



WATER/WASTEWATER


FORT GREELY								
	High School Preparation	Skill Sets	Education	Vocational Training	Certificates	Related Experience	Other Requirements	Future Opportunities
Journeyman Water and Wastewater Treatment Plant Operator	<ul style="list-style-type: none"> •General High School Curriculum •Chemistry •Computer Fundamentals •Equipment Maintenance and Repair •Natural Resource Management 	<ul style="list-style-type: none"> •Communicate effectively with supervisor, other operators, federal and state agencies •Perform chemical analysis and interpret results •Basic understanding of pumps, motors, and valves •Make arithmetic calculations to determine dose and feed rates for chemicals 	<ul style="list-style-type: none"> •High school diploma or equivalent 		<ul style="list-style-type: none"> •Level I Water Treatment System Operator Certificate as issued by the State of Alaska •Level I Wastewater Treatment System Operator Certificate as issued by the State of Alaska 	<ul style="list-style-type: none"> •One year Operator experience •Possess an educational or work experience background giving an understanding of chemistry and bacteriology 	<ul style="list-style-type: none"> •Pass a drug test •Pass a background check •Pass physical requirements •Eligible to work on a military instillation in Alaska •Provide a resume 	<ul style="list-style-type: none"> •Opportunity to cross train for other Alaska Department Environmental Conservation utility classifications

WATER/WASTEWATER

FORT WAINWRIGHT


	High School Preparation	Skill Sets	Education	Vocational Training	Certificates	Related Experience	Other Requirements	Future Opportunities
Journeyman Water Treatment Plant Operator	<ul style="list-style-type: none"> •General High School Curriculum •Chemistry •Computer Fundamentals •Equipment Maintenance and Repair •Natural Resource Management 	<ul style="list-style-type: none"> •Communicate effectively with supervisor, other operators, federal and state agencies •Perform chemical analysis and interpret results •Basic understanding of pumps, motors, and valves •Make arithmetic calculations to determine dose and feed rates for chemicals 	<ul style="list-style-type: none"> •High school diploma or equivalent 		<ul style="list-style-type: none"> •Level I or II Water Treatment System Operator Certificate as issued by the State of Alaska (Supervisor must have a Level II or higher certificate) 	<ul style="list-style-type: none"> •Three years Operator experience •Possess an educational or work experience background giving an understanding of chemistry and bacteriology 	<ul style="list-style-type: none"> •Pass a drug test •Pass a background check •Pass physical requirements •Eligible to work on a military instillation in Alaska •Provide a resume 	<ul style="list-style-type: none"> •Advance to Lead Water Treatment Plant Operator •Opportunity to cross train for other Alaska Department Environmental Conservation utility classifications
Lead Water Treatment Plant Operator	<ul style="list-style-type: none"> •General High School Curriculum •Chemistry •Computer Fundamentals •Equipment Maintenance and Repair •Natural Resource Management 	<ul style="list-style-type: none"> •Communicate effectively with supervisor, other operators, federal and state agencies •Perform chemical analysis and interpret results •Basic understanding of pumps, motors, and valves •Make arithmetic calculations to determine dose and feed rates for chemicals 	<ul style="list-style-type: none"> •High school diploma or equivalent 		<ul style="list-style-type: none"> •Level II or higher Water Treatment System Operator Certificate as issued by the State of Alaska (Supervisor must have Level II or higher certificate) 	<ul style="list-style-type: none"> •Three years Operator experience •Possess an educational or work experience background giving an understanding of chemistry and bacteriology 	<ul style="list-style-type: none"> •Pass a drug test •Pass a background check •Pass physical requirements •Eligible to work on a military instillation in Alaska •Provide a resume 	<ul style="list-style-type: none"> •Opportunity to advance into utility management positions •Opportunity to cross train for other Alaska Department Environmental Conservation utility classifications

WATER/WASTEWATER

FORT RICHARDSON								
	High School Preparation	Skill Sets	Education	Vocational Training	Certificates	Related Experience	Other Requirements	Future Opportunities
Journeyman Water Treatment Plant Operator	<ul style="list-style-type: none"> •General High School Curriculum •Chemistry •Computer Fundamentals •Equipment Maintenance and Repair •Natural Resource Management 	<ul style="list-style-type: none"> •Communicate effectively with supervisor, other operators, federal and state agencies •Perform chemical analysis and interpret results •Basic understanding of pumps, motors, and valves •Make arithmetic calculations to determine dose and feed rates for chemicals 	<ul style="list-style-type: none"> •High school diploma or equivalent •Four additional years of education beyond high school 		<ul style="list-style-type: none"> •Level III or IV Water Treatment System Operator Certificate as issued by the State of Alaska (Supervisor must have a Level IV or higher certificate) 	<ul style="list-style-type: none"> •Four years Operator experience •Possess an educational or work experience background giving an understanding of chemistry and bacteriology 	<ul style="list-style-type: none"> •Pass a drug test •Pass a background check •Pass physical requirements •Eligible to work on a military instillation in Alaska •Provide a resume 	<ul style="list-style-type: none"> •Advance to Water Treatment Plant Working Foreman •Opportunity to cross train for other Alaska Department Environmental Conservation utility classifications

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WATER/WASTEWATER

	High School Preparation	Skill Sets	Education	Vocational Training	Certificates	Related Experience	Other Requirements	Future Opportunities
Water Treatment Plant Working Foreman	<ul style="list-style-type: none"> •General High School Curriculum •Chemistry •Computer Fundamentals •Equipment Maintenance and Repair •Natural Resource Management 	<ul style="list-style-type: none"> •Communicate effectively with supervisor, other operators, federal and state agencies •Supervisory skills •Operate all plant equipment •Perform chemical analysis and interpret results •Basic understanding of pumps, motors, and valves •Make arithmetic calculations to determine dose and feed rates for chemicals 	<ul style="list-style-type: none"> •High school diploma or equivalent •Four additional years of education beyond high school 		<ul style="list-style-type: none"> •Level IV Water Treatment Operator System Certificate as issued by the State of Alaska •Valid State of Alaska driver's license •First Aid card authorized by the State of Alaska 	<ul style="list-style-type: none"> •Four years Operator experience •Possess an educational or work experience background giving an understanding of chemistry and bacteriology 	<ul style="list-style-type: none"> •Pass a drug test •Pass a background check •Pass physical requirements •Eligible to work on a military instillation in Alaska •Provide a resume 	<ul style="list-style-type: none"> •Opportunity to advance into utility management positions •Opportunity to cross train for other Alaska Department Environmental Conservation utility classifications