

Senior Air Monitoring Specialist (Environmental Specialist 4) (In-Training)

APPLY

Salary

\$57,984.00 - \$90,516.00 Annually

Location

King County - Shoreline, WA

Job Type

Full Time - Permanent

Remote Employment

Flexible/Hybrid

Job Number

2023-AQ4946-15987

Department

Dept. of Ecology

Division

Air Quality

Opening Date

12/22/2023

Closing Date

Continuous

- DESCRIPTION
- BENEFITS
- QUESTIONS

Description





Keeping Washington Clean and Evergreen

The [Air Quality Program](#) (AQP) within the Department of Ecology is looking to fill a **Senior Air Monitoring Specialist (Environmental Specialist 4) (In-Training)** position. This position is located in our **Northwest Region Office (NWRO)** in [Shoreline, WA](#). Upon hire, you must live within a commutable distance from the duty station.

Please Note: The salary posted above includes the additional 5% premium pay that this position will receive due to this position's location in Shoreline, WA (King County).

This is the perfect position for anyone who enjoys working outdoors and wants to apply their scientific expertise to help the Air Quality Program understand and reduce air pollution.

As Senior Air Monitoring Specialist, you will monitor the ambient air for fine (PM2.5) and coarse (PM10) particulate, ozone, and other criteria pollutants and their chemical constituents, at locations throughout Ecology's Northwest Region. You'll specialize in continuous particulate and meteorological monitoring, including air sensor monitoring that will help AQP with implementing environmental justice provisions consistent with the Climate Commitment Act. You'll also provide back-up operation for the near-road fine particulate Chemical Speciation Network, automated gas chromatograph that is part of the Photochemical Assessment Monitoring Stations (PAMS) program as well as manual method carbonyls and VOCs for the National Air Toxics Trends Stations (NATTS) program at the Seattle-Beacon Hill NCore monitoring site.

Being a reliable self-starter, an excellent problem-solver, and a natural collaborator is a must as you will function both independently and as an integral member of our regional and statewide teams of dedicated air monitoring professionals.

Note: This position offers a career path and on-the-job training. This position allows you to progress through the **Environmental Specialist (ES)** field and achieve the goal class of an **ES4**. Candidates will be considered at the **ES3** and **ES4** levels, depending on their qualifications. For salary levels for each, please see the qualifications section.

The mission of the Air Quality Program is to protect and improve air quality in

Washington. The Air Quality Program's vision is clean, healthy air and climate for all of Washington.

Tele-work options for this position: This field-oriented position will be eligible to tele-work two days per week. Applicants with questions about position location options, tele-work, and flexible or compressed schedules are encouraged to reach out to the contact person listed below in "other information." Schedules are dependent upon position needs and are subject to change.

Application Timeline: This position will remain open until filled, with an upcoming screening date of January 22, 2024. In order to be considered for initial screening, please submit an application on or before **January 21, 2024**. The agency reserves the right to make an appointment any time after the initial screening date.

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, Commute Trip Reduction Incentives(Download PDF reader), Combined Fund Drive, SmartHealth ***Click here for more information**

About the Department of Ecology

Protecting Washington State's environment for current and future generations is what we do every day at Ecology. We are a culture that is invested in making a difference. Join a team that is highly effective and collaborative, with leadership that embraces the value of people. To learn more, check out our [Strategic Plan](#).

Ecology cares deeply about employee wellness; we go beyond traditional benefits, proudly offering:

- A healthy life/work balance by offering flexible schedules and telework options for most positions.
- An Infants at Work Program that is based on the long-term health values of infant-parent bonding and breastfeeding newborns.
- Continuous growth and development opportunities.
- Opportunities to serve your community and make an impact through meaningful work.

Our commitment to DEIR

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.

Diversity: We celebrate and appreciate diversity; our unique perspectives and abilities enrich us all and lead to innovative approaches and solutions.

Equity: We champion equity, recognizing that each of us need different things to thrive.

Inclusion: We intentionally create and hold space so that we all have meaningful opportunities to participate and contribute to Ecology's work.

Respect: We treat each other with respect and dignity, acknowledging the inherent worth of our diverse perspectives and lived experiences, even in times of uncertainty and disagreement.

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.

Duties



What makes this role unique?

As a Senior Air Monitoring Specialist, you'll be integral to measuring our progress in reducing criteria pollutants and implementing new monitoring in the communities most affected by pollution. You'll perform all aspects of ambient air monitoring site operation, from identifying potential sites, through installation, calibration, and quality control checks for a wide variety of ambient air monitors located throughout the

Northwest Region. You will frequently collaborate with ambient air monitoring personnel from Ecology, local air agencies, and Tribes throughout the state on exciting and interesting air monitoring projects and provide the highest level of technical assistance and training to your peers in the monitoring community.

What you will do:

- Investigate and identify appropriate locations for, install equipment, and operate new and existing air monitoring sites in Ecology’s Northwest Region to help the Air Quality Program (AQP) characterize air quality, meet federal air pollution standards, and ensure clean, healthy air.
- Coordinate with agency and community partners to implement environmental justice-oriented monitoring in Ecology’s Northwest Region as required in the Climate Commitment Act.
- Coordinate with contractors on installation of new monitoring locations (site prep, power, fencing, etc.) to ensure sites are installed properly and state resources are used responsibly.
- Install monitoring equipment including the site shelter and air monitors and coordinate with appropriate AQP teams to configure air monitors with data logging equipment.
- Install and operate temporary monitors and low-cost air sensors as needed to respond to wildland fire smoke and other emergent events.
- Implement special project monitoring to help prevent nonattainment.
- Perform quality control and calibration activities to ensure proper instrument operation and collection of high-quality data.
- Review, analyze, and make recommendations on ambient air monitoring and quality control policy to help AQP continue to meet federal and state quality system requirements.

Qualifications

The goal class for this position is **Environmental Specialist (ES4)**. We will consider applicants who meet the requirements for the **ES3** and **ES4** levels. If the finalist meets the requirements for the ES3, they will be hired in at that level and placed into a training program to become a ES4 within a specified period of time.

Required Qualifications:

At the Environmental Specialist 3 level: Salary Range 53 (\$4,832-\$6,507 monthly) (in-training)

A total of **six** years of experience and/or education as described below:

- **Experience:** Involving environmental analysis or control, or environmental planning.
- **Education:** Involving a major study in environmental, physical, or natural science, environmental planning or other allied field.

All experience and education combinations that meet the requirements for this position:

Possible Combinations	College credit hours or degree – as listed above	Years of professional level experience – as listed above
Combination 1	No college credit hours or degree	6 years of experience
Combination 2	I have 30-59 semester or 45-89 quarter credits.	5 years of experience
Combination 3	I have 60-89 semester or 90-134 quarter credits (AA degree).	4 years of experience
Combination 4	I have 90-119 semester or 135-179 quarter credits.	3 years of experience
Combination 5	A Bachelor's Degree	2 years of experience
Combination 6	A Master's Degree	1 year of experience
Combination 7	A Ph.D.	0 years of experience

OR

One year of experience as an Environmental Specialist 2, at the Department of Ecology.

At the Environmental Specialist 4 level: Salary Range 59 (\$5,608-\$7,543 monthly) Goal Class

A total of nine years of experience and/or education as described below:

- **Experience:** Involving environmental analysis or control, or environmental planning.
- **Education:** Involving a major study in environmental, physical, or natural science, environmental planning or other allied field.

All experience and education combinations that meet the requirements for this position:

Possible Combinations	College credit hours or degree – as listed above	Years of professional level experience – as listed above
Combination 1	No college credit hours or degree	9 years of experience
Combination 2	I have 30-59 semester or 45-89 quarter credits.	8 years of experience
Combination 3	I have 60-89 semester or 90-134 quarter credits (AA degree).	7 years of experience
Combination 4	I have 90-119 semester or 135-179 quarter credits.	6 years of experience
Combination 5	A Bachelor's Degree	5 years of experience
Combination 6	A Master's Degree	3 years of experience

OR

Two years of experience as an Environmental Specialist 3, at the Department of Ecology.

Special Requirements/Conditions of Employment:

- Must possess and maintain a valid driver's license.

Desired Qualifications:

We highly encourage you to apply even if you do not have some (or all) of the desired experience below.

- Experience operating or performing quality assurance audits on air monitoring instrumentation for determining compliance with the National Ambient Air Quality Standards.
- Ability to interpret and explain technical information to non-technical individuals.
- An advanced understanding of the principles involved in calibrating, maintaining, and operating air monitoring equipment.
- Experience with emerging technologies and techniques of air quality sampling, testing, data gathering, basic research, and field investigations.
- Experience using statistical analysis software tools such as R, SigmaPlot, ChemStat, Minitab, IGOR, or other data analysis software.

Note: Having some (or all) of this desired experience may make your application more competitive in a highly competitive applicant pool.

Supplemental Information

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 candidates from all backgrounds are encouraged to apply.

Need an Accommodation in the application and/or screening process or this job announcement in an alternative format?

- Please call: (360) 407-6186 or email: careers@ecy.wa.gov and we will be happy to assist.

- If you are deaf or hard of hearing you can reach the Washington Relay Service by dialing 7-1-1 or 1-800-833-6388.
- If you need assistance applying for this job, please e-mail careers@ecy.wa.gov. Please do not send an email to this address to follow-up on the status of your application. You can view the latest status of your application on your profile's main page.
- If you are reading this announcement in print format, please enter the following URL to your search engine to apply: <https://ecology.wa.gov/About-us/Get-to-know-us/Jobs-at-Ecology>.

Application Instructions:

It's in the applicant's best interest to submit all of the documents listed below. Applications without these documents may be declined.

- A cover letter describing why you are interested in this position.
- A resume outlining your experience and education (if applicable) as it relates to the minimum qualifications of this position.
- Three professional references.

Please do NOT include your salary history. Wage/salary depends on qualifications or rules of promotion, if applicable.

For Your Privacy:

When attaching documents to your application (such as Resume, Cover Letter, Transcripts, DD-214, etc.):

- Please be sure to remove private information such as your social security number, date of birth, etc.
- Do not attach documents that are password-protected, as these documents may not be reviewed and may cause errors within your application when downloaded.

Additional Application Instructions for Current Ecology Employees:

Please make sure to answer the agency-wide questions regarding permanent status as a classified employee within the Washington General Service or Washington Management Service. Do not forget to select Department of Ecology as a response to question 2, and type your personnel ID number for question 3. If you are not sure of your status or do not know your personnel ID number, please contact Human Resources.

Application Attestation:

The act of submitting application materials electronically is considered affirmation

that the information is complete and truthful. The state may verify this information and any untruthful or misleading answers are cause for rejection of your application or dismissal if employed.

Other Information:

If you have specific questions about the position, please email **Scott Dubble** at: Scott.Dubble@ecy.wa.gov. Please do not contact Scott to inquire about the status of your application.

To request the full position description: email careers@ecy.wa.gov

Why work for Ecology?

As an agency, our mission is to protect, preserve and enhance Washington's environment for current and future generations. We invest in our employees to create and sustain a working environment that encourages creative leadership, effective resource management, teamwork, professionalism, and accountability.

Joining Ecology means becoming a part of a team committed to protecting and restoring Washington State's environment. A career in public service 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.

To learn more about The Department of Ecology, please visit our website at www.ecology.wa.gov and follow, like or visit us on [LinkedIn](#), [Twitter](#), [Facebook](#), [Instagram](#) or our [blog](#).

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

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. Persons needing accommodation in the application/testing process or this job announcement in an alternative format may call (360) 407-6186. Applicants who are deaf or hard of hearing may call the Washington Relay Service by dialing 7-1-1 or 1-800-833-6388.

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.