

# Oregon Section 319 Nonpoint Source Implementation Grants

Request for Proposals and Application Information Fiscal Year 2021



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DEQ is a leader in restoring, maintaining and enhancing the quality of Oregon's air, land and water.



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# Section 319 Funds

The 2021 Nonpoint Source (NPS) Grant Program supports projects to reduce and mitigate the effects of nonpoint source pollutants - such as sediment, pesticides, and nutrients - to waters of the state. The funding source for this grant program is United States Environmental Protection Agency (U.S. EPA) Clean Water Act (CWA) section 319 grant (CWA 319 grant) to the State Nonpoint Source program. Execution of grant agreements is contingent on receipt of funds from U.S. EPA. In fiscal year 2021, the State anticipates receiving approximately \$240,000 from the CWA 319 grant for pass through project implementation.

## Watershed Based Plan strategy in Oregon

EPA requires a Watershed Based Plan (WBP) be prepared and approved prior to implementation of any on-the-ground project with CWA Section 319 Grant funds.

For the 2021 cycle, DEQ has reviewed and approved plans from a limited number of watersheds that meet the criteria. Areas eligible for grant funds are listed in Section B of this RFP.

It is anticipated that for future 319 funding, DEQ will add additional watersheds as WBP's are reviewed by DEQ and recommended for approval to EPA.

For reference, elements of a Watershed Based Plan include:

1. Identification of the causes and sources of pollution
2. Estimate of the pollutant load reductions expected from management strategies
3. Description of the nonpoint source management strategies that will need to be implemented to achieve load reductions and a description of the targeted critical areas
4. Estimate amounts of technical and financial assistance needed, associated costs, and/or the relevant authorities that will be relied upon to implement the plan
5. An information and education component
6. A schedule for implementing the nonpoint source management strategies
7. Description of the interim measurable milestones
8. Identification of a set of criteria or indicators to measure progress over time
9. A monitoring component.

## Alternative Watershed Plan addressing wildfire impacts to water resources

In addition, because of the widespread impacts of the 2020 wildfires the need for projects responding to urgent nonpoint source pollution emergencies or public health risks in areas for which a watershed based plan does not exist, an Alternative Watershed Plan (AWP) may be developed. An AWP must be submitted for review for any nonpoint source pollution control project that is proposed to be implemented within a 2020 wildfire perimeter that does not already have eligibility under an approved watershed based plan. The following minimum information constitute an AWP and must be included with a project proposal:

- I. Identification of the causes or sources of nonpoint source pollution impairment, water quality problem, or threat to water quality;
- II. Watershed project goal(s) and explanation of how the proposed project(s) will achieve or make advancements towards achieving water quality goals;
- III. Schedule and milestones to guide project implementation;
- IV. Water quality results monitoring component, including description of process and measures (e.g., water quality parameters, stream flow metrics, biological indicators) to gauge project success.

For the 2021 cycle, DEQ will review and EPA will approve Alternative Watershed Plans that meet the criteria. Project priorities and wildfire areas eligible for grant funds are listed in Section C of this RFP.

For additional guidance on developing an alternative plan or watershed-based plan, see EPA's Handbook for Developing Watershed Plans to restore and Protect Our Waters at:

<https://www.epa.gov/nps/handbook-developing-watershed-plans-restore-and-protect-our-waters>.

## Request for proposals

The Oregon 319 grant program for the 2021 fiscal year begins on **March 22<sup>nd</sup>, 2021** with the release of this RFP. We invite proposals submittals for the implementation of a WBP as referenced in the priorities outlined in Section B of this request for proposals.

**Proposals are due by 5 p.m., April 30<sup>th</sup>, 2021 (Refer to Section 8 for submittal requirements).** Proposals will be evaluated by Oregon Department of Environmental Quality (DEQ) staff to identify those projects that best address the State's NPS priorities (Section B).

Successful projects may commence in the Fall of 2021 after the award is received and §319 NPS agreement has been signed. A sample NPS Agreement is available for reference.

## 2021 Budget

Based on last year's budget, an estimate amount of \$240,000 will be available for all projects.

Please note that the Clean Water State Revolving Fund (CWSRF) might be more suitable for funding larger projects. You may review the CWSRF information on the web at <https://www.oregon.gov/deq/wq/cwsrf/pages/default.aspx>. CWSRF provides loans at a reduced interest rate for nonpoint source (NPS) projects (the contact person for the CWSRF program is listed in table 2).

# Section A: Proposal information

## 1. Who can apply?

The following governmental agencies and non-profit organizations are eligible to receive 319 Grants. Other groups may also apply for grant funding by collaborating with the following organizations:

- Oregon Municipalities (cities and countries)
- Non-profit Organizations
- Special Districts in Oregon, including Conservation Districts
- Watershed Councils / Associations
- State Agencies / Universities
- Regional Planning Commission
- Water Suppliers
- Tribal Nations

Grant funds may be used to sub-contract with private entities, such as environmental consulting or engineering firms, in order to complete portions of projects that are beyond the capacity of the grantee organization.

## 2. Eligible projects

DEQ will only accept work plans addressing the implementation of WBP and/or alternative plans for wildfire remediation strategies, as referenced in the priorities outlined in Section B. Proposals may either implement a portion of a plan, or a complete plan.

DEQ encourages projects that involve collaborative stakeholder partnerships to engage local governments, community-based organizations, state and federal agencies and/or tribal nations. Cooperative efforts not only help organizations to ensure effective funding coordination and adequate match from diverse sources, but also often yield the greatest water quality improvements.

In the past, DEQ has provided 319 funds to grantees to provide technical assistance and outreach services to effectively promote landowner installation of Best Management Practices (BMP). In addition, a grantee may choose to set up a cost-sharing program as an incentive to installation and promotion of BMPs. Recipients of 319 cost sharing must agree to properly operate and maintain the BMP for its intended purpose for the service life.

## 3. Ineligible projects

The following types of projects will not be considered for funding:

- Projects not addressing the criteria presented in Section B or Section C of this request for proposals;
- Projects that install management practices to meet MS4 permit requirements, with the exception of demonstration projects directly transferable to other communities;
- On-site wastewater treatment system projects for routine maintenance or repair of existing on-site (septic) systems;
- Routine replacement of culverts;
- Projects to specifically protect or replace failing infrastructure on U.S. Forest Service or Bureau of Land Management roads or lands.

# 4. Project requirements

The proposed project must meet the following requirements:

**A complete application.** A fillable application document is available as a separate document from this RFP.

**Section B Priorities.** The project must **address a priority as outlined in Section B.**

**Measurable Success.** The project proposal must include a discussion section with an emphasis on measurable environmental improvement.

### Non-Federal Match.

1. Proposals selected for funding must provide **at least 40%** of the total project cost (§319 funds requested plus minimum match) as match using non-federal funds and/or in-kind services (e.g., volunteer time and effort). Successful grant recipients must submit **documentation of the project match to DEQ, which meets the format and criteria provided with the final NPS Agreement.** Please provide the match funding information with your application in the fillable form provided for your use.

To calculate the minimum required match, *multiply the amount of §319 funds you are requesting for your project by 2/3.*

| For example, if the §319 contribution cost (grant request) to the proposed project is: | The minimum required match amount is calculated by multiplying the amount to be requested by 2/3 | Total cost of project would be: |
|--|--|---------------------------------|
| \$30,000   | \$20,000   | \$50,000                        |
| \$15,000   | \$10,000   | \$25,000                        |

2. Match expenditures must be reported with all invoices using the Nonpoint Source Grant Agreement Expenditures/Match Report form that will be provided (Exhibit B of NPS Agreement). If the match reported is less than 40% of the invoiced amount, a plan for when the 40% match requirement will be fulfilled must be provided. The plan must be approved by the DEQ Project Officer and Financial Services Manager or Designee.
3. Applicants are encouraged to investigate partnering opportunities with the Oregon Watershed Enhancement Board grant program: <https://www.oregon.gov/oweb/grants/Pages/grant-programs.aspx>

**Quality Assurance.** For those projects identified as involving environmentally related measurements or data generations, the grant recipient will need to develop and submit to DEQ the appropriate quality assurance / quality control documentation. The plan must be submitted to DEQ prior or within 60 days of signing a NPS grant agreement. Required documentation may include one or more of the following:

- Organization specific Quality Management Plan (QMP)
- Project specific Quality Assurance Project Plan
- Sampling and Analysis Plan
- Standard Operating Procedures (SOPs) or other quality related documents.

For information on the policies, objectives, principles, and responsibilities for implementation of the DEQ Quality Management System (QMS) described in DEQ's Quality Management Plan (QMP), contact a Quality assurance Officer at the DEQ Laboratory and Environmental Assessment Division (LEAD) at 503-693-5700, <http://www.oregon.gov/deq/wq/Pages/WQ-Monitoring-Resources.aspx>.

**Grant Agreement.** Successful grant Recipients must enter into an agreement with the State of Oregon to receive funds. A sample agreement is available for reference. It is important that the grant recipient reviews and agrees with the grant agreement requirement prior to executing it. The State of Oregon requires the following documentation for execution of 319 grant awards:

1. **Signed Grant Agreement** (contract), developed by DEQ
2. Grant recipients should confirm that their organization's **DUNS#** number is active if selected for funding.
3. **Federal Award Risk Analysis.** Sufficient information for DEQ to complete a Federal Award Risk Analysis.
4. **Indirect cost:**
  - i. If the applicant is awarded 319 funds, and the organization has a current indirect cost plan approved by their cognizant agency, the applicant needs to include that rate in the agreement's budget. Portions of this rate or all of it cannot be used as match.
  - ii. If the applicant is awarded 319 funds, but does not have an approved Indirect Cost Plan, the applicant on behalf of his/her organization needs to include up to 10% of the modified total direct costs (MTDC). This rate should be consistent with what the applicant has included in other grant applications.
5. A **complete description** of the proposed tasks. At the least, the tasks should include
  - i. What the proposed work consists of, goals and objectives
  - ii. Timeline of the implementation
  - iii. How much will it cost

**Funds Reimbursement.** 319 grant funds are distributed to recipients as reimbursement for documented incurred expenses according to the work plan included in the NPS Agreement as Exhibit A.

### Reporting.

- a. For those projects, targeting riparian restoration, grant recipients must enter completed project information, at completion of the project, in the **Oregon Watershed Restoration Inventory** <https://www.oregon.gov/oweb/data-reporting/Pages/owri.aspx>.
- b) For those projects, implementing best management practices targeting nutrients, sediment and dissolved oxygen loading reduction, an additional reporting of the **estimated loading reduction report** will be required at completion. Please refer to the template for estimating loading reductions.
- c) If part of the grant implementation involves hiring of a sub-contractor, Grant Recipients are required to make a **good faith effort to hire disadvantaged businesses**. A list of disadvantaged

business enterprises is available at the Oregon Business Development Department website identified in the following link:  
<https://oregon4biz.diversitysoftware.com/FrontEnd/VendorSearchPublic.asp> or on the [U.S. Small Business Administration site](#). For assistance, contact Ivan Camacho at 503-229-5088, or [camacho.ivan@deq.state.or.us](mailto:camacho.ivan@deq.state.or.us).

- d) **Annual progress reports** and a **final report** are required. Progress reports provide an opportunity for grantees to share information regarding progress toward meeting performance targets and enable DEQ staff to offer assistance in meeting those targets.

## 5. Evaluation criteria

DEQ staff will evaluate Proposals. Reviewers will be looking for the following:

- Project addressing a watershed based planning priority as outlined in Section B or wildfire impact as outlined in Section C
- Potential for project to achieve measurable results, and a reasonable implementation timeline
- A clear and concise environmental outcome statement
- Partnering with other stakeholders

## 6. How do I apply?

Your application should consist of the following:

1. Filled application form [Section B: Oregon Section 319 Proposal Form 2021 Grant Cycle](#)
2. Filled [2021 Fillable Match Sources Form](#)

Both documents are provided as fillable forms

In addition to this 2021 Oregon 319 Request For Proposal, supporting documents for the applicant include:

1. A sample NPS Agreement
2. A sample Load Allocation Estimates report form

If your file is too large to be sent electronically, please provide electronic files in a CD.

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## 7. Timetable for 319 NPS Grants

Table 1. Process and dates for 2021 319 Grant Program

| Process  | Time Frame       |
|--|------------------|
| Request for Proposals released                             | March 22, 2021   |
| Deadline for submission of proposals                       | April 30, 2021   |
| Input provided to applicants on the status of applications | May 24, 2021     |
| Recommendations for funding made to EPA, by *              | June 21, 2021    |
| Signature process and approval                             | To be determined |
| Project may begin. **                                      | Fall 2021        |

\* Recommendation of work plan to be included in NPS agreement depends on availability of federal 319(h) funds. Federal §319 budget is dependent on Congress's release of funds to EPA and is beyond DEQ's control. Continued budget reduction is likely due to EPA/NOAA disapproval of Oregon's Coastal Nonpoint Pollution Control Program.

\*\* If an Applicant has not submitted necessary documentation to develop the NPS agreement, this process may be delayed.

## 8. For more information

For information and assistance regarding grant applications, please contact Ivan Camacho at 503-229-5088 or refer to the DEQ staff contact information for regional staff contacts.

**Table 2. DEQ staff contact information**

| Region                   | Basin or Management Program Area   | Staff                        | Phone #                      |
|--------------------------|--|------------------------------|------------------------------|
| Eastern                  | John Day River Basin   | Olivia Stoken                | 541-714-0035                 |
|                          | Lower Grande Ronde   |                              |                              |
|                          | Malheur River Basin  |                              |                              |
|                          | Miles Creeks Basin   |                              |                              |
|                          | Umatilla River Basin   |                              |                              |
|                          | Upper Klamath Lake Basin   |                              |                              |
|                          | Walla Walla River Basin  |                              |                              |
|                          | Western Hood River Basin   |                              |                              |
| Willow Creek River Basin |  |                              |                              |
| Northwest                | Clackamas & Sandy, Molalla-Pudding   | Andrea Matzke                | 503 229-6254                 |
|                          | Tillamook & North Coast  | Roxy Nayar                   | 503 229-6414                 |
|                          | Tualatin   | Andrea Matzke                | 503 229-5350                 |
|                          | Lower Willamette   | Andrea Matzke                | 503 229-5350                 |
| Statewide                | Drinking Water Source Protection   | Julie Harvey<br>Jacquie Fern | 503 229-5664<br>541 686-7898 |
|                          | Monitoring, Quality Assurance  | Nick Haxton                  | 503 693-5737                 |
|                          | NPS Education  | Ivan Camacho                 | 503 229-5088                 |
|                          | Erosion Threat Assessment and Reduction Team, ETART  | Josh Seeds                   | 503 229-5081                 |
|                          | Riparian Forest Restoration  |                              |                              |
|                          | Clean Water State Revolving Fund   | Lee Ann Lawrence             | 503 229-5622                 |
|                          | Pesticide Stewardship Program  | Kevin Masterson              | 541 633-2005.                |
|                          | NWQI   | Gene Foster                  | 503-229-5325                 |
| Western                  | Drinking Water Source Protection   | Jacquie Fern                 | 541 686-7898                 |
|                          | Umpqua   | Heather Tugaw                | 541 776-6091                 |
|                          | Mid-Coast  | David Waltz                  | 541 687-7345                 |
|                          | Rogue Basin  | Bill Meyers                  | 541 776-6272                 |
|                          | South Coast  | Kendra Girard                | 541 269-2721<br>x229         |
|                          | Mid-Willamette North Santiam, Pudding, Yamhill   | Nancy Gramlich               | 503 378-5073                 |
|                          | Upper-Willamette – S. Santiam, Coast Fork, McKenzie, Middle Fork; Southern Willamette Valley Groundwater Management Area | Priscilla Woolverton         | 541 687-7347                 |

# Section B: Eligible Watersheds Where WBPs are in place

DEQ will only accept work plans addressing the implementation of Watershed-Based Plans, as referenced in the priorities outlined below or an Alternative Watershed Plan as outlined in Section C. Proposals may either implement a portion of a plan, or a complete plan. All projects are designed to implement Best Management Practices (BMPs) in a manner that leads to significant reduction in the nonpoint source pollutant load to a waterbody.

## Eastern Region Project Priorities

Table B-1

| Watershed Name (HUC)  | Pollutant             | Eligible Project Areas                                       | Project Need  |
|---|-----------------------|--|---|
| John Day River Basin (170702)   | Bacteria, Temperature | Entire watershed   | <p>Projects that address temperature and/or bacteria impairment:<br/>           Target projects that would: work toward greater community awareness of nonpoint source pollution issues, provide riparian buffer protection and restoration, and reduce heat and bacteria pollution.<br/>           Agriculture practices that reduce erosion, runoff, riparian degradation, and bacteria and nutrient loading.<br/>           Implementation of efforts identified in the Water Quality Management Plans (WQMP).<br/>           Support other water quality-related work in the area (ie: agricultural strategic implementation area project work, place-based planning efforts, habitat restoration efforts, water quality, groundwater protection, drinking water protection and/or implementation monitoring.</p> <p>TMDL/WQMP implementation activities including public outreach and education about water quality issues, planning, code/ordinance review, particularly targeting development of and protection of riparian buffers, increasing instream flow, erosion control, large wood placement, and channel restoration.</p> |
| Imnaha Subbasin (17060102)<br><br>Lower Grande Ronde Subbasin (17060106)<br><br>Wallowa Subbasin (17060105) | Temperature           | Private agricultural lands and within the City of Enterprise | <p>Projects that address temperature impairment:<br/>           Target projects that would: work toward greater community awareness of nonpoint source pollution issues, provide riparian buffer protection and restoration, and reduce heat pollution.<br/>           Agriculture practices that reduce erosion, runoff, riparian degradation, and heat loading.<br/>           Implementation of efforts identified in the Water Quality Management Plans (WQMP).<br/>           Support other water quality-related work in the area (ie: agricultural strategic implementation area project work, place-based planning efforts, habitat restoration efforts, water quality, groundwater protection, drinking water protection and/or implementation monitoring.</p> <p>TMDL/WQMP implementation activities including public outreach and education about water quality issues, planning, code/ordinance review, particularly targeting development of and protection of riparian buffers, increasing instream flow, erosion control, large wood placement, and channel restoration.</p>   |

| Watershed Name (HUC)  | Pollutant                     | Eligible Project Areas     | Project Need   |
|---|-------------------------------|----------------------------|--|
|   |                               |                            | Projects to evaluate the status of TMDLs or approved watershed-based plan objectives.  |
| Bully Creek Subbasin (17050118)<br><br>Lower Malheur Subbasin (17050117)<br><br>Middle Snake-Payette Subbasin (17050115)<br>Upper Malheur Subbasin (17050116)<br><br>Willow Creek Subbasin (17050119) | Total Phosphorus              | Private agricultural lands | <p>Projects that address temperature, nutrients, and/or bacteria impairment:</p> <p>Target projects that would: work toward greater community awareness of nonpoint source pollution issues, provide riparian buffer protection and restoration, and reduce heat, nutrient, and bacteria pollution. Agriculture practices that reduce erosion, runoff, riparian degradation, and bacteria and nutrient loading. Implementation of efforts identified in the Water Quality Management Plans (WQMP).</p> <p>Support other water quality-related work in the area (ie: agricultural strategic implementation area project work, place-based planning efforts, habitat restoration efforts, water quality, groundwater protection, drinking water protection and/or implementation monitoring.</p> <p>TMDL/WQMP implementation activities including public outreach and education about water quality issues, planning, code/ordinance review, particularly targeting development of and protection of riparian buffers, increasing instream flow, erosion control, large wood placement, and channel restoration.</p>   |
| Umatilla Subbasin (17070103)  | Temperature                   | Entire watershed           | <p>Projects that address temperature impairment:</p> <p>Target projects that would: work toward greater community awareness of nonpoint source pollution issues, provide riparian buffer protection and restoration, and reduce heat pollution. Agriculture practices that reduce erosion, runoff, riparian degradation, and heat loading. Implementation of efforts identified in the Water Quality Management Plans (WQMP).</p> <p>Support other water quality-related work in the area (ie: agricultural strategic implementation area project work, place-based planning efforts, habitat restoration efforts, water quality, groundwater protection, drinking water protection and/or implementation monitoring.</p> <p>TMDL/WQMP implementation activities including public outreach and education about water quality issues, planning, code/ordinance review, particularly targeting development of and protection of riparian buffers, increasing instream flow, erosion control, large wood placement, and channel restoration.</p> <p>Projects to evaluate the status of TMDLs or approved watershed-based plan objectives. Project activities may include: analysis of water quality status and trends in relation to management practice implementation and/or status of meeting TMDL or watershed-based plan milestones.</p> |
| Sprague River Subbasin (18010202)<br><br>Williamson River Subbasin (18010201)   | Temperature, Total Phosphorus | Private agricultural lands | <p>Projects that address temperature, nutrients, and/or bacteria impairment:</p> <p>Target projects that would: work toward greater community awareness of nonpoint source pollution</p>   |

| Watershed Name (HUC)                   | Pollutant        | Eligible Project Areas     | Project Need   |
|--|------------------|----------------------------|--|
| Upper Klamath Lake Subbasin (18010203) | Total Phosphorus | Private agricultural lands | <p>issues, provide riparian buffer protection and restoration, and reduce heat, nutrient, and bacteria pollution. Agriculture practices that reduce erosion, runoff, riparian degradation, and bacteria and nutrient loading. Implementation of efforts identified in the Water Quality Management Plans (WQMP). Support other water quality-related work in the area (ie: agricultural strategic implementation area project work, place-based planning efforts, habitat restoration efforts, water quality, groundwater protection, drinking water protection and/or implementation monitoring.</p> <p>TMDL/WQMP implementation activities including public outreach and education about water quality issues, planning, code/ordinance review, particularly targeting development of and protection of riparian buffers, increasing instream flow, erosion control, large wood placement, and channel restoration.</p> <p>Projects to evaluate the status of TMDLs or approved watershed-based plan objectives. Project activities may include: analysis of water quality status and trends in relation to management practice implementation and/or status of meeting TMDL or watershed-based plan milestones.</p>   |
| Walla Walla Subbasin (17070102)        | Temperature      | Entire watershed           | <p>Projects that address temperature impairment: Target projects that would: work toward greater community awareness of nonpoint source pollution issues, provide riparian buffer protection and restoration, and reduce heat pollution. Agriculture practices that reduce erosion, runoff, riparian degradation, and heat loading. Implementation of efforts identified in the Water Quality Management Plans (WQMP). Support other water quality-related work in the area (ie: agricultural strategic implementation area project work, place-based planning efforts, habitat restoration efforts, water quality, groundwater protection, drinking water protection and/or implementation monitoring.</p> <p>TMDL/WQMP implementation activities including public outreach and education about water quality issues, planning, code/ordinance review, particularly targeting development of and protection of riparian buffers, increasing instream flow, erosion control, large wood placement, and channel restoration.</p> <p>Projects to evaluate the status of TMDLs or approved watershed-based plan objectives. Project activities may include: analysis of water quality status and trends in relation to management practice implementation and/or status of meeting TMDL or watershed-based plan milestones.</p> |
| Eightmile Creek Watershed (1707010502) | Temperature      | Private agricultural lands | <p>Projects that address temperature impairment: Target projects that would: work toward greater community awareness of nonpoint source pollution issues, provide riparian buffer protection and restoration, and reduce heat pollution.</p>   |

| Watershed Name (HUC)  | Pollutant   | Eligible Project Areas                                   | Project Need  |
|---|-------------|--|---|
| <p>Fifteenmile Creek Watershed (1707010503)</p> <p>Mill Creek-Columbia River Watershed (1707010504)</p> <p>Mosier Creek-Columbia River Watershed (1707010511)</p>   |             |  | <p>Agriculture practices that reduce erosion, runoff, riparian degradation, and heat loading.</p> <p>Implementation of efforts identified in the Water Quality Management Plans (WQMP).</p> <p>Support other water quality-related work in the area (ie: agricultural strategic implementation area project work, place-based planning efforts, habitat restoration efforts, water quality, groundwater protection, drinking water protection and/or implementation monitoring).</p> <p>TMDL/WQMP implementation activities including public outreach and education about water quality issues, planning, code/ordinance review, particularly targeting development of and protection of riparian buffers, increasing instream flow, erosion control, large wood placement, and channel restoration.</p> <p>Projects to evaluate the status of TMDLs or approved watershed-based plan objectives. Project activities may include: analysis of water quality status and trends in relation to management practice implementation and/or status of meeting TMDL or watershed-based plan milestones.</p> |
| <p>Eagle Creek – Columbia River Watershed (1707010512)</p> <p>East Fork Hood River Watershed (1707010505)</p> <p>Hood River Watershed (1707010507)</p> <p>Mosier Creek – Columbia River Watershed (1707010511)</p> <p>West Fork Hood River Watershed (1707010506)</p> | Temperature | Entire watershed   | <p>Projects that address temperature impairment:</p> <p>Target projects that would: work toward greater community awareness of nonpoint source pollution issues, provide riparian buffer protection and restoration, and reduce heat pollution.</p> <p>Agriculture practices that reduce erosion, runoff, riparian degradation, and heat loading.</p> <p>Implementation of efforts identified in the Water Quality Management Plans (WQMP).</p> <p>Support other water quality-related work in the area (ie: agricultural strategic implementation area project work, place-based planning efforts, habitat restoration efforts, water quality, groundwater protection, drinking water protection and/or implementation monitoring).</p> <p>TMDL/WQMP implementation activities including public outreach and education about water quality issues, planning, code/ordinance review, particularly targeting development of and protection of riparian buffers, increasing instream flow, erosion control, large wood placement, and channel restoration.</p>  |
| Willow Creek Subbasin (17070104)  | Temperature | Private agricultural lands and in Willow Creek Reservoir | <p>Projects that address temperature impairment:</p> <p>Target projects that would: work toward greater community awareness of nonpoint source pollution issues, provide riparian buffer protection and restoration, and reduce heat pollution.</p> <p>Agriculture practices that reduce erosion, runoff, riparian degradation, and heat loading.</p> <p>Implementation of efforts identified in the Water Quality Management Plans (WQMP).</p> <p>Support other water quality-related work in the area (ie: agricultural strategic implementation area project work, place-based planning efforts, habitat restoration efforts, water quality, groundwater protection, drinking water protection and/or implementation monitoring).</p>  |

| Watershed Name (HUC) | Pollutant | Eligible Project Areas | Project Need   |
|----------------------|-----------|------------------------|--|
|                      |           |                        | <p>TMDL/WQMP implementation activities including public outreach and education about water quality issues, planning, code/ordinance review, particularly targeting development of and protection of riparian buffers, increasing instream flow, erosion control, large wood placement, and channel restoration.</p> <p>Projects to evaluate the status of TMDLs or approved watershed-based plan objectives. Project activities may include: analysis of water quality status and trends in relation to management practice implementation and/or status of meeting TMDL or watershed-based plan milestones.</p> |

## Western Region Project Priorities

Table B-2

| Watershed Name (HUC)  | Pollutant/Parameter  | Eligible Project Areas  | Project Need, Eligible Implementation Funding Activities Include   |
|---|--|---|--|
| Little Butte Creek Watershed (1710030708)   | Bacteria   | Entire watershed  | <p>Implementation of efforts identified in Water Quality Implementation Plans, Water Quality Management Plans, and Agriculture Watershed Management Plans.</p> <p>Agricultural practices that improve manure management, and practices that reduce erosion, runoff, and riparian degradation</p> |
| Butte Creek-Pudding River Watershed (1709000902)<br>Rock Creek Watershed (1709000903)<br>Senecal Creek-Pudding River Watershed (1709000905)<br>Upper Little Pudding River Subwatershed (170900090108)<br>Lower Little Pudding River Subwatershed (170900090109)<br>Howell Prairie Creek-Pudding River Subwatershed (170900090110) | Dichlorodiphenyltrichloroethane (DDT), Dieldrin, Chlordane, and Total Suspended Solids | City of Aurora, City of Gervias, City of Hubbard, City of Mt Angel, City of Salem, City of Scott Mills, City of Silverton, City of Woodburn, Oregon Parks and Recreation Areas, private agricultural lands, private forest land, and all unincorporated non-federal lands in Marion County. | Implementation of efforts identified in water quality implementation plans or water quality management plan.   |
| McKenzie Subbasin (17090004)  | Temperature  | Entire watershed  | Implementation of efforts identified in water quality implementation plans or water quality management plan.   |
| North Santiam Subbasin (17090005)   | Temperature  | Entire watershed  | Implementation of efforts identified in water quality implementation plans or water quality management plan.   |
| Southern Willamette Valley Ground Water Management Area<br><br>Marys River Watershed (1709000305)<br><br>Muddy Creek Watershed (1709000302)   | Nitrate  | Southern Willamette Valley Ground Water Management Area   | Implementation of efforts identified in the Southern Willamette Valley GWMA Action Plan that will reduce nitrate and other pollutant loading to groundwater.   |
| Tenmile Creek-Frontal Pacific Ocean Tenmile Lakes Watershed (1710030404)  | Sediment, Total Phosphorus   | Entire watershed  | <p>Implementation of efforts identified in Water Quality Implementation Plans (WQIP) or Water Quality Management Plans (WQMP).</p> <p>TMDL implementation activities, including code/ordinance review, particularly targeting post construction storm water</p>                                  |

| Watershed Name (HUC) | Pollutant/Parameter | Eligible Project Areas | Project Need, Eligible Implementation Funding Activities Include  |
|----------------------|---------------------|------------------------|---|
|                      |                     |                        | <p>management and riparian buffers.</p> <p>Agriculture practices that reduce erosion, runoff, riparian degradation.</p> <p>Targeted projects that would: lead to reductions in sediment and nutrient load reductions, wetland acquisition, wetland protection and restoration, and riparian protection and restoration.</p> |

## Upper Willamette Project Priorities

Table B-3

| Watershed Name (HUC)                  | Parameter               | Applicable Watershed Planning Documents  | Project Need  |
|---------------------------------------|-------------------------|--|---|
| Long Tom River Watershed (1709000301) | Elevated bacteria loads | <p>City of Eugene, Oregon: NPDES Storm Water Monitoring Plan</p> <p>City of Eugene, Oregon: Total Daily Maximum (TMDL) Implementation Plan</p> <p>Long Tom Watershed Council: Conservation Strategy</p> <p>Lane County, Oregon: Total Daily Maximum (TMDL) Implementation Plan</p> <p>Middle Willamette Agricultural Water Quality Management Area Plan</p> <p>Upper Willamette and Upper Siuslaw Agricultural Water Quality Management Area Plan</p> <p>Willamette Basin Total Maximum Daily Load and Water Quality Management Plan</p> <p>Upper Willamette River Conservation and Recovery Plan for Chinook Salmon and Steelhead</p> <p>Other relevant Watershed Based Plans</p> | <p>Implementation of efforts identified in water quality implementation plans or water quality management plans.</p> <p>TMDL implementation planning and implementation, particularly targeting stormwater management and riparian buffers.</p> <p>Agricultural practices that improve manure management, and practices that reduce erosion, runoff, and riparian degradation.</p> <p>Analysis of water quality status and trends to assess effectiveness of implementation actions</p> <p><b>Examples:</b><br/>Stormwater treatment or other projects that address runoff, sediment and erosion, bacteria impairments.</p> <p>Riparian projects with livestock exclusion fencing, off channel watering, manure management or other projects that address sources of bacteria.</p> <p>Analysis of water quality status and trends in relation to sequences of management practice implementation.</p> |

## Northwest Region Project Priorities:

Table B-4

| Watershed Name (HUC)  | Pollutant                    | Eligible Project Areas  | Project Need   |
|---|------------------------------|---|--|
| <p>Lower Johnson Creek Watershed (170900120103)</p> <p>Upper Johnson Creek Watershed (170900120101)</p> | <p>Temperature</p>           | <p>Private agricultural lands and within the City of Portland and City of Gresham</p> | <p>Identification, summarization, and evaluation of implemented or planned management practices</p> <p>Analysis of water quality status and trends to assess effectiveness of implementation actions</p> <p>Compile and format continuous temperature data for submission to DEQ's AWQMS database.</p> <p>Restoration projects that address temperature impairments:</p> <p><b>Examples:</b></p> <ul style="list-style-type: none"> <li>• Riparian and in-channel restoration (e.g. native planting, erosion control, large wood placement)</li> <li>• Riparian projects with livestock exclusion fencing or off channel watering applications, or removal and/or better management of inline ponds</li> </ul>   |
| <p>Nehalem River Subbasin (17100202)</p> <p>Wilson / Trask / Nestucca Subbasin (17100203)</p>           | <p>Bacteria, Temperature</p> | <p>Entire watershed</p>   | <p>Identification, summarization, and evaluation of implemented or planned management practices</p> <p>Analysis of water quality status and trends to assess effectiveness of implementation actions</p> <p>Compile and format continuous temperature data for submission to DEQ's AWQMS database.</p> <p>Restoration projects due to wildfire impacts</p> <p>Projects that address temperature and/or bacteria impairments:</p> <p><b>Examples:</b></p> <ul style="list-style-type: none"> <li>• Riparian and in-channel restoration (e.g. native planting, erosion control, large wood placement)</li> <li>• Riparian projects with livestock exclusion fencing or off channel watering applications, or removal of inline ponds</li> <li>• Storm water or other projects that address bacteria impairments</li> <li>• Projects within drinking water source areas that address temperature and/or bacteria impairments and are documented in DEQ/OHA Source Water Assessments or public drinking Water Protection Plans.</li> </ul> <p>Public drinking water source areas (see <a href="http://www.oregon.gov/deq/wq/programs/Pages/DWP-Maps.aspx">http://www.oregon.gov/deq/wq/programs/Pages/DWP-Maps.aspx</a> for locations)</p> |

## Statewide Project Priorities:

Table B-5

| Watershed Name (HUC)   | Pollutant                              | Project Need  |
|--|--|---|
| All watersheds with a Temperature focus identified in Table B-1 through Table B-3. | Temperature                            | <p><i>Assessment methods for monitoring the status and trends of riparian condition and effective shade on a consistent and cost effective basis</i></p> <p><b>Examples:</b></p> <ul style="list-style-type: none"> <li>• Develop statewide map of riparian canopy cover.</li> <li>• Develop statewide map of riparian vegetation height.</li> <li>• Develop statewide map of riparian vegetation composition.</li> <li>• Quantify the relationship between riparian condition and effective shade.</li> <li>• Remote sensing analysis of riparian condition change.</li> <li>• Collection of riparian condition field data.</li> </ul> |
| All watersheds identified in Table B-1 through Table B-3.                          | See Tables Table B-1 through Table B-3 | <p><i>Projects to evaluate the status of TMDLs or approved watershed based plan objectives.</i></p> <p><b>Examples:</b></p> <ul style="list-style-type: none"> <li>• Identification, summarization, and evaluation of implemented or planned management practices</li> <li>• Analysis of water quality status and trends in relation to sequences of management practice implementation</li> <li>• Assessment of the status of meeting TMDL or watershed based plan milestones</li> </ul> <p>Development of alternative monitoring and assessment</p>   |

# Section C: 2020 Wildfire Project Eligibility and Priorities

Eligible 2020 wildfire implementation funding activities must meet the following criteria:

1. Be located within any of the 2020 wildfire perimeters identified in Table C-1 and shown in maps located at <https://www.oregon.gov/oem/emops/Pages/RAPTOR.aspx>.
2. Address any of the of the following pollutant parameters:
  - section 303d listed parameters;
  - indicator parameters of wildfire impacts including dissolved oxygen, pH, conductivity, temperature, sedimentation, or turbidity);
  - conventional and potentially toxic pollutants associated with runoff from wildfire impacted landscapes.
3. Address natural resources recovery; impact assessment and other high priority recovery activities including any of the following:
  - Assessment of water quality conditions or landscape conditions (near-stream & areas at high risk for erosion, debris flow) in areas affected by wildfire;
  - Development of BMP projects (design, technical assistance, project, coordination) to address higher risk conditions that may impact beneficial uses;
  - Coordination with local, state and federal partners in assessment and/or BMP project development;
  - Implementation of BMP projects designed to reduce pollutant load to impaired or affected waterbodies.
  - Projects in areas contributing to or within designated drinking water source areas (DWSAs) will be prioritized.

Projects may also consider:

- Forest Service Burned Area Emergency Response (BAER) program
- Erosion Threat Assessment and Reduction Team (ETART) documents <https://www.oregon.gov/deq/wildfires/Documents/ETARTwqReportF.pdf>
- ODEQ - Public drinking water source area Wildfire Mapbook & Data
- Local assessments conducted post-wildfire
- Approved watershed based plans, or other alternative plans

Additional criteria and ranking factors include those in OWEB announcements.

**Table C-1. 2020 wildfires in Oregon. See map at <https://www.oregon.gov/oem/emops/Pages/RAPTOR.aspx>. Source NWCC.**

| Fire Name             | Fire Number    | Fire Code | Complex               | County                                    |
|-----------------------|----------------|-----------|-----------------------|---|
| Alameda Drive         | OR-711S-025921 | NKS4      |                       | Jackson                                   |
| Anderson Crossing     | OR-VAD-000154  | NFZ1      |                       | Malheur                                   |
| Archie Creek          | WA-SPD-000436  | NC67      |                       | Douglas                                   |
| Baldy                 | OR-VAD-000155  | NF1M      |                       | Malheur                                   |
| Beachie Creek         | OR-WIF-200299  | NFN5      |                       | Clackamas, Linn, Marion                   |
| Ben Young             | OR-982S-200196 | NAM5      |                       | Lake                                      |
| Brattain              | OR-FWF-200406  | NKK3      |                       | Lake                                      |
| Buckhorn Creek        | OR-952S-020139 | NDT0      |                       | Wheeler                                   |
| Burns Rd              | OR-581-581041  | NK7E      | North Cascade Complex | Clackamas                                 |
| Canyon Creek          | OR-BUD-002088  | NDV6      |                       | Harney                                    |
| Crane                 | OR-FWF-200345  | NFL7      |                       | Lake                                      |
| Doe Creek             | OR-FWF-200139  | EK2B      |                       | Klamath                                   |
| Dowty                 | OR-581-581041  | NK7E      | North Cascade Complex | Clackamas                                 |
| Dragon Rock           | OR-LAD-200254  | NB4A      |                       | Lake                                      |
| Echo Mountain Complex | OR-553S-553018 | NKT8      |                       | Lincoln                                   |
| Fir Mountain          | OR-954S-000514 | NC5D      |                       | Wasco, Hood River                         |
| French Creek          | OR-733S-000296 |           |                       | Douglas                                   |
| Frog 0657 RS          | OR-OCF-000657  | EK2G      |                       | Crook                                     |
| Green Ridge           | OR-DEF-000684  | NFU8      |                       | Jefferson                                 |
| Grizzly Creek         | OR-711S-000238 | NJ22      |                       | Jackson                                   |
| Hager Ridge           | OR-UMF-000891  | NGE5      | Meacham Complex       | Umatilla                                  |
| Hog Ridge 0739 PR     | OR-PRD-000739  | NF7L      |                       | Wheeler                                   |
| Holiday Farm          | OR-WIF-200430  | NKJ7      |                       | Lane, Linn                                |
| Horse                 | OR-UMF-000900  |           |                       | Umatilla                                  |
| Horseshoe Ridge       | OR-UMF-000896  |           | Meacham Complex       | Umatilla                                  |
| Indian Creek          | OR-VAD-000153  | NFH4      |                       | Malheur                                   |
| Krumbo                | OR-MAR-002055  | NA0F      |                       | Harney                                    |
| Laurel 0741 PR        | OR-PRD-00063   | NF88      |                       | Wheeler                                   |
| Leslie Gulch          | OR-VAD-000239  | NQL8      |                       | Malheur                                   |
| Lionshead             | OR-WSA-000077  | NFV7      |                       | Clackamas, Jefferson, Linn, Marion, Wasco |
| Little Mud Creek      | OR-BUD-002115  | NF59      |                       | Harney                                    |
| Marsh                 | OR-KLR-200138  | M479      |                       | Klamath                                   |
| Matlock               | OR-UMF-000530  | NB7J      |                       | Morrow                                    |
| Milepost 91           | OR-WSA-000045  | M89P      |                       | Wasco                                     |
| Mosier Creek          | OR-954S-000022 | NE2U      |                       | Wasco                                     |
| Mud Creek             | OR-BUD-002074  | NDN9      |                       | Harney                                    |
| Neals Hill            | OR-BUD-002079  | NDP1      |                       | Harney                                    |

| Fire Name            | Fire Number    | Fire Code | Complex                   | County    |
|----------------------|----------------|-----------|---------------------------|-----------|
| P515                 | OR-WSA-000075  | NFP1      |                           | Jefferson |
| Pine Creek 0480 RN   | OR-RFPN-000480 | NBP4      |                           | Jefferson |
| Putnam Springs       | OR-UMF-020264  | NGH7      |                           | Grant     |
| Ritter               | OR-952S-020354 | NL3S      |                           | Grant     |
| Riverside            | OR-MHF-000859  | NKP2      |                           | Clackamas |
| Rock Creek 0103 RN   | OR-PRD-000103  | M22U      |                           | Gilliam   |
| Rose Creek           | OR-VAD-000226  | NN63      |                           | Malheur   |
| Rosland Road 0429 NE | OR-DEF-000429  | M94G      |                           | Deschutes |
| Slater               | CA-KNF-007035  |           |                           | Josephine |
| Sodhouse             | OR-MAR-002006  | M0S<br>W  |                           | Harney    |
| South Obenchain      | OR-711S-026621 | NKT7      |                           | Jackson   |
| Steet Mountain       | OR-952S-020279 | NGA2      | Steet Mountain<br>Complex | Grant     |
| Sweet Creek MP 2     | OR-781S-000037 | NJB5      |                           | Lane      |
| Teller Flat 0281 OD  | OR-951S-000281 | M7JP      |                           | Jefferson |
| Thielsen             | OR-UPF-000441  | NKN6      |                           | Douglas   |
| Trout Creek          | OR-BUD-002108  | NFV6      |                           | Harney    |
| Two Four Two         | OR-981S-076521 | NKJ8      |                           | Klamath   |
| Unger Rd Fire        | OR-581-581041  | NK7E      | North Cascade<br>Complex  | Clackamas |
| War Canyon           | OR-952S-020144 | ND0R      |                           | Grant     |
| Whilhoit Rd          | OR-581         | NK7E      |                           | Clackamas |
| White River          | OR-MHF-000681  | EK2F      |                           | Wasco     |
| Wickiup              | OR-VAD-000189  | NKE4      |                           | Malheur   |
| Wildcat              | OR-BUD-002112  | NF1T      |                           | Malheur   |
| Worthington          | OR-711S-010221 |           |                           | Jackson   |