

## WATER PUMP, WASTEWATER

<b>DESCRIPTION</b>	The Water Pump, Wastewater is equipment that lifts and moves wastewater through a pressure piping system
<b>RESOURCE CATEGORY</b>	Public Works
<b>RESOURCE KIND</b>	Equipment
<b>OVERALL FUNCTION</b>	The Water Pump, Wastewater is equipment that supports the temporary bypass of lift and pump stations to maintain wastewater collection
<b>COMPOSITION AND ORDERING SPECIFICATIONS</b>	<ol style="list-style-type: none"> <li>1. Requestor specifies desired/comparable pump manufacturer and model, as necessary</li> <li>2. Requestor specifies suction hose length, strainer type, and hole size</li> <li>3. Can be ordered with staff using the National Incident Management System (NIMS) Utility Worker Specialist - Water Sector Infrastructure</li> <li>4. Requestor specifies discharge piping connection type: <ol style="list-style-type: none"> <li>a. Cam lock flex hose</li> <li>b. Cam lock hard pipe</li> <li>c. Threaded mechanical connection and length</li> </ol> </li> </ol>

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
<b>EQUIPMENT DESCRIPTION</b>	Same as Type 2, PLUS: Dry prime to 20'	Same as Type 3, PLUS: 1. Dry prime to 26' 2. Solids handling to 5", unscreened materials	Same as Type 4, PLUS: Solids handling to 4", unscreened materials	Same as Type 5	Not Specified
<b>EQUIPMENT PUMP CAPACITY (GALLONS PER MINUTE)</b>	8,600	6,000	4,500	1,900	Not Specified
<b>EQUIPMENT HEAD (FEET)</b>	88	50	120	100	Not Specified
<b>EQUIPMENT SUCTION SIDE (INCHES)</b>	12	10	8	6	Not Specified
<b>PERSONNEL ON-SITE SETUP TEAM</b>	Same as Type 2	Same as Type 3	Same as Type 4	Same as Type 5	Not Specified
<b>PERSONNEL TRAINED OPERATOR</b>	Same as Type 2	Same as Type 3	Same as Type 4	Same as Type 5	Not Specified

COMPONENT	TYPE 5	NOTES
<b>EQUIPMENT DESCRIPTION</b>	1. Self priming 2. Dry prime to 20' 3. Solids handling to 3", unscreened materials 4. Self-contained diesel power supply 5. Automatic start/stop 6. Portable, skid-mounted or trailer-mounted	Not Specified
<b>EQUIPMENT PUMP CAPACITY (GALLONS PER MINUTE)</b>	885	Not Specified
<b>EQUIPMENT HEAD (FEET)</b>	72	Not Specified
<b>EQUIPMENT SUCTION SIDE (INCHES)</b>	4	Not Specified
<b>PERSONNEL ON-SITE SETUP TEAM</b>	2	Not Specified
<b>PERSONNEL TRAINED OPERATOR</b>	2	Not Specified

## NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

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## REFERENCES

1. FEMA, NIMS 509: Utility Worker Specialist – Water Sector Infrastructure
2. FEMA, National Incident Management System (NIMS), October 2017
3. FEMA, National Response Framework, June 2016