



**DEPARTMENT OF PUBLIC WORKS  
WATER AND SEWER DIVISION  
WATER TREATMENT PLANT OPERATOR I, II or ATTENDANT**

**Unit:** AFSCME II

**Reporting To:** Director of Public Works

**Starting Wages: Water Treatment Plant Attendant (G-4):**

Treatment License Grade 2-4 (OIT) \$1,046.74/wk - \$1,225.072/wk

**Water Treatment Plant Operator II (G-5):**

Treatment License Grade 2 (Full) \$1,128.15/wk - \$1,320.27/wk

**Water Treatment Plant Operator I (G-6):**

Treatment License Grade 3 (Full) \$1,219.90/wk - \$1,427.96/wk

**Hours:** 6:30 AM – 3:00 PM

Rotating 7 day a week work schedule

On-Call Duty every 4<sup>th</sup> week

**Location:** Water Treatment Plant

**Application Deadline:** Open Until Filled

---

**WATER TREATMENT PLANT OPERATOR**

**Definition:**

Skilled work in the production of high quality, safe drinking water and the maintenance of water treatment plant equipment; all other related work as required.

**Distinguishing Characteristics:**

Works under general supervision of the Business & Utility Manager and Chief Operator; follows established and prescribed routine.

Makes occasional contacts with the police department, town officials, state and federal agencies and general public.

Work requires the use of independent judgment to maintain safe water and avoid damage to equipment.

Errors could jeopardize personal and public safety, damage equipment or cause excessive costs. Work in general is performed under typical shop conditions, but with occasional heavy physical effort, including lifting 110 lb. drums.

**Examples of Work:**

Tests water quality using laboratory equipment.

Operates and maintains valves, pumps, motors and chemical feed pumps; checks equipment used in treatment process and remote wells; maintains lime slurry piping system and sump pump.

Records readings of instruments monitoring treatment process; maintains operation logs and maintenance and repair records.

Monitors chemical usage; calibrates chemical solution pumps and chemical feeders; adds treatment chemicals as needed; handles chlorine cylinders.

Sample, prepare and package water quality samples for shipment to laboratories.

Performs regularly scheduled preventive maintenance on plant machinery and equipment; cleans and services all equipment and instrumentation as directed.

Maintains clean and orderly conditions at the treatment plants and well facilities; provides general custodial care of grounds and buildings.

Ensures that stocks of chemicals, laboratory supplies and other necessary equipment are adequate.

**Education and Experience:**

High School graduation; two years' experience in water field with emphasis on treatment activities; or any equivalent combination of education and experience.

**Knowledge, Ability, Skill:**

Considerable knowledge of treatment plant operation and maintenance. Mechanical ability. MA Drinking Water Supply Facilities License (Minimum Grade 2OIT).

*EOE*

**To Apply:**

Submit resume, cover letter and **completed application** to:

Town Manager's Office  
Attn: Assistant Town Manager/Human Resources Director  
121 Glen Road  
Wilmington, MA 01887 or  
via email at:  
[jobs@wilmingtonma.gov](mailto:jobs@wilmingtonma.gov)

If submitting by email please use "Position: Water Treatment Operator I, II or Attendant" in the subject. Resume, cover letter and **completed application** may be attached as a PDF to the email. Please note, we will not reformat or fix formatting issues if sending electronically and in a file type other than PDF.

*Town of Wilmington*  
PHYSICAL REQUIREMENT CHECKLIST

Position: Water Treatment Plant Operator Department: DPW

PHYSICAL MOVEMENT	WEIGHT					REACH				
	15 LBS OR LESS	15 TO 35 LBS.	35 TO 50 LBS	50 TO 100 LBS	100 LBS OR MORE	FLOOR TO 18"	FLOOR TO 36"	18" TO 36"	36" TO 48"	OVERHEAD
<b>CARRYING:</b> TO TRANSPORT PATIENTS OR THINGS FROM PLACE TO PLACE WHILE BEARING THE WEIGHT				X			X			
<b>LIFTING:</b> RAISING OBJECTS FROM A LOWER TO A HIGHER POSITION, FROM A HIGHER TO LOWER POSITION, HORIZONTALLY			X					X		
<b>PULLING:</b> USING UPPER EXTREMITIES TO EXERT FORCE			X				X			
<b>PUSHING:</b> USING UPPER EXTREMITIES TO PRESS AGAINST SOMETHING WITH A STEADY FORCE				X				X		
<b>REACHING:</b> EXTENDING HAND(S) AND ARM(S)		X							X	

PHYSICAL MOVEMENT/MENTAL REQUIREMENTS	NEVER	RARELY 5-10%	SOMETIMES 10-40%	FREQUENTLY 41-75%	ALWAYS 76-100%
<b>BALANCING:</b> MAINTAINS BODY EQUILIBRIUM TO PREVENT FALLING WHEN WALKING, STANDING OR CROUCHING ON NARROW, SLIPPERY OR ERRATICALLY MOVING SURFACES					X
<b>BENDING:</b> TO CURVE SPINE DOWNWARD				X	
<b>CARRYING:</b> TO TRANSPORT PATIENT OR THINGS FROM PLACE TO PLACE WHILE BEARING THE WEIGHT			X		
<b>CLIMBING:</b> ASCENDING OR DESCENDING LADDERS, STAIRS, RAMPS, POLES AND THE LIKE, USING FEET				X	
<b>COLLATING/FILING:</b> REPETITIVELY PUTTING IN ORDER AND IN PILES AND INTO APPROPRIATE ORDER			X		
<b>CRAWLING:</b> MOVING ABOUT ON HANDS AND KNEES OR HANDS AND FEET		X			
<b>CROUCHING:</b> SENDING THE BODY DOWNWARD AND FORWARD BY BENDING LEG AND SPINE			X		
<b>DECISION-MAKING:</b> ABLE TO PRIORITIZE WORKLOAD					X
<b>DIALING:</b> PUSHING BUTTONS OR MOVING A WHEEL WITH FINGER				X	
<b>DRIVING:</b> SET OR DIRECT IN MOTION A VEHICLE			X		
<b>FEELING:</b> PERCEIVING OBJECTS, SUCH AS SIZE, SHAPE, TEMPERATURE OR TEXTURE BY TOUCHING WITH SKIN					X
<b>FINGERING:</b> PICKING, PINCHING, TYPING OR OTHERWISE WORKING, PRIMARILY WITH FINGERS				X	
<b>GRASPING:</b> APPLYING PRESSURE TO AN OBJECT WITH THE FINGERS			X		
<b>HANDLING:</b> TO TOUCH, MANIPULATE OR MANAGE WITH HANDS			X		
<b>HEARING:</b> TO RECEIVE DETAILED INFORMATION THROUGH COMMUNICATION AND TO DETECT SUBTLE DIFFERENTIATIONS IN SOUND			X		
<b>HOLDING:</b> KEEP FIRMLY AS IN A GRASP OF THE HAND			X		
<b>INSERTING:</b> TO PUT ITEMS INSIDE OR AMONG SOMETHING			X		
<b>JUDGEMENT:</b> PERFORMS WITH FREQUENT INTERRUPTIONS AN MAKES GENERAL DECISIONS REGARDING RESPONSIBILITIES					X
<b>KNEELING:</b> BENDING LEGS AT KNEE TO COME TO A REST ON KNEE OR KNEES		X			
<b>LEARNING:</b> TO GAIN KNOWLEDGE, UNDERSTANDING OR SKILL BY STUDY, INSTRUCTION OR EXPERIENCE					X
<b>LIFTING:</b> RAISING OBJECTS FROM LOWER/HIGHER POSITION, FROM HIGHER/LOWER POSITION, HORIZONTALLY		X			
<b>PULLING:</b> USING UPPER EXTREMITIES TO EXERT FORCE			X		
<b>PUSHING:</b> USING UPPER EXTREMITIES TO PRESS AGAINST SOMETHING WITH STEADY FORCE			X		

PHYSICAL MOVEMENT/MENTAL REQUIREMENTS	NEVER	RARELY 5-10%	SOMETIMES 10-40%	FREQUENTLY 41-75%	ALWAYS 76-100%
<b>REACHING:</b> EXTENDING HAND(S) AND ARM(S)			X		
<b>READING:</b> THE ABILITY TO LEARN FROM WHAT ONE HAS SEEN OR FOUND IN WRITING OR PRINTING					X
<b>REPETITIVE MOTIONS:</b> SUBSTANTIAL MOVEMENTS (MOTIONS) OF THE WRISTS, HANDS AND/OR FINGERS			X		
<b>SITTING:</b> FOR PROLONGED PERIODS OF TIME					X
<b>SMELL:</b> DIFFERENTIATE ODORS, VAPORS, FUMES, DUST					X
<b>SORTING:</b> SEPARATE PHYSICALLY FROM THINGS THAT DIFFER				X	
<b>STANDING:</b> PARTICULARLY FOR SUSTAINED PERIODS OF TIME			X		
<b>STOOPING:</b> BENDING BODY DOWNWARD AND FORWARD BY BENDING SPINE AT THE WAIST			X		
<b>TALKING:</b> EXPRESSING OR EXCHANGING IDEAS ACCURATELY, LOUDLY OR QUICKLY					X
<b>THREADING:</b> TO PASS A THREAD THROUGH AN EYE (OF A NEEDLE) QUICKLY	X				
<b>TYPING/KEYBOARD CODING:</b> TO PRODUCE TYPEWRITTEN COPY USING FINGER AGILITY AND ACCURACY			X		
<b>VISION:</b> ADEQUATE TO PERFORM FUNCTION				X	
ACUITY: NEAR, 20 INCHES OR LESS				X	
DEPTH PERCEPTION 3-DIMENSIONAL VISION DISTANCE JUDGEMENT				X	
ACCOMMODATION SHARPNESS OF VISION/FOCUS				X	
COLOR VISION					X
FIELD OF VISION – ENTIRE SCOPE OF VISION/PERIPHERAL				X	
<b>WALKING:</b> MOVING ABOUT ON FOOT TO ACCOMPLISH TASKS, PARTICULARLY FOR LONG DISTANCE		X			
<b>WRITING:</b> TO FORM LETTERS OR CHARACTERS ON A SURFACE BY HAND			X		
<b>OTHER:</b> PLEASE SPECIFY					

WORKING CONDITIONS	% OF TIME PER DAY				
	NEVER	RARELY 5-10%	SOMETIMES 10-40%	FREQUENTLY 41-75%	ALWAYS 76-100%
DUST, VAPORS, FUMES				X	
EXPOSURE TO WEATHER			X		
EXTREME COLD		X			
EXTREME HEAT		X			
NOISE					X
VIBRATION					X
WET/HUMID					X
POTENTIAL HAZARDS					
CHEMICAL					X
COMPUTER					X
ELECTRIC SHOCK					X
EXPLOSIVES	X				
HIGH, EXPOSED PLACES		X			
INFECTIOUS EXPOSURE		X			
MOVING MECHANICAL PARTS					X
PATIENT CONTACT	X				
NEEDLES/SYRINGES	X				
RADIATION, IONIZING	X				
RADIATION, NON-IONIZING	X				
WASTE HANDLING		X			