

# **SNOHOMISH COUNTY JOB DESCRIPTION**

## **ENVIRONMENTAL SPECIALIST II**

Spec No. 3068

### **BASIC FUNCTION**

To monitor and assist in operating and maintaining the landfill gas and flaring facilities, leachate collection treatment and conveyance systems and water quality monitoring sites at Environmental Services controlled functions.

### **STATEMENT OF ESSENTIAL JOB DUTIES**

1. Visually inspects landfill gas and flaring facilities and leachate collection and conveyance facilities for alarms, equipment irregularities or malfunctioning systems; assists in trouble shooting and correcting ordinary problems or calls on outside assistance as necessary; maintains daily records of equipment operations.
2. Monitors and assists in operating and maintaining the leachate systems at the Cathcart, and Regional Landfills and the Silver Lake Monitoring Station; monitors such things as flow, temperature, pump operations and pH content; collects samples and conducts field data analysis; assists in preparing field data reports documenting readings and observations; delivers samples to the proper laboratory as required.
3. Monitors groundwater at solid waste sites; assists in collecting groundwater samples from monitoring wells utilizing approved collection techniques; records field sample data; delivers samples to the proper laboratory as required.
4. Monitors surface and storm water runoff at solid waste sites; assists in collecting surface and storm water samples utilizing approved collection methods; assist in performing field tests conducted to determine constituents of each sample; delivers samples to the proper laboratory as required.
5. Monitors and assists in operating and maintaining gas extraction and flaring facilities; assists in recording required information on a data recorder.
6. Assists in the training of new and temporary employees as necessary.
7. Cleans and assists in calibrating and maintaining water quality monitoring equipment.
8. Assists the ESS Supervisor by providing input for the annual budget process; assists in performing annual inventory.

### **STATEMENT OF OTHER JOB DUTIES**

9. Assists in providing purchase request input and justifications as needed; assists in preparing bid specifications.
10. Performs routine labor as assigned.
11. Performs related duties as required.

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### **MINIMUM QUALIFICATIONS**

Fifteen (15) credits of vocational or college level course work. These credits must be earned in one of the following subjects: mathematics, chemistry, computer science, geology, natural sciences, or water quality; One (1) year experience in the field of solid waste, AND, Six (6) months experience in groundwater monitoring and/or landfill gas monitoring. Must pass job related tests.

### **SPECIAL REQUIREMENTS**

Familiarization with personal computers is required.

A valid Washington State Driver's License is required.

Possession of or ability to obtain a valid First Aid Card within six (6) months of employment.

Possession of or ability to obtain a 40 hour certification in Health and Safety at Hazardous Waste Sites within six (6) months of employment.

Ability to pass the base-line physical for hazardous materials handling.

Possession of or ability to obtain a Washington State Department of Ecology Group OIT Wastewater Treatment Plant Operator's Certification within eighteen (18) months of employment.

Ability to pass the annual lung capacity test for wearing respirators.

### **PROMOTIONAL REQUIREMENTS**

Environmental Specialist I level employees may be promoted to Environmental Specialist II level if they meet the following requirements:

Six (6) months of satisfactory service at the Environmental Specialist I level;

Completion of at least twenty-four (24) clock hours of supervisor-approved training while at the Environmental Specialist I level, including classes on computer use.

A total of Fifteen (15) credits of vocational or college level coursework. These credits must be earned in at least one of the following subjects: mathematics, chemistry, computer science, geology, natural sciences, or water quality.

Passing score on an advancement test.

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### KNOWLEDGE AND ABILITIES

Knowledge of:

- landfill gas, leachate pretreatment and waste monitoring techniques;
- water and gas instrumentation operation, calibration, and repair;
- use of personal computer;
- analytical problem solving.

Ability to:

- diagnose and troubleshoot routine electrical and mechanical problems;
- read, understand and follow safety rules and regulations;
- understand and execute oral and written instructions;
- establish and maintain effective working relationships with superiors and co-workers, consultants and representatives of government agencies;
- understand and interpret work related laws, regulations and procedures;
- make independent decisions under pressure.

### PHYSICAL REQUIREMENT

Lifting in excess of fifty (50) pounds of tools and sampling devices in awkward positions is required. Walking long distances over rough terrain and working in confined spaces with hazardous gases and obnoxious odors present is required. Manual dexterity is required for the operation of assigned equipment and personal computers.

### SUPERVISION

The employees in this classification report to the Environmental Services supervisor. The monitoring functions are performed independently throughout the county. Work submitted may be spot checked for completeness and accuracy.

### WORKING CONDITIONS

The work is performed in an office environment and outside in all types of inclement weather conditions at solid waste disposal sites throughout the county. The employee is exposed to unpleasant odors, dust, and debris. The employee is required to wear county supplied safety equipment and uniforms when in the field or operating assigned facilities.

Snohomish County is an Equal Employment Opportunity (EEO) employer.  
Accommodations for individuals with disabilities are provided upon request.

[EEO policy and ADA notice](#)

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Class Established: December 1989 as Environment Maintenance Tech I

Previous Spec No. 442491

Revised and Retitled: February 1993, January 1994, November 2000

EEO Category: 3 - Technicians

Pay Grade: 236 - Classified Pay Plan

Workers Comp: 1501 Hazardous