

SNOHOMISH COUNTY JOB DESCRIPTION

ENVIRONMENTAL SPECIALIST I

Spec No. 3067

BASIC FUNCTION

To assist in the environmental monitoring, inspection, and maintenance of 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; calls on outside assistance as necessary; maintains daily records of equipment operations.
2. Assists in maintaining and monitoring the leachate collection and conveyance facilities at solid waste facilities; monitors such things as flow, temperature, pump operations and pH content; assists in collecting samples and assists in preparing field data reports documenting readings and observations; delivers samples to the proper laboratory as required.
3. Assists in monitoring ground water at solid waste sites; assists in collecting ground water samples from monitoring wells utilizing approved collection techniques; delivers samples to the proper laboratory as required.
4. Assists in monitoring surface and storm water runoff at solid waste sites; assists in collecting surface and storm water samples utilizing approved collection methods; assists in field tests conducted to determine field constituents of each sample; delivers samples to the proper laboratory as required.
5. Assists in the maintaining and monitoring of gas extraction and flaring facilities; assists in recording required information on a data recorder.
6. Cleans and assists in maintaining monitoring equipment.
7. Assists the ESS Supervisor by providing input for the annual budget process; assists in performing annual inventory.

STATEMENT OF OTHER JOB DUTIES

8. Performs routine labor as assigned.
9. Performs related duties as required.

MINIMUM QUALIFICATIONS

Fifteen (15) credits of vocational or college level course work in mathematics, geology, chemistry, computer science, water quality, or natural sciences; AND one (1) year of experience in the field of solid waste. Must pass job related tests.

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SPECIAL REQUIREMENTS

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 Hazardous Waste Operations within six (6) months of employment.

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

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

KNOWLEDGE AND ABILITIES

Knowledge of:

- use of personal computers
- 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 instruction
- 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 at worksites throughout the county. Work submitted may be spot checked for completeness and accuracy.

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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 coveralls 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](#)

Class Established: December 1988 as Environmental Monitoring Technician I

Previous Spec No. 442486

Revised: August 1989, October 1993, November 2000, September 2009, March 2012, July 2016, October 2016, February 2020

Revised and Retitled: February 1993

EEO Category: 3 - Technicians

Pay Grade: 234 - Classified Pay Plan

Workers Comp: 1501 Hazardous