

Job Title: Air Quality Permit Engineer I or II

Open Competitive Recruitment

This recruitment is to fill one vacancy now and to develop a candidate list for any vacancies that may occur within the next twelve months.

Position opens: February 1, 2018

Position closes: March 5, 2018, 4:30 p.m.

Annualized salary: Engineer I, \$64,380 to \$70,992, Union Grade IV-A – IV-C. Starting salary depending on experience and qualifications

Engineer II, \$72,840 to \$97,620, Union Grade V-A – V-G. Starting salary depending on experience and qualifications

Teamsters Union Local 763

Relocation assistance may be provided

Work Week: 38.75 hours per week, Monday through Friday

To apply: Please submit your resume, *with cover letter* summarizing your qualifications, via e-mail to Susan Campbell at recruitment@pscleanair.org

The Puget Sound Clean Air Agency is a regional government agency created in 1967. Our jurisdiction covers King, Kitsap, Pierce and Snohomish counties. The Agency works to protect public health, improve neighborhood air quality, and reduce our region's contribution to climate change. We achieve our mission by monitoring air quality, sponsoring voluntary initiatives, educating people and businesses about air quality issues, and enforcing state and federal air quality laws.

Our Agency is composed of approximately 74 staff members including: inspectors, air resource specialists, engineers, meteorologists, monitoring technicians, project managers and communications. Our operations are supported by a team of specialists, as well as IT services, human resources, legal, records management, finance and administrative staff. For more information on the Agency, please visit www.pscleanair.org. We are governed by a Board of Directors which includes elected officials from each of our four counties, a representative from the largest city in each county, and one member representing the public at large.

Also, as a part of the Agency's strategic plan, we are deepening our commitment to equity and community engagement. We value an inclusive environment and equitable approaches to our work. We strive to be consistent yet equitable in our practices and policies, as well as in our external relationships among residents, businesses, and community partners. We also value equity, which means doing whatever it takes to ensure every person in our region has the same air-related health outcomes and benefits. The Agency aims to do this while providing responsive customer service through our regulatory and monitoring work as well as partnering with communities to develop solutions through our voluntary programs.

The Agency is seeking one regular full-time employee. This vacancy will be filled as **Engineer I or Engineer II depending on education and experience.**

The position will work in the Compliance Division and report to the Manager of Compliance.

Position Description

The Puget Sound Clean Air Agency (PSCAA) is seeking a self-directed individual with sound engineering judgement to serve as either an Air Quality Permit Engineer I or II. At either level, this position performs work that is not only varied

and interesting, but is important to maintaining the air quality of the region. The types of air pollution sources the agency regulates are quite varied and include sources like cabinet makers, coffee roasters, auto body repair shops, airplane manufacturing, rocket manufacturing, asphalt plants, hospitals, spray painting, military bases, and many more. The Air Quality Permit Engineer I or II will be making decisions that affect businesses and the general public. PSCAA engineers are empowered and must think about an issue from many angles.

An Engineer I applies sound knowledge of engineering principles to less complex sources. An Engineer II independently applies sound knowledge of engineering principles to more complicated and highly regulated sources.

Engineer I

An Engineer I will work with other PSCAA staff, permit applicants, other government agency staff, and the public to perform the following work:

- Engineering review of permit applications for new and modified air pollution sources, documenting the review and developing permit conditions;
- Assist PSCAA inspectors with onsite inspections and evaluation of compliance with permits and regulations;
- Review of compliance reports and other reports; determining compliance; and
- Provide technical and compliance assistance on air pollution issues including control technology, rule interpretation and applicability, and analysis of options to PSCAA inspectors, the public, industrial representatives, and representatives from other government agencies.

Engineer II

An Engineer II will work with other PSCAA staff, permit applicants, other government agency staff, and the public to perform the following work:

- Engineering review of permit applications for new and modified air pollution sources, documenting the review and developing permit conditions;
- Engineering review of Title V air operating permit applications and writing, renewing and modifying Title V air operating permits;
- Review of stack test plans and reports, compliance reports, air quality regulations, and other reports; evaluating compliance and assisting PSCAA inspectors on enforcement action decisions as needed;
- Assist PSCAA inspectors with onsite inspections and evaluation of compliance with permits and regulations; and
- Provide technical and compliance assistance on complex air pollution issues including control technology, rule interpretation and applicability, and analysis of options to PSCAA inspectors, the public, industrial representatives, and representatives from other government agencies.

Required Knowledge, Skills and Abilities

Engineer I

1. Knowledge of the following:

- Principles and methods of chemistry and engineering that would be used to determine quantity and type of air pollutants, impacts of emissions on ambient air concentrations, and effectiveness of air pollution control equipment;
- Engineering problem solving and analysis methods and techniques; and

- Effective and efficient means to research technical sources of information and apply learnings to day-to-day work.

2. Ability to perform the following:

- Make sound judgments, based on a thorough analysis of the facts, looking at both long and short term ramifications with assistance from supervisor or more experienced engineer;
- Read, examine for errors, and comprehend materials ranging from letters and memos to blueprints and government regulations and be able to explain these materials to others who may not possess the same level of technical expertise;
- Prioritize multiple tasks and effectively manage workload with attention to detail;
- Effectively use computer programs to accomplish responsibilities, including spreadsheets, word processing, databases, and air quality software programs;
- Participate in environmental impact assessment processes and review environmental documents for air quality and other environmental impacts;
- Effectively communicate decisions and policies to permit applicants, other agencies, and members of the public using strong communication (verbal and written) and interpersonal skills that will result in a better understanding of air pollution issues and requirements and a reduction of air pollution;
- Effectively organize, coordinate and follow-through on projects; and
- Physically perform the essential functions of the job with or without reasonable accommodation including field inspections of air pollution sources.

Engineer II

1. Knowledge of the following:

- Principles, practices and techniques of air quality permit engineering, air pollution control systems, and air pollutants;
- State, federal, and local air pollution control regulations;
- Current literature, trends and developments in air quality permitting, air pollution controls and methods, screening dispersion modeling, stack testing, emission inventories, and best available/reasonably available control technologies;
- Industrial equipment and manufacturing processes as it relates to air emissions and state-of-the-art air pollution control equipment; and
- Methods and techniques of investigation of emissions of air pollutants and compliance with air quality permit conditions.

2. Ability to perform the following:

- Independently make sound judgments, based on a thorough analysis of the facts, looking at both long and short term ramifications;
- Independently read, examine for errors, and comprehend materials ranging from letters and memos to blueprints and government regulations and be able to explain these materials to others who may not possess the same level of technical expertise;
- Independently read, comprehend, interpret and explain complex air pollution regulations and policies;
- Prioritize multiple tasks and effectively manage workload with attention to detail;
- Independently evaluate and document air pollution control and prevention techniques for air pollution sources;
- Independently evaluate and document air quality and other environmental impacts of sources which include calculating air pollutant emissions, evaluating available methods of controlling emissions, conducting screening air dispersion models or evaluating complex models;

- Provide both verbal and written technical input and assistance on air pollution issues;
- Participate in environmental impact assessment processes and review environmental documents for air quality and other environmental impacts;
- Effectively communicate decisions and policies to permit applicants, other agencies, and members of the public using strong communication (verbal and written) and interpersonal skills that will result in a better understanding of air pollution issues and requirements and a reduction of air pollution;
- Effectively use computer programs to accomplish responsibilities, including spreadsheets, word processing, databases, and air quality software programs;
- Effectively organize, coordinate and follow-through on projects; and
- Physically perform the essential functions of the job with or without reasonable accommodation including field inspections of air pollution sources.

Additional Skills, desirable

Engineer I

- Experience reading and interpreting air pollution regulations;
- Evaluating and documenting air pollution control and prevention techniques for air pollution;
- Evaluating and documenting air quality and other environmental impacts of sources which include calculating air pollutant emissions, evaluating available methods of controlling emissions, conducting screening air dispersion models;
- Proficiency and experience using another language, in addition to English, as part of your work experience; and
- Demonstrated skill working collaboratively with diverse organizations and individuals, creating and maintaining strong relationships with them, and persuading others to take action.

Engineer II

- Proficiency and experience using another language, in addition to English, as part of your work experience; and
- Demonstrated skill working collaboratively with diverse organizations and individuals, creating and maintaining strong relationships with them, and persuading others to take action.

Certifications and Licenses

- **Engineer I:** Engineer In Training Certificate is desirable, but not required
- **Engineer II:** Registration in the State of Washington as a Professional Engineer or eligible to take the Engineer-in-Training exam and apply for registration in Washington is desirable, but not required

Education and Experience

Candidates must have the education and experience which provides the knowledge, skills, and ability to perform the job:

- **Education:** BS or MS in engineering or closely related field is required.
- **Engineer I Experience:** Desirable to have college-level course work related to air pollution control. Preferred candidates will have at least one year experience in air quality permitting and compliance.
- **Engineer II Experience:** At least three years of experience in air quality permitting and compliance required. Preferred candidates will have at least five years of experience in air quality permitting and compliance.

Benefits

The Agency provides an attractive benefits package which includes:

- Washington Public Employees' Retirement System (PERS) – All full-time employees are required to be part of PERS and choose between PERS 2 and 3
- Medical, dental and vision insurance
- Employees may also elect to participate in the Agency's 125 Plan, Section 105
- Agency provides fully-paid public transit passes within the Agency jurisdiction
- Ten paid holidays scheduled throughout the year plus 2 floating holidays
- Sick leave and vacation leave accrual
- Employee Assistance Program (EAP) – the EAP provides a free confidential resource outside the workplace for full-time employees and immediate family members
- Life Insurance - employer-paid term life insurance equal to the employee's annual salary
- Short Term Disability
- Long Term Disability
- Tuition Assistance
- Flexible work schedule