



# Examples of Past Internship Positions

	GENERAL DESCRIPTION
<p><b>COMMUNICATION, EDUCATION, AND BUSINESS INTERNSHIPS:</b> <i>Communication, Education and Business Internships at Labor Grade (LG) 4 do not have specific experience requirements for certification. Internships at Labor Grade 5 have education and/or experience requirements for certification as noted in the specific descriptions below.</i></p>	
<p><b>ACCOUNTING</b></p> <p><b>TMPPT5310</b></p> <p><b>(LG 5 / \$12.16 per hour)</b>  <b>35 hrs. per week for up to 12 weeks</b></p> <p><i>Supervisor: K. Seeley</i></p>	<p>Assist staff with all day-to-day accounting functions as well as year-end reporting, year-end closing, and budgets. Gain valuable experience with accounts payable, accounts receivable, filing, reconciling, grant management, fund accounting, and audit preparation. Candidates should have experience using Excel.</p> <p><b><i>One year's experience in a clerical position required. Each year of approved formal education beyond High School may be substituted for one year of work experience.</i></b></p>
<p><b>FACILITY SERVICES</b></p> <p><b>TMPPT5367</b></p> <p><b>(LG 5 / \$12.16 per hour)</b>  <b>35 hrs. per week for up to 12 weeks</b></p> <p><i>Supervisor: K. Marquez</i></p>	<p>The facility Services Team oversees the day to day functions around the DES Concord facility. This involves management of the fleet pool of vehicles, providing guidance on the DES Fleet Management Policies, assisting with reservation requests, scheduling and coordinating delivery of surplus, and participation in the distribution of mail/ parcels outside the facility. This position is also involved with First Aid Stabilization Team and the Building Evacuation Team. Although no two days are alike, the selected candidate may encounter medical emergencies, traffic related incidents, public relations opportunities, and review building safety threats. The day to day operations involve physical tasks indoors and outdoors on campus and throughout the city, in rain or shine. The ideal candidate will be self-motivated, a problem solver, and be able to provide top level customer service to all.</p> <p><b><i>One year's experience in a clerical position required. Each year of approved formal education beyond High School may be substituted for one year of work experience.</i></b>  <b><i>The selected candidate must possess a valid driver's license and have a good driver's record</i></b></p>
<p><b>HUMAN RESOURCES CLERK</b></p> <p><b>TMPPT5342</b></p> <p><b>(LG 4 / \$11.83 per hour)</b>  <b>29 hrs. per week for 12 weeks</b></p> <p><i>Supervisors: P. Sopczyk &amp; Ray Wilson</i></p>	<p>Human Resources assist the organization in creating and sustaining a workplace where people can thrive, add value, and are valued. No office has a broader reach. You will gain valuable experience in data management, record retention, data entry and discover the many challenges the HR office encounters on a day to day basis that will sharpen critical thinking. Assignments may include standard clerical functions including copying, filing, record destruction, data base entry, reviewing/organizing/deleting electronic files, and special projects as assigned.</p>



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<p><b>PUBLIC RELATIONS &amp; ENVIRONMENTAL COMMUNICATIONS</b></p> <p><b>TMPPT5341</b></p> <p><b>(LG 4 / \$11.83 per hour)</b>  <b>35 hrs. per week for 12 weeks</b></p> <p><i>Supervisor: J. Martin</i></p>	<p>Learn what it's like to work in a busy and large state agency, as you gain real world experience in communications and public/media relations. This position will assist with writing and contribute to press releases and articles, newsletters, and other publications. You will gain broad experience working with most program areas of NHDES. You will be involved with special projects, social media, website development, marketing, video/photography, environmental education and outreach activities. At the conclusion of this internship, you will have built a professional portfolio of articles you have written for publication in various newsletters.</p>
<p><b>ENVIRONMENTAL INTERNSHIPS: <i>Environmental Internships at Labor Grade (LG) 4 do not have specific experience requirements for certification. Environmental Internships at Labor Grade 5 and 7 have education and or experience requirements for certification and these are noted in the specific descriptions below.</i></b></p>	
<p><b>AIR COMPLIANCE OUTREACH COORDINATOR</b></p> <p><b>TMPPT5363</b></p> <p><b>(LG 7 / \$12.87 per hour)</b>  <b>35 hrs. per week for up to 12 weeks</b></p> <p><i>Supervisor: S. Eldridge</i></p>	<p>Do you like to Tweet, post on Facebook, message on Instagram or create videos on YouTube? Want to turn those skills into valuable work experience? Spend the summer helping to spread our message through social media platforms and creating a dynamic, comprehensive campaign for on-going use of those platforms. Develop plans and materials for outreach and education to municipalities, regulated entities and the public. Investigate and update critical contact information in the air database. Assist in protecting public health and the environment by educating the public on the actions they can take to reduce air pollution by ensuring that air-related laws and rules are followed. Assignments will be completed as part of a team, and will develop your interpersonal skills, communication skills and writing abilities.</p> <p><b><i>One year of experience in the review, analysis and control of electronic data required. Each year of approved formal education beyond High School may be substituted for one year of work experience.</i></b></p>
<p><b>AIR ENFORCEMENT</b></p> <p><b>TMPPT5362</b></p> <p><b>(LG 7 / \$12.87 per hour)</b></p>	<p>Do you care about clean air? Do you want to make a difference? This internship will support the NHDES mission to improve air quality and public health by ensuring regulatory compliance and encouraging environmental stewardship. This is an opportunity to see how air rules and statutes are developed and implemented, as well as how NHDES conducts inspections and enforcement to achieve compliance. Learn about and become actively involved in implementing the New Hampshire Air Pollution Control Act and federal Clean Air Act (CAA). Assist with the collection of missing annual emission reports and unpaid emission fees from permitted facilities. Investigate</p>



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<p><b>35 hrs. per week for up to 12 weeks</b></p> <p><i>Supervisor: J. Tilley</i></p>	<p>enforcement cases and draft enforcement actions to address potential violations. Learn how to collect and store compliance data in the NHDES ARD database and participate in data management initiatives. You will perform some field work and shadow NHDES staff as they conduct inspections and site specific testing throughout the state. You will review and evaluate environmental records and reports and assist in enhancing the Stationary Source Database (SSD) compliance modules. You will assist with the creation and dissemination of outreach materials on relevant compliance issues.</p> <p><b><i>One year of experience in the review, analysis and control of electronic data required. Each year of approved formal education beyond High School may be substituted for one year of work experience.</i></b></p>
<p><b>CLEAN VESSEL ACT (CVA)</b></p> <p><b>TMPPT5318</b></p> <p><b>(LG 4 / \$11.83 per hour)</b> <b>35 hrs. per week for 12 weeks</b></p> <p><i>Supervisor: M. Cofrin</i></p>	<p>Provide a broad range of support for activities under the NH CVA Program ranging from educational outreach to site inspection. The CVA Program involves marina managers as well as the boating community. Assignments may include marina site visits, compiling pump out data and preparing and delivering educational/promotional outreach programs. Receipt tracking, general accounting and promotional work for the coastal and inland mobile pump out service are also within the scope of expected assignments. You will increase your abilities to effectively communicate and plan and promote programs. This internship does require a good driving record and a comfort level working with the public, marinas owners, and completing boat inspections.</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>COASTAL BEACHES</b></p> <p><b>TMPPT5349</b></p> <p><b>(LG 4 / \$11.83 per hour)</b> <b>35 hrs. per week for 16 weeks</b></p> <p><i>Supervisor : A. McQuaid</i></p>	<p>Gain valuable experience with the tiered monitoring protocol of the Environmental Protection Agency (EPA), conducting coastal beach inspections to determine if beaches meet state standards provided in the BEACH guidance manual. You will inspect 16 coastal beaches during the summer for a total of 24 inspections each week. Five or six coastal beaches will be scheduled for inspection Monday through Thursday, with Friday inspections of those beaches with advisories. Work with fellow staff in the field and office on water quality monitoring, database management and program goals.</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>CYANOBACTERIA RESEARCH &amp; MONITORING</b></p> <p><b>TMPPT5317</b></p> <p><b>(LG 4 /\$11.83 per hour)</b></p>	<p>NHDES is responsible for monitoring and assessing over 200 public bathing places to protect the health of citizens using these locations. This position will focus on processing cyanobacteria samples from beaches and from drinking water sources. You will respond to harmful algal blooms reports, process samples for the determination of health risks, and complete public notifications when toxin levels are above safe levels. You will learn how to identify cyanobacteria, enumerate bacteria concentrations, and process samples for the detection of toxins produced by</p>



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<p><b>35 hrs. per week for 16 weeks</b></p> <p><i>Supervisor: A. McQuaid</i></p>	<p>cyanobacteria. You will learn field and laboratory procedures for cyanobacteria monitoring and will assist in the routine beach inspections for coastal and inland waters when needed.</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>EXOTIC SPECIES</b></p> <p><b>(2- LG 4 / \$11.83 per hour positions available)</b></p> <p><b>TMPPT5354</b>  <b>35 hrs. per week for 16 weeks</b></p> <p><b>TMPPT5309</b>  <b>35 hrs. per week for 24 weeks</b></p> <p><i>Supervisor: A. Smagula</i></p>	<p>Learn valuable skills in a well-rounded mix of field, laboratory and office activities related to freshwater biology and invasive aquatic species mapping and management, and become proficient in field and laboratory sampling related to freshwater biology and invasive aquatic species. Perform outreach and education activities, report writing and data entry activities. Field work will focus on lakes and ponds and includes working on a variety of boats to perform surveys of exotic aquatic plants and other aquatic life using GPS equipment, underwater cameras, and sonar devices. Laboratory work includes performing a variety of bench top analyses for lake and tributary water quality samples, preparing plant samples for identification and preparing herbarium specimens. Office work includes assisting with the preparation of long-term management plans for water bodies with exotic aquatic plants, performing data entry and management tasks, preparing presentations and education materials for outreach activities and some work in GIS to prepare maps for management plans and efforts.</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>FRESHWATER BEACHES</b></p> <p><b>TMPPT5348</b></p> <p><b>(LG 4 / \$11.83 per hour)</b>  <b>35 hrs. per week for 16weeks</b></p> <p><i>Supervisor: A. McQuaid</i></p>	<p>Gain experience related to water quality monitoring, database management and data quality control and procedures, conducting fresh water beach inspections and working with fellow staff in the field and office. You will conduct 168 inspections of freshwater beaches on a monthly basis to make sure public beaches are free from toxins and are safe for swimmers. Collect samples for water quality monitoring, quality control requirements and standard operating procedures, and cyanobacteria. Interact with town officials, the public and the media on problem areas.</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>LAKE ASSESSMENT</b></p> <p><b>TMPPT 5347</b></p> <p><b>(LG 4 / \$11.83 per hour)</b>  <b>35 hrs. per week for 13 weeks</b></p>	<p>Interested in lake water quality sampling techniques? Over the course of this internship, you will conduct field surveys and complete water quality sampling on 30 lakes and ponds. You will analyze water quality samples in the Jody Connor Limnology Center for a variety of water quality parameters and assist with data quality assurance and quality control checks (QA/QC). Your data may be used to complete the statewide assessment of our lakes and ponds. In addition to increasing your knowledge of limnological sampling procedures, you will increase your skills in</p>



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<p><i>Supervisor: S. Ashley</i></p>	<p>operating various field and laboratory equipment and you will have the opportunity for cross training in other program's field work. <b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>LAKE WATER QUALITY / VLAP</b> <b>(2- LG 4 /\$11.83 per hour positions available)</b> <b>TMPPT5356</b> <b>35 hrs. per week for 14 weeks</b> <b>TMPPT 5308</b> <b>35 hrs. per week for 24 weeks</b>  <i>Supervisor: S. Steiner</i></p>	<p>Gain field and laboratory experience working with citizen scientists to collect and analyze water quality data at lakes throughout the state for the Volunteer Lake Assessment Program (VLAP). Data gathered are utilized to assess lake health and develop long term data sets to be utilized for state and federal reporting requirements, development of TMDLs and watershed management plans, and to inform and evaluate state water quality criteria. This internship involves both scientific skills and interaction with the public to evaluate citizen science performance and educate the public on basic principles of lake ecology and limnology. You will visit approximately 60 lakes over the course of the summer to collect water quality data, train and evaluate citizen scientists, and analyze water quality samples performing multiple bench top analyses in the Jody Connor Limnology Center. Data generated are subject to weekly quality assurance and quality control checks (QA/QC), entered into the Environmental Monitoring Database, and distributed monthly to citizen science groups. <b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>PUBLIC POOL &amp; SPA</b> <b>(2- LG 4 /\$11.83 per hour positions available)</b> <b>TMPPT5357/ TMPPT 5359</b> <b>35 hrs. per week for 14 weeks</b>  <i>Supervisor: T. Wilson</i></p>	<p>Inspect Public Bathing Facilities (PBF's) and collect water samples in order to ensure compliance with NHDES rules. Draw upon a wide variety of scientific disciplines including chemistry, microbiology, and physics, and gain experience with field inspections, public/environmental health and safety, water analysis, laboratory procedures, scientific reporting, data management, regulatory compliance, conflict resolution, and effective communication. Interact with pool owners on compliance issues and compile data into the program database. The unique variety of experiences provided in this position will provide an opportunity to identify areas of interest that might not otherwise have been considered. Excellent interpersonal and communication skills required. <b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>RIVER MONITORING</b> <b>(2-LG 4 / \$11.83 per hour positions available)</b> <b>TMPPT5319 / TMPPT5320</b></p>	<p>Gain experience in conducting scientifically valid field research, assisting with water quality monitoring programs such as the River Trend and Synoptic Monitoring Programs, Complaint Investigations, Total Maximum Daily Load studies, development of water quality criteria, and the Volunteer River Assessment Program. These interns will have over 60 full days of field work involving the deployment of multi-parameter dataloggers, development of temperature criteria, biomonitoring, and other environmental data collection efforts. Office duties include</p>



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<p><b>35 hrs. per week for 12 – 18 weeks</b></p> <p><i>Supervisor: T. Walsh</i></p>	<p>maintenance of complex field equipment, data management, water sample submission and planning of field operations. These interns will also work on joint projects with the Jody Connor Limnology Center, the Volunteer River Assessment Program and the federal Clean Water Act 305b &amp; 303d water quality assessments.</p> <p><b><i>The selected candidate must possess a valid driver’s license and have a good driver’s record.</i></b></p>
<p><b>SMALL QUANTITY GENERATOR PROGRAM</b></p> <p><b>TMPPT5344</b></p> <p><b>(LG 4 / \$11.83 per hour)</b></p> <p><b>35 hrs. per week for up to 13 weeks</b></p> <p><i>Supervisor: C. Faro</i></p>	<p>Gain experience learning about the Resource Conservation and Recovery Act (RCRA) for hazardous waste management and travel throughout the state visiting small businesses, observing and learning about a wide variety of manufacturing processes and companies within NH. Have the opportunity to become trained as a certified Hazardous Waste Coordinator. You will conduct follow up visits at Small Quantity Hazardous Waste Generator facilities (i.e., businesses that produce hazardous waste) primarily in Rockingham and Strafford counties to verify compliance with the hazardous waste rules. You will learn how to observe and document findings as well as provide compliance assistance. Excellent interpersonal, communication, computer and writing skills required.</p> <p><b><i>The selected candidate must possess a valid driver’s license and have a good driver’s record.</i></b></p>
<p><b>STREAM BIOLOGY</b></p> <p><b>(2- LG 4 / \$11.83 per hour positions available)</b></p> <p><b>TMPPT5351 / TMPPT5352</b></p> <p><b>35 hrs. per week for 12 to 18 weeks</b></p> <p><i>Supervisor: A. Chapman</i></p>	<p>Gain field and data experience learning about the Federal Clean Water Act, the development of water quality analysis and criteria (numeric nutrient and temperature criteria), and biological assessments. Assist with extensive field work as part of a 2-4 person crew, including sampling and the collection of biological (fish and macroinvertebrates), chemical, and physical data from streams and rivers state wide. Field work includes working under strenuous conditions, and operation of complex and heavy equipment. Assist with compiling field data collected throughout the summer and early fall.</p> <p><b><i>The selected candidate must possess a valid driver’s license and have a good driver’s record.</i></b></p>
<p><b>WATER WELL INVENTORY ANALYST</b></p> <p><b>Position not assigned at posting</b></p> <p><b>(LG 7 / \$12.87 per hour)</b></p> <p><b>35 hrs. per week for 13 weeks</b></p>	<p>The Water Well Program is seeking an intern to digitize water well hydro-fracturing reports and decommissioning reports and match these reports to wells currently in the well completion database. Additional responsibilities will include generating standard operating procedures (SOPs) for future management of these reports and aide in geo-referencing and digitizing wells currently in the well completion database. This opportunity will provide a qualified applicant with an understanding of the water well inventory for NH, provide an understanding of NH water well construction rules, and provide exposure to NHDES regulations pertaining to well locations relative to septic systems, monitoring well construction and abandonment at environmental</p>



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<p><i>Supervisors: A. Fopiano &amp; B. Kernen</i></p>	<p>clean-up sites, and give insight to the process and outcomes of hydro-fracturing water wells. This experience will be helpful to persons intending to enter into environmental fields. Interest in hydrology, groundwater remediation, data analysis and experience with GIS/mapping is recommended. Attention to detail and task driven a must.</p>
<p><b>ENVIRONMENTAL TECHNICIAN I INTERNSHIPS:</b> <i>Environmental Technician I Internships require two years of experience performing technical environmental work in air analysis, noise or water quality control, forestry, soils, hydrology, geology, botany, biology or a related environmental field. Each additional year of approved formal education beyond High School may be substituted for one year of required experience.</i></p>	
<p><b>AIR PERMITTING</b></p> <p><b>TMPPT5373</b></p> <p><b>(LG 9 / \$13.86 per hour)</b> <b>35 hrs. per week for 12 weeks</b></p> <p><i>Supervisor: S. Rydel</i></p>	<p>This position will assist the Air Resources Permitting and Environmental Health Bureau (PEHB) in developing and implementing permitting programs. You will be exposed to all aspects of air regulations from regulatory, to permitting and compliance assurance. Have the opportunity to see up close how site inspections are completed, specifically ones related to those facilities for which you have worked on the permit renewal application, see how stack testing is done and visit air monitoring sites throughout the state. Assist with drafting state permits for regulated sources such as wood-fired boilers, emergency engines and asphalt plants. Correspond with regulated sources to obtain additional information during the permitting process. Evaluate environmental records and reports. Prepare application summaries including calculation spreadsheets.</p>
<p><b>ENVIRONMENTAL HEALTH PROGRAM</b></p> <p><b>TMPPT 5330</b></p> <p><b>(LG 9/ \$13.86 per hour)</b> <b>35 hrs. per week for 12 weeks</b></p> <p><i>Supervisor: J. Ali</i></p>	<p>Are you interested in understanding how science informs environmental health assessments and policy planning? This position will assist the Air Resources Permitting and Environmental Health Bureau (PEHB) in researching the development of surface water standards aimed at protecting environmental health. You will be exposed to multiple aspects of surface water regulations ranging from the initial research process through the planning of chemical risk assessments. Assist with drafting plans for health risk assessments for surface water protection, fish-consumption advisories, wildlife toxicology and human exposure characterization. Working alongside the PEHB toxicologist and risk assessors, this position will assist with the evaluation environmental records and reports, as well as develop technical writing skills for environmental health assessments.</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>



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<p><b>INLAND WETLANDS</b></p> <p><b>TMPPT5331</b></p> <p><b>(LG 9 / \$13.86 per hour)</b>  <b>35 hrs. per week for 12 weeks</b></p> <p><i>Supervisor: C. Bondi</i></p>	<p>Do you have a biological or GIS background as well an interest in wetlands science? In this internship you will gain valuable field experience in environmental field data collection, documenting site conditions, and communicating with interdisciplinary professionals. The position will provide experience with technical GIS data as well as increased knowledge of stream features, wildlife passage, and flood issues. You will be able to refine your technical skills through reviewing engineered site plans, perform stream assessments, wetland delineations and vernal pool surveys; and maintain GIS and environmental data to track inspection results regionally and statewide. Training will include field safety, data collection procedures, identification of various storm water treatment practices and introduction to stream processes and wetland vegetation identification.</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>LAND CONSERVATION STEWARDSHIP</b></p> <p><b>TMPPT5368</b></p> <p><b>(LG 9 / \$13.86 per hour)</b>  <b>35 hrs. per week for up to 12 weeks</b></p> <p><i>Supervisor: P. Susca</i></p>	<p>Excellent opportunity to gain experience in the field of land conservation. In the field, the intern will conduct stewardship monitoring surveys of land protected with grants from the water supply land protection grant program to ensure compliance with conservation easements and deed restrictions. In the office, the intern will ensure the program database is updated with respect to stewardship monitoring, assist with the review of applications for water supply land protection grants, and otherwise assist with the water supply land protection grant program. The intern might also assist with the source water protection program and private well outreach programs as needed. A substantial amount of time will be spent in the field, conducting site inspections, without accompaniment. A valid driver's license and the ability to work independently without getting lost in the woods are required. Map-reading skills and a knowledge of natural resources are highly desired.</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>SHELLFISH - Portsmouth</b></p> <p><b>TMPPT5333</b></p> <p><b>(LG 9 / \$13.86 per hour)</b>  <b>35 hrs. per week for up to 26 weeks</b></p> <p><i>Supervisor: C. Nash</i></p>	<p>Experience a wide range of monitoring protocols and quality control procedures, data management, field research, public health management, and practical experience in management of commercial and recreational shellfish harvest. Regular sampling of tidal waters and shellfish tissues for bacteria, red tide, and other parameters is an essential program requirement to protect public health, and is a required element for required reports to the USFDA. Assist with seawater, shellfish, and pollution source sampling, transportation of samples to Concord, performing shoreline surveys, conducting directed field studies, documenting pollution sources, managing databases, preparing reports, and other activities. <b><i>This position involves off shore field work.</i></b></p>





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<p><b>SMALL QUANTITY GENERATOR COMPLIANCE</b></p> <p><b>TMPPT5329</b></p> <p><b>(LG 9 / \$13.86 per hour)</b>  <b>35 hrs. per week for up to 13 weeks</b></p> <p><i>Supervisor: C. Faro</i></p>	<p>Learn about the Resource Conservation Recovery Act (RCRA) for hazardous waste management and travel throughout the state visiting small businesses, observing and learning about a wide variety of manufacturing processes and companies within NH. Have the opportunity to become trained as a certified Hazardous Waste Coordinator. You will conduct follow-up visits at Small Quantity Hazardous Waste Generator facilities (i.e., businesses that produce hazardous waste) primarily in Cheshire and Hillsborough counties to provide assistance, help businesses complete the required self-certification forms, and/or collect fees that may not have been submitted. This candidate should possess excellent people, communication, and active listening skills. Strong computer and writing skills and the ability to project a professional presence with the public is required.</p> <p><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></p>
<p><b>WATER QUALITY LAB ASSISTANT</b></p> <p><b>TMPPT 1170</b></p> <p><b>(LG 9/ \$13.86 per hour)</b>  <b>25 hrs. per week for 20 weeks</b></p> <p><i>Supervisor: S. Steiner</i></p>	<p>Jody Connor Limnology Center- Maintain day to day lab functions including sample receipt and log-in for lake and river water quality monitoring programs. Analyze lake and river water samples for a variety of chemical and biological parameters utilizing various benchtop meters, and maintain good data quality assurance and quality control. Communicate laboratory information, water quality data requests and general inquiries to monitoring programs and the general public. This position requires someone with exceptional organizational skills who excels at multi-tasking in a fast-paced, hectic, yet fun environment focused on providing valuable learning experiences for interns and providing high quality customer service to citizen scientists.</p>
<p><b>ENVIRONMENTAL TECHNICIAN II INTERNSHIPS:</b> <i>Environmental Technician II Internships require an Associate's Degree from a recognized college or technical college or two years of college with a major study in environmental engineering or one of the physical or biological sciences or other related environmental science and one years' experience performing technical environmental work in air analysis, noise or water quality control, forestry, soils, hydrology, geology, botany, biology or a related environmental field. Each additional year of approved formal education or work experience may be substituted for one year of the required education or work experience.</i></p>	
<p><b>SOURCE WATER PROTECTION</b></p>	<p>Contribute to on-going efforts to increase collaboration between the federal Clean Water Act and the Safe Drinking Water Act programs that protect source water quality. Gain an understanding</p>



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<p><b>TMPPT5339</b></p> <p><b>(LG12 / \$15.50 per hour)</b>  <b>35 hrs. per week for 12 weeks</b></p> <p><i>Supervisor: P. Rigrod</i></p>	<p>of source water protection activities related to NHDES' Chemical Monitoring Waiver Program and the science related to the conditions supporting cyanobacteria and mitigating precursor conditions. Assignments will include collection and analysis of existing water quality data from public water systems or other entities related to indicators of precursors for cyanobacteria blooms in source water and GIS field experience to document locations of wells and infrastructure (pump houses, etc.) to reduce GIS data inaccuracies or omissions that can affect the design, permitting and compliance decisions of the department and to ensure complete data sets that can confirm compliance with existing rules. Use GIS software to produce maps and basic spatial analysis and complete basic spreadsheet/graphing analytics. Provide outreach assistance with local private well outreach and sampling events that result in greater testing of private wells for common contaminants in groundwater. You will strengthen your GIS/GPS skills, your time management/organizational skills, and increase your understanding of well water sample collection protocols, standards for drinking water, treatment technology options for well water, and designing/using survey or other mechanisms for collecting feedback during community well testing events</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>STREAM CROSSING ASSESSMENT</b></p> <p><b>(4 positions available)</b>  <b>TMPPT5335, 5336, 5337, 5338</b></p> <p><b>(LG 12 / \$15.50 per hour)</b>  <b>35 hrs. per week for 12 weeks</b></p> <p><i>Supervisor: S. Csiki</i></p>	<p>Increase your knowledge of the geomorphic / stream process and then apply this in the field, collecting crossing data at channel and culvert sites, gaining insight into how environmental data is collected and then used in real world situations. You will collect and organize data, using GPS and field data, and learn the processes used to perform quality review on collected data. The data you help to collect can be used by state agencies and towns to prioritize their most problematic infrastructure, identifying public safety and flooding risks, and determine replacement priorities. This work will be completed as part of a team and involves extensive field work, at times in challenging environmental conditions.</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>STREAM CROSSING GIS</b></p> <p><b>TMPPT5550</b></p>	<p>Work to grow your skills in the use of Geographic Information Systems (GIS) and its use in the application of watershed-based analysis that serves as input to a spreadsheet-based culvert hydraulic model, while providing support to the state's stream crossing initiative. You will grow your knowledge of how collected field data is used to input to basic modeling and ranking tools to assist making decisions on prioritizing sites for infrastructure replacement and environmental restoration, through using these tools to determine hydraulic vulnerability at assessed stream crossings statewide, that will enhance public safety and reduce flood risks. Through this work, you</p>



# Examples of Past Internship Positions

<p><b>(LG 12 / \$15.50 per hour)</b>  <b>35 hrs. per week for 12 weeks</b></p> <p><i>Supervisor: S. Csiki</i></p>	<p>will also gain experience working with New Hampshire’s recently completed LiDAR dataset. While this is largely a GIS-based position, you will have the opportunity to assist with field data collection at stream crossings, gaining insights into practical field work, during the course of the internship.</p> <p><b><i>The selected candidate must possess a valid driver’s license and have a good driver’s record.</i></b></p>
<p><b>WATER RESOURCES GIS</b></p> <p><b>TMPPT3221</b></p> <p><b>(LG 12 / \$15.50 per hour)</b>  <b>35 hrs. per week for 12 weeks</b></p> <p><i>Supervisor: S. Csiki</i></p>	<p>Enhance your skills in the use of Geographic Information Systems (GIS) while obtaining understanding of their real world application, by editing the state’s official dataset of rivers and streams in areas where stream crossing assessments have occurred. You will organize output from culvert failure hydraulic models into formats ready to be connected to the rivers and streams dataset, while also gaining experience working with New Hampshire’s recently completed LiDAR dataset. Your work on these GIS tasks is important, when combined with stream crossing assessments underway, to prioritize the state’s most problematic infrastructure for culvert replacement and environmental restoration priorities. While this is largely a GIS-based position, you will have the opportunity to assist with field data collection at stream crossings, gaining insights into practical field work, during the course of the internship.</p> <p><b><i>The selected candidate must possess a valid driver’s license and have a good driver’s record.</i></b></p>
<p><b>ENGINEERING TECHNICIAN I INTERNSHIPS: <i>The Engineering Technician I Internships listed below requires an Associate Degree from a recognized college or technical institution with a major study in engineering, hydrology, geology, earth sciences or environmental studies, or an equivalent number of qualifying college credits, or two years of experience at a level equivalent to an Engineering Aide.</i></b></p>	
<p><b>WETLANDS/ LAND RESOURCE MANAGEMENT</b></p> <p><b>TMPPT5323</b></p> <p><b>(LG 10 / \$14.39 per hour)</b>  <b>35 hrs. per week for 12 weeks</b></p> <p><i>Supervisor: C. Bondi</i></p>	<p>Are you interested in expanding your knowledge and collecting valuable data on NH streams and rivers? In this position you will have the opportunity to use your engineering, biology or GIS background to assist with compiling field data to support an on-going GIS mapping initiative. You will attain field experience in documenting site conditions and performing stream assessments, assisting in stream restoration projects, review technical plans and erosion and sediment control plans for stream improvement projects. Other aspects include interacting with property owners, contractors, and environmental professionals, maintain environmental records and prepare field inspection reports. This intern will also assist the program in reviewing field data and upload information to be used in cloud-based database.</p> <p><b><i>The selected candidate must possess a valid driver’s license and have a good driver’s record.</i></b></p>



# Examples of Past Internship Positions

<p><b>WASTEWATER ENGINEERING TECHNICIAN I</b></p> <p><b>TMPPT 5369</b></p> <p><b>(LG 10/ \$14.39)</b>  <b>35 hrs. per week for 12 weeks</b></p> <p><i>Supervisor: T. Wood</i></p>	<p>This position will perform technical engineering duties and other support activities related to design review, construction management, asset management, permitting, operations, residuals management, and inspections under the guidance of senior level engineers. This internship will provide exposure to the many functions of the Wastewater Engineering Bureau (WWEB) such as design review and construction management of wastewater infrastructure projects, NPDES permit writing, NPDES compliance inspections, assisting Wastewater Treatment Facilities with operational issues, septage and sludge management as well as provide the opportunity to work under the direction of senior level engineers with diversified backgrounds. The ideal candidate will be an engineering student who is working towards obtaining their engineering degree.</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>
<p><b>ENVIRONMENTAL TECHNICIAN III INTERNSHIPS:</b> <i>Environmental Technician III Internships require an Associate's Degree from a recognized college or technical college or two years of college with a major study in environmental engineering or one of the physical or biological sciences or other related environmental science and two years' experience performing technical environmental work in air analysis, noise or water quality control, forestry, soils, hydrology, geology, botany, biology or a related environmental. Each additional year of approved formal education or work experience may be substituted for one year of the required education or work experience.</i></p>	
<p><b>HAZARDOUS WASTE COMPLIANCE</b></p> <p><b>TMPPT5307</b></p> <p><b>(LG14 / \$16.23 per hour)</b>  <b>35 hrs. per week for 14 weeks</b></p> <p><i>Supervisor: T. Leedberg</i></p>	<p>Assist and support the Hazardous Waste Compliance Section to maintain an inspection presence at 2,221 hazardous waste generating facilities across the state, to prevent future hazardous waste sites and threats to human health and the environment, and to meet EPA funded grant commitments. Conduct field surveys of hazardous waste generator facilities, universal waste handlers, and used oil facilities to document compliance under the NH Hazardous Waste Rules and identify potential violations. Write reports, and prepare recommendations for compliance assistance and enforcement. Identify facilities that have not notified the department of its hazardous waste activities or have notified improperly and are operating under an inaccurate generator classification. You will also have the opportunity to visit recently notified facilities to provide general hazardous waste compliance information and provide assistance to the facility. Knowledge of state and federal hazardous waste regulations, a background in organic chemistry and knowledge of industrial manufacturing processes is preferred. A recent college graduate looking for experience in environmental regulatory compliance and enforcement would be ideal.</p> <p><b><i>The selected candidate must possess a valid driver's license and have a good driver's record.</i></b></p>



# Examples of Past Internship Positions

**\*Note: Internship opportunities are subject to change, based on funding availability.**

Students in all fields of study are welcome to apply to any of the Labor Grade 4 Internships. Internships Labor Grade 5 and above may require specific experience or college level course completion. These additional requirements are noted above.

The standard work week is Monday through Friday. Positions are based in Concord unless otherwise noted.

Interested applicants should complete and submit *one* application package consisting of a completed state employment application, a cover letter, a resume, an official copy of your most current college transcript, and a completed Contact Information form indicating which positions are of greatest interest. A state employment application can be obtained in the following manner: PDF or Word format on the NHDES website; requested via email at [hr@des.nh.gov](mailto:hr@des.nh.gov); or by calling Alysa Dow, HR Technician at (603) 271-8875. For hearing-impaired at TDD access: Relay NH 1-800-735-2964. Please note that a resume *will not be accepted in lieu of* a completed employment application and a complete application package must be submitted for employment consideration this summer, even if you have previously been employed as a NHDES Intern. **EOE**

Criminal background review will be required before hire for all internships. Candidates must be at least 18 years old if the position requires driving a state vehicle, and must satisfactorily pass a driver's record check before hire.

A completed application package can be sent to NHDES in the following manner: electronic application documents can be sent via email to [hr@des.nh.gov](mailto:hr@des.nh.gov); paper application documents can be sent via US Mail to NHDES, PO Box 95, Concord, NH 03302-0095, Attn: Alysa Dow, Human Resources; and paper application documents may also be hand delivered to Alysa Dow, Human Resources, NHDES, 29 Hazen Drive, Concord, NH 03301. Please note our business hours are 8 AM to 4 PM, Monday through Friday.

**All application packages must be either hand delivered, electronically sent or be postmarked by March 11, 2020.**

*You will be contacted by Alysa Dow if your application package is incomplete. If you are selected for interview, you should expect to be contacted directly by the hiring managers.*