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# ENVIRONMENTALIST IV #19739 - Dispersion Modeling Supervisor (Job Id 15679)

**Location:** US:NH:CONCORD

**Post Date:** 08/21/2019

**Category:** PROFESSIONAL & MANAGERIAL

**Close Date:** 09/20/2019

**Salary:** 55,555.500-65,949.000 USD

## Description

State of New Hampshire Job Posting  
Department of Environmental Services  
Air Resources Division/ Permitting & Environmental Health Bureau  
29 Hazen Drive, Concord NH 03301  
ENVIRONMENTALIST IV  
Labor Grade 27  
Position # 19739

The State of New Hampshire, Department of Environmental Services, Air Resources Division, Permitting & Environmental Health Bureau has a full time vacancy for an Environmentalist IV/ Dispersion Modeling Supervisor.

### Summary:

This position supervises the Air Dispersion Modeling Section, performs compliance reviews, and determines air quality impact analyses for new facilities in the New Construction/Planning Program in the Bureau of Permitting and Environmental Health of the Air Resources Division. This position is under the supervision of the New Construction/Planning Manager, with additional technical supervision from the Air Resources Division's Chief Scientist.

### Responsibilities:

Determines air quality impact of proposed facilities applying for permits using computer dispersion models and hand calculations to ensure that compliance with air quality standards and acceptable ambient limits is demonstrated.

Reviews air quality impact analysis modeling submitted by permit applicants to ensure completeness, correctness of methodology, and that compliance with air quality standards acceptable ambient limits has been demonstrated.

Assigns project priorities in conjunction with the Bureau Administrator and recruits modeling assistance from the Regional Modeling Sub Unit of the Science and Analysis group to ensure that a reasonable modeling response time is maintained.

Determines options available to stationary source facilities to demonstrate compliance with air quality standards and acceptable ambient limits.

Communicates with engineers in the Division, representatives from permit applicants and consulting firms, and EPA to ensure conformance with dispersion modeling procedures and requirements.

Supervises the Environmentalist III (Dispersion Modeler) in the Dispersion Modeling Section to ensure that all air quality impact analyses performed or reviewed by the unit follows established procedures.

Analyzes new dispersion modeling programs to determine applicability for stationary, process, and other area source air quality impact analysis in accordance with EPA policy and guidelines, then reviews and revises DES policy and procedure for modeling air quality impacts accordingly.

Assists the Division's Chief Scientist with special projects that may include air pollution forecasting, outreach efforts, and technical support in the preparation of confidential legal efforts.

Implements continuous improvement practices within the Bureau of Permitting and Environmental Health.

### MINIMUM QUALIFICATIONS:

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**Education:** Bachelor's degree from a recognized college or university with major study in environmental engineering, biology, chemistry, mathematics, computer science, the physical sciences, environmental law, conservation, or other related environmental science. Each additional year of approved formal education may be substituted for one year of required work experience.

**Experience:** Six years' experience as an Environmental Engineer or Environmentalist, two years of which shall have involved supervisory duties as well as the preparation of environmental documents, legal briefs or related research.

**Special Qualifications:** The experience required in the minimum qualifications must include one year in the performance of dispersion modeling air quality impact analyses for facilities applying for permits. Experience preferred with contemporary electronic communications mediums, including email, Internet, word processing, spreadsheet, and graphic and presentation software. Two years of experience in the area of air pollution control regulation is also preferred.

**Disclaimer Statement:** The supplemental job description lists typical examples of work and is not intended to include every job duty and responsibility specific to a position. An employee may be required to perform other related duties not listed on the supplemental job description provided that such duties are characteristic of that classification.

In order to receive credit for post-secondary education, a copy of official transcripts with a seal and/or a signature should be included with the application. If copies of transcripts have been requested please reference this and have them forwarded to the Human Resources office for the agency listed below.

For further information please contact Gary Milbury, Administrator IV, at [gary.milburyjr@des.nh.gov](mailto:gary.milburyjr@des.nh.gov) or at 603-271-2630. Use apply button or submit a fully completed state application and accompanying documents by the closing date to NHDES PO Box 95 Concord NH 03302-0095 Attn. Human Resources. You may also contact Raymond Wilson, HR Coordinator at 603-271-1496 or at [raymond.wilson@des.nh.gov](mailto:raymond.wilson@des.nh.gov).

EOE

TDD Access: Relay NH 1-800-735-2964