



## United States Department of the Interior

### NATIONAL PARK SERVICE

Denali National Park & Preserve  
Mile 237 Parks Highway  
P.O. Box 9  
Denali National Park, AK 99755

RECRUITMENT BULLETIN: **DENA-15-046**

ISSUE DATE: February 27, 2015

CLOSING DATE: March 12, 2015

### ***JOBS AVAILABLE THROUGH THE ALASKA LOCAL HIRE PROGRAM-- PUBLIC LAW 96-487***

**Denali National Park and Preserve** is accepting applications for a full-time permanent, subject to non-pay status position. This announcement is also online at [www.nps.gov/dena/parkmgmt/jobs-local-hire.htm](http://www.nps.gov/dena/parkmgmt/jobs-local-hire.htm).

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#### **POSITION**

**Utility Systems Repairer Operator, WG-4742-07/09**  
\$22.20-\$35.29 per hour

#### **DUTY LOCATION**

Denali Park, AK

**APPOINTMENT INFORMATION:** Full-time, permanent career-seasonal. A permanent career-seasonal position includes all benefits of permanent employment, but does not provide for employment on a full-time year-round basis. As a condition of employment and (depending on workload needs and/or funding), the employee is guaranteed work for at least 9 months but not more than 11 months each service year. When services are not required, employee will be placed in a non-work, non-pay status. A minimum of 2 weeks in non-pay and non-duty status is required each service year. While in pay and duty status, the employee will work a full-time work schedule (40 hours per week). Salary, vacation and sick leave earnings, which are normally based on year-round employment, will be prorated according to the number of weeks actually worked each year. The waiting period of within-rate increases (step increases) and career tenure may also be extended by a portion of the time spent in non-pay status. There is a promotion potential to a GS-9. Promotion is neither guaranteed nor automatic.

**BENEFITS:** Working for the National Park Service offers a comprehensive benefits package that may include, in part, sick and personal leave, holidays, life and health insurance, retirement benefits, and participation in the Thrift Savings Plan which includes a percentage of government matching contributions. The person hired may be converted to competitive service career or career conditional status after completing two years of continuous satisfactory service in a permanent position and meeting government wide qualification standards.

#### **DUTIES:**

Duties include but are not limited to:

- At the WG-09 level, the incumbent will be the primary operator for the Dual-power Multi-cellular Aerated lagoon treatment plant. Plant effluent is disinfected by chlorination with Hypochlorite solution and de-chlorinated by Bisulphate solution. Responsibilities as an operator require the performance of laboratory tests on influent, effluent, and mixed liquids at varied process points for such things as biochemical oxygen demand (BOD), total suspended solids (TSS), chlorine residuals, total coli forms and other parameters, and adjusting liquid level in cells, mixing flow rates between influent and winter storage cell effluent, and other process controls to produce the best effluent possible prior to discharge to the river.
- Incumbent is required to keep accurate logs on the various phases of operation, plant condition, and laboratory test results. Incumbent is responsible for reporting to the primacy agency within the requirements of the system discharge permit.

- At the WG-09 level, the incumbent operates a variety of water treatment systems. These systems include bag filtration water treatment plant, infiltration gallery treatment plant and numerous Photovoltaic powered well systems at outlying areas. The systems all use hypochlorite solution for disinfection and one system requires tri-poly phosphate injection. The incumbent will be responsible for daily, weekly and monthly inspections of the systems in order to meet the standards set forth by Federal and State Environmental Protection Agency regulations.
- At the WG-07 level, the purpose of this position is to serve as an entry level Utility Systems Repairer Operator (USRO) with primary responsibility for the operation, maintenance and repair of water and wastewater treatment facilities at Denali National Park & Preserve. The work performed involves a variety of duties and on-the-job training designed to prepare the incumbent for increased responsibility in the operation of complicated utility systems.

**WHO CAN APPLY:** Any U.S. citizen who has acquired special knowledge or expertise regarding the natural or cultural resources of Denali National Park and Preserve, by reason of having either lived or worked in or near the park. This level of knowledge would be acquired by having lived or worked in or near the park for at least 12 months, to include all four seasons. Short seasonal residency is not qualifying as this would not provide the level of knowledge or expertise that is gained through experiencing the range of climactic conditions and associated impacts on the resources.

Areas considered "near" Denali National Park only includes: Nenana, Anderson, Clear, Ferry, Healy, Denali Park, Kantishna, McKinley Village, Cantwell, Chulitna, Curry, Petersville, Trapper Creek, Talkeetna, Lake Minchumina, Nikolai, Tanana and Telida.

**QUALIFICATION REQUIREMENTS:** Qualifications will be determined by evaluating experience and education as described in the resume, particularly in the Knowledge, Skills, and Abilities listed below. All qualification requirements must be met by the closing date of this job posting.

**KNOWLEDGE, SKILLS, AND ABILITIES (KSAs):**

The answers to the following questions will help us to evaluate your qualifications to perform the duties of this position. Please note that only qualified applicants will be referred. It is important to **provide detailed information about and examples of your experience**, particularly in the following Knowledge, Skills and Abilities. Describe experience (paid or unpaid), education, training, awards and self-development that show your level of experience related to each KSA.

*Use a separate sheet of paper with corresponding numbers for your answers.*

1. Ability to do the work of a Utility Systems Repairer Operator WG-07 with no more than normal supervision.
2. Knowledge of equipment assembly, installation, repair, etc
3. Technical practices (theoretical, precise, artistic).
4. Use of measuring instruments.
5. Ability to interpret instructions, specification, etc. (includes blueprint reading).
6. Ability to user and maintain tools and equipment.
7. Knowledge of Materials.
8. Ability to communicate orally and in writing.

**CONDITIONS OF EMPLOYMENT:**

- Favorable suitability background investigation. Results of the investigation must be adjudicated **prior** to employment.
- Federal employees are required to utilize Direct Deposit (EFT), for their Federal Salary checks.
- This position requires a two year trial period.

**VETERANS' PREFERENCE:** All applicants claiming veterans' preference **MUST** submit a copy of their DD-214, Military Discharge" which shows the type of discharge received. In addition, those claiming 10-point veterans' preference **MUST** submit a copy of an SF-15, "Claim for 10-point veterans' preference," and the verifying documentation listed on the back of the SF-15, such as a copy of the latest Veterans Administration disability certification. To obtain further information about veterans' preference, refer to [www.opm.gov/veterans/html/vetguide](http://www.opm.gov/veterans/html/vetguide). You will not receive veterans' preference if you do not provide this documentation.

**HOW TO APPLY:**

***PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY! Incomplete applications may result in non-referral of your application.*** Assistance and forms may be obtained from the park office at the address above or by calling 907-683-9648. **The SF-15 may be obtained through the Internet at [www.opm.gov/forms](http://www.opm.gov/forms).**

**All applications must be postmarked or received in the Human Resources Office at Denali National Park by the closing date of the announcement.** If your application package is postmarked on the closing date it must be received by the Human Resources Office no later than 7 calendar days after the closing date. Hand delivered applications must be received by close of business on the closing date. ***Please call ahead to ensure someone is in the office to receive your application around the Thanksgiving holiday. Call 907-683-9648.***

**Mail or deliver the following required forms to Park Headquarters, Denali National Park and Preserve, P.O. Box 126, Denali Park, AK 99755:**

- **Resume** that provides detailed information about your work experience. Include the dates worked (for example, June 2009 through August 2010), work schedule (for example, 40 hours per week); the position title; and employer name for each period of employment or volunteer work.
- **Answers to the KSAs** listed above (*required - you need to respond to the KSAs*)
- **Completed Local Hire Eligibility Questionnaire** (attached to the announcement or can be obtained from the park office)
- **Assessment Questionnaire** (attached to the announcement)
- DD-214 if claiming veterans' preference; if claiming 10-point veterans' preference, also include the SF-15 and verification documents described on the back of the SF-15.
- Although not required you are encouraged to submit the attached "Applicant Background Survey" (DI-1935) with your application. Please ensure that it is the last page of your application package, as it is removed from your application before it is forwarded to the selecting official.

It is the applicant's responsibility to provide documentation/proof of claimed status veterans preference, qualifications, and education. Applicants will not be solicited for further data if that provided is found to be inadequate, illegible, or incomplete.

Application materials will not be returned, therefore do not submit original documents that you may need in the future, or extra materials such as letters of recommendation, photographs, or award certificates.

We do not accept faxed or electronic resumes or applications, or applications mailed in postage paid government envelopes or through an internal government mail system.

If you make a false statement in any part of your application you may not be hired or you may be fired after you begin work; or you may be subject to fines, imprisonment or other disciplinary action.

**Reasonable Accommodations:** The agency provides reasonable accommodations to applicants with disabilities where appropriate. If you need a reasonable accommodation for any part of the application and hiring process, please notify the park office listed on this announcement. Determinations on requests for reasonable accommodations will be made on a case-by-case basis.

**Privacy Act Information** The application you submit for this position contains information subject to the privacy act of 1974 (PL-93-579, 4 USC 552a). We are required to provide you with information regarding our authority and purpose for collecting this data, the routine uses which will be made of it and the effects, if any, of non-disclosure. You are entitled to the same information as it pertains to disclosure of your social security number. Any questions you may have regarding the Privacy Act regulations and the rights it extends can be answered by contacting the park office.

**Equal Employment Opportunity** Appointments are made without regard to race, color, age, sex, sexual orientation, religion, political affiliation, national origin, marital status, non-disqualifying handicap condition or any non-merit factor.

**ALASKA LOCAL HIRE APPLICANT ELIGIBILITY QUESTIONNAIRE**  
**Utility Systems Repairer Operator, WG-4742-07/09, Perm STF**  
**DENA-15-046**

*This eligibility questionnaire must be submitted with your application package. Please print your name and answer the following:*

Your Legal Name (please print): \_\_\_\_\_

**Eligibility Questions**

1. How long have you lived or worked in the vicinity of Denali National Park and Preserve? (circle the **one** statement that applies)

- a. Less than 12 months
- b. 12 months or more
- c. I have not lived or worked in or near the park

2. What time of year have you lived or worked in or near Denali National Park and Preserve? (circle **all** that apply)

- a. during all or part of December through February
- b. during all or part of March through May
- c. during all or part of June through August
- d. during all or part of September through November
- e. I live (or have lived) in or near the park on a year around basis.

3. List your physical address(es) while living in the vicinity of Denali National Park and Preserve, and approximately when you lived there (month & year, for example Oct 2001 to September 2005)

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4. Do you have knowledge, by virtue of living in this area, of one or more of the items listed below (circle **all** that apply)?

- a. Community history such as: specific dates, important events, seasonal observations, customs, etc.
- b. Geographic features and/or unique land markers such as: mountain or river locations, types of landscapes, or other
- c. Wildlife (including identification of): mammals, birds, big game, fish, or other animals specific to the area.
- d. General knowledge of safety precautions, weather conditions, recreation options, and important information knowledgeable to the local community.
- e. Supplies and logistics needed for field camping including area-specific needs or that incorporate challenges or safety aspects specific to the area.
- f. Other unique information not listed above that shows familiarity with the full range of typical conditions that affect the work to be accomplished. Describe here (use additional paper if needed):

g. I do not have knowledge or experience as listed above.

5. How did you obtain your knowledge of the Denali National Park and Preserve (circle **all** that apply)?

- a. Personal knowledge such as: fishing, hunting, camping, hiking, etc.
- b. Professional: obtained through work (this work, and the date and year worked, must be cited in your resume)
- c. Official training: high school class, college course
- d. Other resource used to obtain knowledge that is not listed above (you may be asked to elaborate later).
- e. I do not have the knowledge listed above.

**Applicant Certification:**

I certify that the statements made on this application are true, correct and complete to the best of my knowledge. I understand that the information I provide may be verified and that I will not be considered if it is found to be inaccurate.

Applicant signature \_\_\_\_\_

Date \_\_\_\_\_

## Applicant Background Survey

**GENERAL INSTRUCTIONS:** The information from this survey is used to help ensure that agency personnel practices meet the requirements of Federal law. Your responses are voluntary. Please answer each of the questions to the best of your ability. Read each item thoroughly before completing the appropriate code number in the blank.

<b>VACANCY ANNOUNCEMENT NUMBER</b>  <b>DENA-15-046</b>	<b>TODAY'S DATE:</b> (MM/DD/YY)
<b>POSITION TITLE: Utility Systems Repairer Operator</b>	<b>SERIES/GRADE: WG-4742-07/09</b>
<b>1.NAME:</b> (Last, First, MI)	
<b>4. How did you learn about the position or exam you are applying for? Please circle your choice(s).</b>	
01 Private Information Service 02 Magazine 03 Newspaper 04 Radio 05 Television 06 Poster 07 Private Employment Agency 08 State Employment Office	09 Agency Personnel Office 10 Federal Government recruitment at school/college 11 Federal/State/local job information 12 Religious Organization 13 School/college counselor or official 14 Friend/Relative working in agency 15 Friend/Relative not working in agency 16 Other(specify)_____
<b>5. Please categorize yourself in terms of race and sex using the definitions below. Indicate in space number 6 the RACE/ETHNIC CODE which indicates the group you identify yourself. Check the appropriate space in number 7 to show your sex.</b>	
<b>A</b> - American Indian or Alaskan Native <b>B</b> - Asian or Pacific Islander <b>C</b> - Black, not of Hispanic Origin <b>D</b> - Hispanic <b>E</b> - White, not of Hispanic Origin	<b>6. RACE/ETHNIC CODE:</b> _____ <b>7. Check to indicate your sex.</b> Female: _____ Male: _____
<b>8. Do you have any disabilities? Yes    No</b>	
<b>PRIVACY ACT INFORMATION</b> This information is provided pursuant to Public Law 93-579 (Privacy Act of 1974), December 31, 1974, for individuals completing Federal records and forms that solicit personal information. <b>AUTHORITY:</b> Sections 1302, 3301, 3304, and 7201 of Title 5 of the U.S. Code. <b>PURPOSE AND ROUTINE USES:</b> The information from this survey is used for research and for a Federal Equal Opportunity recruitment program to help ensure that agency personnel practices meet the requirements of Federal law. <b>EFFECT OF NONDISCLOSURE:</b> Providing this information is voluntary. No individual personnel selections are made based on this information. <b>INFORMATION REGARDING DISCLOSURE OF YOUR SOCIAL SECURITY NUMBER UNDER PUBLIC LAW 93-579, SECTION 7 (b):</b> Solicitation of Social Security Number by the Office of Personnel Management is authorized under provisions of Executive Order 9397, dated November 22, 1943, and is used to relate this form with other records that you file with Federal agencies.	

## ASSESSMENT QUESTIONNAIRE

Utility Systems Repairer Operator, WG-4742-07/09

***From the descriptions below, select the one response that best describes how your background meets the basic experience requirements for a Utility Systems Repairer Operator, WG-5406-07 position. Read all of the responses before making your selection. MARK ONLY ONE RESPONSE. If you select more than one response, or leave this question blank, you will be rated ineligible. If you do not meet these minimum qualifications, you will be considered ineligible and will not receive consideration for this position. THE RESUME OR APPLICATION MATERIALS YOU SUBMIT FOR THIS ANNOUNCEMENT MUST SUPPORT THE ANSWERS YOU CLAIM UNDER THIS AND OTHER QUESTIONS. IF NOT, YOU WILL BE FOUND TO BE INELIGIBLE FOR THIS POSITION OR YOUR SCORE WILL BE LOWERED.***

- A. I have experience assisting other operators in a wastewater and potable treatment systems to assure that the facilities water and wastewater effluent meets the requirements established by state and federal agencies; my experience included work in a water or wastewater treatment facility performing laboratory tests to assure regulatory compliance, evaluating plant or system efficiency and process control which included the collection system, lift station and treatment plant; monitored, maintained, and repaired all facets of a sewer and water operation including repair work on plumbing fixtures, service lines, water mains, and valves under immediate supervision. AND I have appropriate State Certification in at least one (1) of the following: Water Treatment Plant Operator, Wastewater Treatment Plant Operator, Water Distribution System Operator, Backflow Prevention Device Tester or Potable Water Bacterial Lab Analyst. (NOTE: If your certification is from another state you must immediately seek reciprocal certification which must be obtained no later than one year after appointment to the position).
- B. I have experience assisting other operators in a wastewater and potable treatment systems to assure that the facilities water and wastewater effluent meets the requirements established by state and federal agencies; my experience included work in a water or wastewater treatment facility performing laboratory tests to assure regulatory compliance, evaluating plant or system efficiency and process control which included the collection system, lift station and treatment plant; monitored, maintained, and repaired all facets of a sewer and water operation including repair work on plumbing fixtures, service lines, water mains, and valves under immediate supervision. I do not have any State Certifications in Water Treatment Plant Operator, Wastewater Treatment Plant Operator, Water Distribution System Operator, Backflow Prevention Device Tester or Potable Water Bacterial Lab Analyst.
- C. I have experience as a maintenance worker performing common trade practices performing repair work on plumbing fixtures, service lines, water mains, and valves under direct supervision.
- D. I am able to perform simple maintenance tasks, but I know little or nothing about utilities. I do not have on-the-job training or experience in this area.

***From the descriptions below, select the one response that best describes how your background meets the basic experience requirements for a Utility Systems Repairer Operator, WG-4742-09 position. Read all of the responses before making your selection. MARK ONLY ONE RESPONSE. If you select more than one response, or leave this question blank, you will be rated ineligible. If you do not meet these minimum qualifications, you will be considered ineligible and will not receive consideration for this position at the WG-09 level. THE RESUME OR APPLICATION MATERIALS YOU SUBMIT FOR THIS ANNOUNCEMENT MUST SUPPORT THE ANSWERS YOU CLAIM UNDER THIS AND OTHER QUESTIONS. IF NOT, YOU WILL BE FOUND TO BE INELIGIBLE FOR THIS POSITION OR YOUR SCORE WILL BE LOWERED.***

- A. I have experience that demonstrates the ability to serve as a primary operator for a water treatment facility, water distribution system, waste water treatment facility and collection system. I have operated a direct and indirect filtration plant, well system, and spring box with associated disinfection systems including hypo chlorination; working knowledge of chemical addition, coagulation, flocculation, sedimentation, filtration and backwash procedures as it pertains to a direct and indirect filtration plant; performed all process control tests such as pH, turbidity, chlorine residual, alkalinity, jar tests, temperature, iron, corrosives and aluminum to determine the process adjustments necessary to assure effluent quality complies with required parameters set by the Public Health Service and Environmental Protection Agency; made proper adjustments to hypo chlorinator to meet regulatory residual requirements; working knowledge of the Safe Drinking Water Act and the primary and secondary standards; and tracked all laboratory test results. My experience included work as an operator for wastewater treatment facilities which included a collection system, lift station and treatment plant; served as an operator for a potable water treatment plant and distribution system, monitored, maintained, and repaired all facets of sewer and water operation including repair work on plumbing fixtures, service lines, water mains, and valves without direct supervision. AND I have Water Treatment Plant Operator Certification, Wastewater Treatment Plant Operator Certification, Water Distribution System Operator Certification, Backflow Prevention Device Certification and Potable Water Bacterial Lab Analyst. (If your certification is from another state you must immediately seek reciprocal certification which must be obtained no later than one year after appointment to the position.)
- B. I have experience that demonstrates the ability to serve as a primary operator for one (1) of the following; Primary operator for a water treatment facility, water distribution system, waste water treatment facility or collection system. I have operated a direct and indirect filtration plant, well system, and spring box with associated disinfection systems including hypo chlorination; working knowledge of chemical addition, coagulation, flocculation, sedimentation, filtration and backwash procedures as it pertains to a direct and indirect filtration plant; performed all process control tests such as pH, turbidity, chlorine residual, alkalinity, jar tests, temperature, iron, corrosives and aluminum to determine the process adjustments necessary to assure effluent quality complies with required parameters set by the Public Health Service and Environmental Protection Agency; made proper adjustments to hypo chlorinator to meet regulatory residual requirements; working knowledge of the Safe Drinking Water Act and the primary and secondary standards; and tracked all laboratory test results. My experience included work as an operator for wastewater treatment facilities which included a collection system, lift station and treatment plant; served as an operator for a potable water treatment plant and distribution system, monitored, maintained, and repaired all facets of sewer and water operation including repair work on plumbing fixtures, service lines, water mains, and valves without direct supervision. AND I have one (1) of the following, Water Treatment Plant Operator Certification, Wastewater Treatment Plant Operator Certification, Water Distribution System Operator Certification, Backflow Prevention Device Certification and Potable Water Bacterial Lab Analyst. (If your certification is from another state you must immediately seek reciprocal certification which must be obtained no later than one year after appointment to the position.)
- C. I have experience as a Maintenance Mechanic and have repaired all facets of sewer and water operation equipment including repairing lift stations, pumps, controls, plumbing fixtures, service lines, water mains, and valves without direct supervision.
- D. I am able to perform simple maintenance tasks, but I know little or nothing about utilities. I do not have on-the-job training or experience in this area.

**INSTRUCTIONS:** For the statements below, please select from A through E to indicate the skill level that you possess for each task listed. The statements were developed based on the knowledge, skills, abilities, and competencies needed to perform the work of this position.

**Be sure to describe the experience that supports your answers to the statements below in your resume or application materials. It is important that your application package include a resume or application form, and clearly shows how you possess the experience and skills levels you claim in this questionnaire. Each of your responses must be clearly supported by your education, training, and/or specific work experience you describe in your application packet submitted for this position (application form or resume, transcripts, list and description of training completed and/or other items you submit). If not, your score will be lowered or you will be found not qualified. The information you provide will be verified. Any exaggeration of your experience, false statements, or attempts to conceal information may be grounds for rating you ineligible, not hiring you, or for firing you after you begin work.**

A- I have not had experience, education, or training performing this task.

B- I have completed formal education or training performing this task, but I have not performed this task on the job.

C- I have performed this task on the job under close supervision by a foreman, supervisor, or senior employee.

D- I have performed this task as a regular part of my job, independently and usually without review by a supervisor, foreman, or senior employee.

E- I am regarded as an expert in performing this task, and/or have trained other employees (or am consulted by others) on how to do it.

1. Monitor, repair, and maintain all facets of a potable water treatment facility including repair work on plumbing fixtures, service lines, and valves. A B C D E
2. Monitor, repair, and maintain all facets of a wastewater treatment operation including repair work on plumbing fixtures, service lines, and valves. A B C D E
3. Survey chemicals, lubricants, lab equipment, tools, etc. and procure necessary supplies. A B C D E
4. Repair and replace sinks, toilets, urinals, faucets, valves, and traps. A B C D E
5. Repair and replace water distribution main piping, water service piping, meters, and valves. A B C D E
6. Perform Electro-Fusion welding of HDPE pipe, pipe fittings and pipe service and tapping saddles. A B C D E
7. Create maintenance schedules and perform inspections and routine maintenance. A B C D E
8. Repair mechanical equipment such as pumps, blowers, lab equipment, compressors, and generators. A B C D E
9. Arrange and assure completion of maintenance work beyond the operator's scope through the use of work order requests. A B C D E
10. Repair and replace sewer lines and manholes. A B C D E
11. Perform and process control tests such as pH, turbidity, chlorine residual, temperature, iron, and phosphate testing to determine the process adjustments necessary to assure effluent quality complies with required parameters set by the Primacy Agency. A B C D E
12. Make proper adjustments to hypo chlorinators and de-chlorinators to meet regulatory residual requirements. A B C D E

13. Determine the operational adjustments needed to achieve the desired effluent quality based upon laboratory testing, including but not limited to BOD, pH, dissolved oxygen, suspended solids, total solids and fecal coli form. A B C D E
14. Perform laboratory tests to assure regulatory compliance, evaluate plant or system efficiency and for process control and accurately record and report the results of the tests. A B C D E
15. Ensure water meets the requirements of the Safe Drinking Water Act and the primary and secondary standards. A B C D E
16. Perform water laboratory tests including temperature, pH, turbidity, chlorine residual, phosphate and bacterial tests. A B C D E
17. Use tape measures when making plumbing assemblies and repairs. A B C D E
18. Use roller tapes when installing service lines and mains. A B C D E
19. Use engineers scale when interpreting blue prints and site plans. A B C D E
20. Use construction level and transit when installing service lines and mains. A B C D E
21. Use electronic locators to find buried pipes, buried communication cables and buried electric cables. A B C D E
22. Use magnetic locators to find buried valve boxes and manholes. A B C D E
23. Use laboratory spectrophotometers for measuring lab test chemical parameters. A B C D E
24. Use colorimeters for measuring lab test chemical parameters. A B C D E
25. Use laboratory glass volume measuring devices to determine dilution rates for lab testing parameters. A B C D E
26. Follow oral instructions from a supervisor, work leader, or foreman. A B C D E
27. Receive work assignments in writing. A B C D E
28. Complete work assignments received from written work orders. A B C D E
29. Complete assigned work assignments within a predetermined time frame. A B C D E
30. Read and understand Laboratory standard methods manuals. A B C D E
31. Read and understand equipment and instrument manuals. A B C D E
32. Read and interpret blueprints, construction drawings and as built drawings. A B C D E
33. Read and interpret treatment process diagrams. A B C D E
34. Read and interpret process monitoring instrument calibration instructions. A B C D E
35. Use powered and hand pipe threader and cutter to perform plumbing repairs. A B C D E
36. Open plugged sewer lines using powered and hand sewer snake and rodding machines. A B C D E
37. Use hand tools, pipe wrenches, etc. to perform plumbing repairs. A B C D E
38. Use electrical test instruments to troubleshoot electrical components, motors, motor starters, etc. A B C D E

39. Use steam generators and electric pipe thawing devices to thaw frozen pipes and mains. A B C D E
40. Use electric fusion welders to assemble HDPE pipes and fittings. A B C D E
41. Use Chlorine solutions to disinfect potable water and waste water. A B C D E
42. Use De-chlorination chemicals to remove chlorine residual from waste water effluent. A B C D E
43. Use reagents to perform laboratory chemical and biological tests. A B C D E
44. Select pipe and fittings for plumbing repairs and installations. A B C D E
45. Select and use appropriate potable water filtration media. A B C D E
46. Use computer software to maintain detailed records of operating systems or financial records. A B C D E
47. Track laboratory test results and submit compliance reporting. A B C D E
48. Use computer software including e-mail for official correspondence and/or interdivisional communications, and to write detailed reports. A B C D E
49. Use a database computer software program to record and track facility maintenance operations. A B C D E