ does not provide a format for this agreement.

## Authorization

**The public agency or applicant certifies that:**

- Clean Water State Revolving Fund loan proceeds will only be used for the program described in this application.
- The public agency or applicant will comply with all applicable rules and laws.
- The public agency or applicant will obtain all applicable local, state, and federal permits, approvals, and licenses, and comply with their terms and conditions.
- The undersigned is duly authorized to request this loan on behalf of the public agency.
- The public agency or applicant declares under penalty of law that all facts given and information attached are true and correct.
- The public agency or applicant authorizes DEQ to verify all information.

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Authorized Signature

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Date

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Typed Name and Title

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LGIP Account Number (for processing loan disbursements)

**Return the completed application to your DEQ Project Officer:**

<b>Eastern Region</b>	<b>Shanna Bailey</b> (541) 278-8681 700 S.E. Emigrant, Suite 330 Pendleton, Oregon 97801
<b>Northwest Region</b>	<b>Tiffany Yelton-Bram</b> (503) 229-5219 2020 S.W. 4th Avenue, Suite 400 Portland, Oregon 97201-4987
<b>Western Region</b>	<b>Jaime Isaza</b> (541) 687-7341 165 East 7th Avenue, Suite 100 Eugene, Oregon 97401
	<b>Bob Haberman</b> (541) 687-7359 165 East 7th Avenue, Suite 100 Eugene, Oregon 97401

If you have other questions regarding the Clean Water State Revolving Fund program, please call:

Manette Simpson 503-229-5622  
Kim Carlson 503-229-6312  
Rick Watters 503-229-6814  
Larry McAllister 503-229-6412  
Fax: 503-229-6037

Clean Water State Revolving Fund (CWSRF) Program  
Water Quality Division  
Oregon Department of Environmental Quality  
811 S.W. Sixth Avenue  
Portland, OR 97204-1390

<http://www.deq.state.or.us/wq/loans/loans.htm>

## Appendix A



# U. S. Environmental Protection Agency Priority Pollutants

Key features of the list of priority pollutants and its relationship to the list of toxic pollutants:

1. The Priority Pollutants are a set of chemical pollutants EPA regulates, and for which EPA has published analytical test methods.
2. The Priority Pollutant list makes the list of toxic pollutants more usable, in a practical way, for the purposes assigned to EPA by the Clean Water Act. For example, the Priority Pollutant list is more practical for testing and for regulation in that chemicals are described by their individual chemical names. The list of toxic pollutants, in contrast, contains open-ended groups of pollutants, such as "chlorinated benzenes." That group contains hundreds of compounds; there is no test for the group as a whole, nor is it practical to regulate or test for all of these compounds.

Starting with the list of toxic pollutants, EPA used four criteria to select and prioritize specific pollutants:

1. We included all pollutants specifically named on the list of toxic pollutants;
2. There had to be a chemical standard available for the pollutant, so that testing for the pollutant could be performed;
3. The pollutant had to have been reported as found in water with a frequency of occurrence of at least 2.5%, and
4. The pollutant had to have been produced in significant quantities, as reported in Stanford Research Institute's 1976 Directory of Chemical Producers, USA.

### Number of Entries

Originally, there were 129. When three pollutants were removed from the list of toxic pollutants in 1981 they were also removed from the Priority Pollutant list.

1. Entry numbers 17, 49, and 50 were removed.
2. The last number on the list is still 129, although there are 126 entries.

[EPA Priority Pollutants](#)

## Appendix B

### Special Status Waterbody Categories for CWSRF Program

- A. Federally designated Wild and Scenic Rivers
- B. State Scenic Waterways
- C. Federally designated Sole Source Aquifers
- D. Lower Columbia River Estuary Partnership
- E. Tillamook Bay Estuary
- F. The subbasins of the Three Basin Rule
- G. Significant Wetlands and Riparian Areas identified and listed by local governments

**A. Federally Designated Wild and Scenic Rivers**

There are a number of Oregon Rivers or portions of rivers designated as Wild and Scenic. A listing of those rivers and a description of the specific, designated portions of those rivers is listed at:

<http://www.rivers.gov/>

**B. State Scenic Waterways**

The link below connects to Chapter 390 of the Oregon Revised Statutes and provides information related to Oregon's scenic waterways.

<http://www.leg.state.or.us/ors/390.html>

This second link provides additional information on Oregon Parks and Recreation Department's administration of Oregon's scenic waterways program.

<http://www.oregon.gov/OPRD/RULES/waterways.shtml>

**C. Federally designated Sole Source Aquifers (Oregon Administrative Rule 340-071-0400(2))**

Oregon has only one designated sole source aquifer—the [North Florence Dunal Aquifer](#)

**D. Lower Columbia River Estuary Partnership (National Estuary Program)**

Additional information at the [Lower Columbia River Estuary Partnership](#) website.

**E. Tillamook Estuaries Partnership (National Estuary Program)**

Additional information on [Tillamook Bay National Estuaries Partnership](#) website.

To determine if a proposed project is located within, or will substantially impact the estuary, refer to this [GIS graphic](#).

**F. The Three Basin Rule: Clackamas, McKenzie (above river mile 15) and the North Santiam River Subbasins**

Additional information at [OAR 340-041-0350](#)

1. In order to preserve or improve the existing high quality water for municipal water supplies, recreation, and preservation of aquatic life, new or increased waste discharges must be prohibited, except as provided by this rule, to the waters of:

- (a) The Clackamas River Subbasin;
- (b) The McKenzie River Subbasin above the Hayden Bridge (river mile 15);
- (c) The North Santiam River Subbasin.

**G. Significant Wetlands and Riparian Corridors Identified and Listed by Local Governments**

Specifically, these include:

- 1. all significant wetlands adopted through a "Local Wetlands Inventory" and
- 2. any significant riparian corridors designated for protection as defined within local comprehensive plans.

For more information, see OAR 660-023: [Significant wetlands and Riparian Corridors identified and listed by local governments](#)

## Appendix C



# U. S. Environmental Protection Agency Priority PBTs

## Persistent Bioaccumulative and Toxic (PBT) Pollutants

### The Challenge

Persistent, bioaccumulative, and toxic pollutants (PBTs) are highly toxic, long-lasting substances that can build up in the food chain to levels that are harmful to human and ecosystem health. They are associated with a range of adverse human health effects, including effects on the nervous system, reproductive and developmental problems, cancer, and genetic impacts. EPA's challenge in reducing risks from PBTs stems from the pollutant's ability to travel long distances, to transfer rather easily among air, water, and land, and to linger for generations in people and the environment.

EPA is committed to protecting children and women of child-bearing years from exposure of PBTs, and reducing the concentration of PBTs in our environment.

The populations at risk, especially to PBTs such as mercury, dioxins, and Polychlorinated Biphenyls (PCBs), are children and the developing fetus. EPA's challenge in reducing risks from PBTs stems from the pollutants' ability to travel long distances, to transfer rather easily among air, water, and land and to linger for generations in people and the environment.

The EPA's list of PBTs:

<http://www.epa.gov/pbt/pubs/cheminfo.htm>