



Program Manager, Anaerobic Digestion/Combined Heat & Power (AD/CHP)

Accokeek, Maryland

WSSC Water, one of the nation's largest water and resource recovery utilities in the nation, seeks a **Program Manager, Anaerobic Digestion/Combined Heat & Power (AD/CHP)** to plan, direct and manage the overall long-term operation and maintenance of the Anaerobic Digestion/Combined Heat & Power (AD/CHP) facility at the Piscataway Water Resource Recovery Facility in Accokeek, MD.

Key Responsibilities:

- Assumes responsibility and legal accountability for the effective operation, maintenance and management of all aspects of a major AD/CHP plant including cake receiving, de-watering and side stream treatment operations
- Plans, organizes and directs the activities of a major AD/CHP facility including thermal hydrolysis pre-treatment, mesophilic anaerobic digestion, fats, oils & grease handling equipment, cake receiving, de-watering operations, side stream treatment and combined heat & power processes and equipment
- Confers with supervisors and staff, analyzes, evaluates and makes determinations concerning AD/CHP plant operations and maintenance
- Acts as a WSSC Water project team member for the design and commissioning of the AD/CHP plant
- Develops and maintains standard operating and emergency procedures and operation manuals for AD/CHP facility
- Performs operational review of plans and specifications for the new AD/CHP facility, expansions and process modifications

- Prepares and/or approves work schedules for 24 hour/day plant operations
- Develops and/or approves chemical, material, and service contract specifications
- Maintains chemical supplies and spare parts inventories; schedules replenishments and requisitions tools, equipment and supplies
- Coordinates with Piscataway WRRF's safety program; investigates accidents and completes required reports

Minimally, a qualified Program Manager, AD/CHP, will have:

- **BS degree in Civil, Environmental, Chemical or Mechanical Engineering, or a related engineering discipline**
- **7+ years' experience in environmental, water and wastewater utility operations and/or maintenance**
- **3+ years of management/supervisory experience**
- Comprehensive knowledge of the contemporary concepts, principles, methods and practices in the field of civil, mechanical, electrical, and process control engineering related to wastewater plant design, operations and maintenance
- Thorough knowledge of the equipment, processes, materials, operations and maintenance practices of a modern wastewater treatment plant
- Basic knowledge of budgeting and financial management
- Knowledge of plant discharge requirements under the Federal Clean Water Act
- Preferably, the ideal candidate will also possess:
 - Graduate-level coursework in engineering or business
 - Management and operations and maintenance experience with an AD/CHP plant of similar or larger size
 - Operations and maintenance experience with high pressure steam, boiler, and power generation systems

To learn more about WSSC Water, please visit www.wsscwater.com. If you are interested in applying for this opportunity (vacancy # 20-0119), please visit our Careers page at <https://wsscwater.peopleadmin.com/>.

Other Information:

Salary Range: \$103,905 - \$158,617

Position is Open Until Filled

EOE M/V/D

