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457.889.8447  
William Glen  
Water Division Chief - Town of Middlebury  
New Haven VT - Email me on Indeed: indeed.com/r/William-Glen/56bccaa54a80c0ed  
WORK EXPERIENCE  
Water Division Chief  
Town of Middlebury - Middlebury VT - July 2005 to Present  
Responsible for the operation of a public water system with 2200 service connections. Duties include the supervision of employees and the maintenance of wells distribution system and related infrastructure. Other duties include water system improvements monitoring and management of water quality backflow prevention leak detection and upgrading of metering technology. Responsible for professional and effective interface with regulatory agencies developers engineers contractors the highway department and the public. Function as public works liaison with engineering firms interpreting and facilitating complex engineering projects.  
Water Treatment Plant Operator  
City of Saint Albans St. Albans - Saint Albans VT - January 2004 to July 2005  
Operated and maintained both conventional and direct filtration water treatment plants. Performed daily water analyses and record keeping duties; maintained and repaired equipment including pumps valves filters and laboratory instruments. Monitored water treatment process for quality and compliance with state and federal regulations. Identified treatment process problems and made process changes to insure optimum finished water quality.  
Engineering Process Technician  
IBM - Essex Junction VT - October 2000 to July 2003  
Responsible for improving and maintaining semiconductor manufacturing process controls including chemical vapor deposition and reactive ion etch. Deployed defect reduction protocols; developed monitor rework processes; and qualified reduced flow deposition chamber cleans (C2F6 and NF3) to decrease PFC emissions and process chemical consumption. Other duties included providing data to maintenance personnel to facilitate tool repairs; responding to manufacturing inquiries; and working with design engineers to develop processes for new technologies with an emphasis on manufacturability.  
Staff Scientist  
Clancy Environmental Consultants Inc - Saint Albans VT - November 1995 to October 2000  
Performed analyses supporting research for the detection of Giardia lamblia and Cryptosporidium parvum in drinking water. Assisted in challenge studies of various water filtration systems and inactivation devices both in the laboratory and in the field. Conducted microscopic particulate analyses to evaluate filtration plant performance and surface water influences on groundwater. Performed other analyses as needed including those for total and fecal coliform heterotrophic plate counts and zebra mussels. ICR-approved (Information Collection Rule) analyst for Giardia lamblia and Cryptosporidium parvum. Served as liaison to utilities to assure their compliance with EPA regulations regarding protozoan and virus monitoring. Maintained an ICR QC database and submitted it to the EPA on a monthly basis. Trained utility personnel on EPA protozoan monitoring methods as well as experimental protozoan detection and viability assays.  
Staff Scientist/Quality Control Officer  
Analytical Services Inc - Williston VT - October 1994 to November 1995  
   
Provided assistance to laboratory personnel for analyses of Giardia lamblia Cryptosporidium parvum and total coliform bacteria. Served as company liaison to regulatory/certifying agencies. Reorganized and maintained laboratory quality control/quality assurance program for total coliform analysis certification. Provided customer service including information on proper sampling equipment and techniques to maintain EPA compliance.  
Microbiologist  
Analytical Services Inc - Middlebury VT - June 1995 to August 1995  
Seasonal temporary position. Performed E.coli bacteria and total phosphorus analyses on river water samples for seasonal river watch group. Maintained QC and provided instruction and equipment to volunteers.  
Temporary Lab Technician  
State of Vermont Dept. of Health Laboratory - Burlington VT - June 1994 to October 1994  
Provided support to scientists in the chemistry and microbiology laboratories. Other responsibilities included media and glassware preparation disposal of bio-hazardous materials and providing information to the public.  
Engineering Technician/Manufacturing Group Leader  
Bio-Tek Instruments Inc - Winooski VT - August 1984 to October 1991  
Assisted R&D engineers with fabrication and testing of biomedical equipment. Trained and supervised groups of production personnel. Delegated work to meet production deadlines and quality control standards.  
EDUCATION  
Bachelor of Science in Biology  
Trinity College of Vermont - Burlington VT May 1994  
Liberal arts  
University of Vermont - Burlington VT June 1989 to August 1992  
Mount Abraham Union High School - Bristol VT 1981  
ADDITIONAL INFORMATION QUALIFICATIONS AND ABILITIES  
 Results-driven public works professional with established experience in water treatment and distribution as well as research and testing  
 Extensive experience complying with regulatory agencies  
 Solid track record in troubleshooting and solving complex problems within challenging and changing circumstances  
 Skilled in streamlining processes reducing costs and meeting deadlines  
 Extremely strong mechanical and technical aptitude coupled with creative problem-solving Demonstrated interpersonal skills; ability to communicate effectively with diverse individuals groups and agencies  
 Proven ability to take on new responsibilities and learn new content areas with ease  
 Seasoned leadership abilities in training and supervising employees and volunteers  
 Meticulous laboratory technique; excellent quality assurance and quality control skills  
 Bachelor of Science Biology  
 Class 4C Water Operator's License  
 Management Certificate Vermont Local Roads Management Academy Commercial Driver's License Class B  
 High degree of computer literacy from Microsoft Office to GIS Mapping