

Industrial Facility Management Engineer (Environmental Engineer 5)



Salary

\$96,144.00 - \$129,288.00 Annually

Location

Yakima County - Union Gap, WA

Job Type

Full Time - Permanent

Remote Employment

Flexible/Hybrid

Job Number

2026-WQ5156-04301

Department

Dept. of Ecology

Division

Water Quality

Opening Date

05/21/2026

Closing Date

Continuous

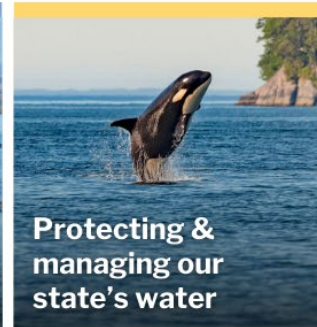
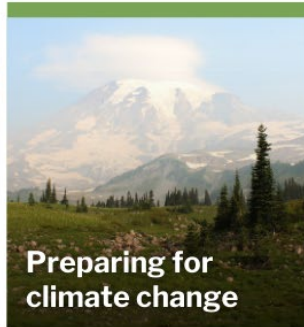
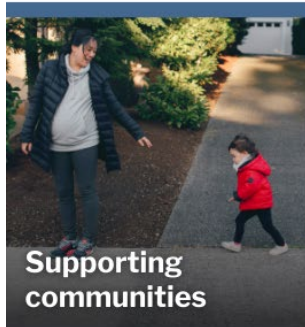
Salary Information

The high end of the salary range, Step M is typically a longevity step

- [Description](#)

- [Benefits](#)
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Description



Keeping Washington Clean and Evergreen

The Department of Ecology is hiring an **Industrial Facility Management Engineer (Environmental Engineer 5)** within the [Water Quality Program](#).

Location:

- Central Region Office in [Union Gap, WA](#).
- Upon hire, you must live within a commutable distance from the duty station.

Schedule:

- For the first month, this position will be required to work full-time in the office.
- After successfully completing onboarding and training, the position will then be eligible for a primarily telework schedule, with occasional in-person meetings and activities.
- Schedules are dependent upon position needs and are subject to change.

Application Timeline:

- **Apply by June 7, 2026**
- Applications submitted after the date above may be reviewed only if additional qualified applicants are needed.

Ecology is committed to Diversity, Equity, Inclusion, and Respect

Duties

As the Industrial Facility Management Engineer for the Central Regional Office (CRO) Water Quality Industrial Unit, you will be in the forefront of emerging engineering technical issues and trends associated with industrial wastewater treatment, reclaimed water, and permitting. You will assist in fulfilling the Water Quality Program's mission by providing engineering and regulatory oversight of industrial and municipal wastewater discharges to protect and preserve water quality in Washington state. You will use your expertise to represent the section statewide on current and emerging industrial stormwater, pretreatment, and wastewater trends and issues. Your expertise in professional engineering will support a rapidly growing Water Quality program and diverse industrial sector in the Central Region.

You will work closely with Central Region Office Water Quality Industrial staff, regulated entities, and the public to provide regulatory oversight of industrial wastewater discharges. Permits issued by the Industrial Unit are critical to protecting and maintaining water quality, supporting growth in our state, and keeping our communities healthy and thriving. You will

be a key partner in our collective efforts to protect public health, the waterways, and the environment in Washington state.

What you will do:

- As a registered professional engineer, negotiate and prepare wastewater discharge permits (State Waste Discharge & National Pollutant Discharge Elimination System) for industrial facilities.
- As a registered professional engineer, apply conventional engineering techniques and principles to the section's most complex projects or largest projects with complex features, including major permits with metal, milling, and mining activities and other industries with increased oversight from the public and third-party advocate groups, clean energy, data centers, and hydropower permitting.
- Derive permit conditions based on legal and technical requirements for discharges into state waters, utilizing mathematical models for mixing zones and consideration of the complex biological, chemical, and physical properties of the discharge and receiving environment.
- Represent the agency in technical negotiations with private parties and their engineering consultants to resolve complex environmental engineering issues involving regulatory interpretation and compliance; treatment technologies and the feasibility of their applications, permit limits, conditions, and applicability; and water quality investigations, pollutant sampling, documentation, data interpretation, and quality assurance.
- Collaborate with other Ecology engineers to interpret and, when necessary, revise internal and external engineering guidance materials.
- Conduct permit compliance inspections, prepare inspection reports, and communicate findings to facilities.
- Provide technical assistance to legal counsel with the Attorney General's Office on appeals of permits or enforcement actions and develop expert testimony and serve as an expert witness in court cases or issues under consideration of administrative hearings boards.

[Learn more about what it is like to be an Engineer at the Department of Ecology](#)



Qualifications

For detailed information on how we calculate experience and responses to other frequently asked questions, please visit our [Recruitment website](#).

Required Qualifications:

- Registration as a Professional Engineer in the state of Washington or another state based on registration requirements equivalent to those in Washington, **AND**
- Five (5) years of experience in environmental engineering.

Special Requirements/Conditions of Employment:

- Must possess and maintain a valid driver's license.
- Registration as a Professional Engineer in the State of Washington or another state, based on registration requirements equivalent to those in Washington, in good standing.

NOTE: Individuals who are licensed as professional engineers in another U.S. jurisdiction or foreign country and wish to apply for this position must qualify for licensure in Washington State by comity. Applicants are responsible for reviewing and ensuring they meet Washington's comity requirements before submitting application materials.

Licensing requirements can be found on the Washington State Board of Registration for Professional Engineers and Land Surveyors website: [How To Get Your Professional Engineer License When Licensed in Another Jurisdiction](#).

Desired Qualifications:

- Experience or training in developing and/or implementing National Pollutant Discharge Elimination System permits.
- Experience or training in wastewater and/or stormwater treatment, including reviewing or preparing engineering documents, and operation and maintenance manuals.
- Excellent oral and written communication skills (especially technical writing skills).

If you are excited about this role and meet the **required** qualifications, **we encourage you to apply**. Desired qualifications reflect additional knowledge, skills, or experience that are nice to have but not required. Studies have shown that some applicants, especially women and people of color, are less likely to apply unless they meet every listed qualification. At the Department of Ecology, we are dedicated to building a diverse and authentic workplace

centered in belonging, and we welcome applicants with varied backgrounds and unique perspectives.

Supplemental Information

Ecology does not use the **E-Verify** system; therefore, we are not eligible to extend STEM Optional Practical Training (OPT). For more information, please visit www.uscis.gov.

Application Process

Ecology seeks diverse applicants: We view diversity, equity, inclusion, and respect through a broad lens including race, ethnicity, class, age, religion, sexual orientation, gender identity, immigration status, military background, language, education, life experience, physical disability, neurodiversity, and intersectional identities. Qualified job seekers from all backgrounds are encouraged to apply.

How to Apply

Click “Apply” at the top of this page. Complete the entire application, including full work history and responses to all supplemental questions, and attach:

- Cover letter, describing your interest in and qualifications for this position
- Resume

Because we base our selection on the information you provide, it is in your best interest to complete the application thoroughly. A resume will not substitute for the “work experience” section of the application or vice versa. Applications with blank fields or supplemental question responses with comments such as “see resume” may be considered incomplete.

For detailed application information, please visit our [Recruitment website](#).

Application Attestation: By submitting an application, you are affirming that the information contained in your application and on all attachments is complete and truthful. The state may verify this information, and any false or misleading answers may result in rejection of your application or dismissal if employed.

Need an Accommodation?

If you need reasonable accommodation during the application and/or screening process, including this job announcement in an alternate format:

- Please contact us at 360-407-6186 or careers@ecy.wa.gov
- If you are deaf or hard of hearing, you may call through the Washington Relay Service by dialing 711 or 1-800-833-6384.

Questions?

- For specific questions about the position location options, schedule, or duties, please contact Andrea Jedel at Andrea.Jedel@ecy.wa.gov
- If you need assistance applying for this job, are inquiring about the status of your application, would like to request the full position description, or have any other questions, please contact the Recruitment Team at careers@ecy.wa.gov

About the Department of Ecology

As the State of Washington's environmental protection agency, we are deeply committed to protecting, preserving, and enhancing Washington's environment for current and future generations. Joining Ecology means becoming part of a team dedicated to protecting and sustaining healthy land, air, water, and climate in harmony with a strong economy. A career in public service at Ecology allows you to help solve some of the most challenging problems facing our state, while keeping your health and financial security a priority. We combine one of the most competitive benefits packages in the nation with a strong commitment to life/work balance. We invest in our employees to create and sustain a working environment that encourages creative leadership, effective resource management, teamwork, professionalism, and accountability.

Diversity, Equity, Inclusion, and Respect (DEIR) are core values central to Ecology's work. We strive to be a workplace where we are esteemed for sharing our authentic identities, while advancing our individual professional goals and collaborating to protect, preserve, and enhance the environment for current and future generations.

We believe that DEIR is both a goal and an action. We are on a journey, honoring our shared humanity and taking steps to demonstrate our commitment to a vision where each of us is heard, seen, and valued.

Ecology employees may be eligible for the following: [Medical/Dental/Vision for employee & dependent\(s\)](#), [Public Employees Retirement System \(PERS\)](#), [Vacation, Sick, and other Leave](#), [11 Paid Holidays per year](#), [Public Service Loan Forgiveness](#), [Tuition Waiver](#), [Long Term Disability & Life Insurance](#), [Deferred Compensation Programs](#), [Dependent Care Assistance Program \(DCAP\)](#), [Flexible Spending Arrangement \(FSA\)](#), [Employee Assistance Program](#), [Commuter Trip Reduction Incentives](#), [Combined Fund Drive](#), [SmartHealth](#) ***Click here for more information**

For this position, personal protective equipment will be provided by the program along with reimbursement for required footwear.

To learn more about Ecology, please visit our [website](#), explore [Working at Ecology](#), check out our [Strategic Plan](#), and connect with us on [LinkedIn](#), [Facebook](#), [Instagram](#), [YouTube](#), or our [blog](#).

Equal Opportunity Employer: The Washington State Department of Ecology is an equal opportunity employer. We strive to create a working environment that includes and respects cultural, racial, ethnic, sexual orientation and gender identity diversity. Women, racial and ethnic minorities, persons of disability, persons over 40 years of age, veterans, military spouses or people with military status, and people of all sexual orientations and gender identities are encouraged to apply.

Collective Bargaining: This is a position covered by a bargaining unit for which the Washington Federation of State Employees (WFSE) is the exclusive representative.

Note: This recruitment may be used to fill other positions of the same job classification across the agency. Once all the position(s) from the recruitment announcement are filled, the recruitment may only be used to fill additional open positions for the next sixty (60) days.

