

POSITION ANNOUNCEMENT - PLEASE POST

Applications due Sunday, July 31, 2016

Marine and Environmental Monitoring Technician

This is an AmeriCorps/Washington Conservation Corps (WCC) position stationed at the Department of Ecology Headquarters building in Lacey, Washington. For more information about the **AmeriCorps/Washington Conservation Corps** program, please go to the organizational website: www.ecy.wa.gov/wcc.

Start: October 3, 2016. Full-time position (40 hours per week) through September 15, 2017.

Compensation:

- **\$9.47 per hour**
- **\$5,775 AmeriCorps Education Award** after successful completion of 1,700 hours of service that may be applied to student loans or college tuition
- **FORBEARANCE** on existing student loans
- **MEDICAL INSURANCE.**

On-the-job training: Marine and freshwater sampling of water, sediment and biological specimens, sample processing, use of laboratory instruments, photomicroscopy, sorting and taxonomy of marine invertebrates, scientific literature research, environmental data entry and review, attending scientific meetings, public outreach, professional writing training, field and laboratory safety training.

Qualifications: Candidates must be 18 to 25 years old * and legally eligible to work in the US. The ideal candidate for this position is a motivated environmental or marine sciences graduate or near- graduate that is looking for on-the-job experience. Experience in marine science, estuarine ecology, oceanography, invertebrate ecology or limnology a plus. Please provide a resume including these experiences with your application. The Environmental Assessment Program is seeking an articulate, self-motivated individual who is both an independent worker and a team player, and who can work carefully and meticulously on detailed tasks. A willingness to work in both a laboratory setting and outside (on beaches, docks, boats, seaplanes, rivers and streams, and beaches throughout Puget Sound) is essential. Basic computer skills including email, word processing and spreadsheets a must.

**Age restrictions are based on legislative mandate, limited exceptions may be made for Gulf War era II veterans, reservists, and dependents, and participants with a sensory or mental disability.*

Position Description:

The Marine and Environmental Monitoring Technician will work in four areas of focus:

Marine Sediment Monitoring: Includes assisting with **1) field sampling:** Collection of sediments in Puget Sound, **2) invertebrate sorting:** Use of stereomicroscope to sort invertebrates from Puget Sound sediment samples, **3) voucher sheet generation:** Find and use taxonomic literature to create descriptive voucher sheets for Puget Sound invertebrates, and use compound and stereomicroscopes to photograph taxonomic features of the invertebrates for use in the sheets, and **4) miscellaneous program tasks** including lab cleaning, data quality assurance (QA), assistance with web reporting, etc.

Marine Water Column Monitoring: Includes assisting with **1) marine water sampling:** travel by float plane and by boat to sample water quality throughout Puget Sound and Washington's coastal estuaries, **2) laboratory analyses:** measurement of water column properties from samples collected at marine monitoring sites, **3) ferry instrument servicing:** maintenance of instruments on the Victoria Clipper ferry, **4) miscellaneous program tasks** including lab cleaning, data QA, etc.).

Beach Monitoring: Includes water quality sampling at state beaches, assisting with **outreach events:** 1 - 3 day events, including both elementary school groups and the public, focused on watershed pollution and control, especially fecal pollution.

Total Maximum Daily Load Studies and toxic chemical studies. Typical duties include 1) Assisting with **field operations** including: generations of field forms, sample tags, gear preparation and use, equipment construction, instrument calibration, collection and preparation of environmental samples, 2) **Stream flow measurements,** 3) **Collection of water, sediment and fish tissue samples** for conventional and toxic chemical analysis, 4) **Fish tissue sample processing,** 5) **Environmental data** formatting, compilation, review, and conducting basic statistical analysis.

To apply, e-mail a 1) cover letter and 2) resume and to Carol Falkenhayn Maloy at: carol.maloy@ecy.wa.gov

You must also complete the on-line application on the WCC website: <https://fortress.wa.gov/ecy/wccapp> and select “IP- LACEY/DEPT OF ECOLOGY MARINE MONITORING”

Details about Ecology’s Environmental Assessment Programs in Marine and Environmental Monitoring can be found at the following web links:

Marine Sediments: <http://www.ecy.wa.gov/programs/eap/sediment/>

Marine Waters: http://www.ecy.wa.gov/programs/eap/mar_wat/index.html

BEACH: <http://www.ecy.wa.gov/programs/eap/beach/>

Total Maximum Daily Load Study: <http://www.ecy.wa.gov/programs/wq/tmdl/PadillaBayTMDL.html>

Toxics Studies: <http://www.ecy.wa.gov/programs/eap/toxics/index.html>