Environmental Health Technician (19-4091.00)

At-a-Glance Statistics

Sample Job Titles
- Environmental Health Specialist
- Environmental Specialist
- Environmental Technician
- Laboratory Specialist
- Laboratory Technician
- Process Laboratory Specialist
- Public Health Sanitarian
- Sanitarian
- Water Quality Analyst
- Water Quality Specialist

Key Tasks
- Develop testing procedures and record test data
- Develop or implement programs for monitoring of environmental pollution
- Investigate hazardous conditions or spills or outbreaks of disease or food poisoning, collecting samples for analysis
- Provide information or technical or program assistance to government representatives, employers, or the general public on the issues of public health, environmental protection, or workplace safety
- Collect samples of gases, soils, water, industrial wastewater, or asbestos products to conduct tests on pollutant levels or identify sources of pollution
- Inspect sanitary conditions at public facilities
- Inspect workplaces to ensure the absence of health and safety hazards, such as high noise levels, radiation, or potential lighting hazards
- Perform statistical analysis of environmental data
- Analyze potential environmental impacts of production process changes and recommend steps to mitigate negative impacts
- Make recommendations to control or eliminate unsafe conditions at workplaces or public facilities
- Distribute permits, closure plans, or cleanup plans
- Maintain files, such as hazardous waste databases, chemical usage data, personnel exposure information, or diagrams showing equipment locations
- Calculate amount of pollutant in samples or compute air pollution or gas flow in industrial processes, using chemical and mathematical formulas
- Weigh, analyze, or measure collected sample particles, such as lead, coal dust, or rock, to determine concentration of pollutants

### Education and Training

<table>
<thead>
<tr>
<th>Degree Level</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Bachelor's Degree</td>
<td>55%</td>
</tr>
<tr>
<td>Associate's Degree</td>
<td>14%</td>
</tr>
<tr>
<td>Master's Degree</td>
<td>14%</td>
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</tbody>
</table>

### Median Wages

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Hourly</th>
<th>Annually</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salary</td>
<td>$22.20</td>
<td>$46,170</td>
</tr>
</tbody>
</table>

### Top Industries

- Government
- Professional, Scientific, and Technical Services

### Employment Projection

- 35,000 positions
- 4,6000 job openings

### Top Ten States for Occupational Percentage Growth

<table>
<thead>
<tr>
<th>State</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>UT</td>
<td>48%</td>
</tr>
<tr>
<td>CO</td>
<td>26%</td>
</tr>
<tr>
<td>NY</td>
<td>22%</td>
</tr>
<tr>
<td>AR</td>
<td>21%</td>
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<tr>
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<td>TX</td>
<td>19%</td>
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<tr>
<td>NC</td>
<td>19%</td>
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<tr>
<td>FL</td>
<td>18%</td>
</tr>
<tr>
<td>IN</td>
<td>18%</td>
</tr>
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<td>ND</td>
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