SEWER SYSTEM CLEANING – WASTEWATER

DESCRIPTION	Sewer System Cleaning - Wastewater is equipment for cleaning wastewater sewer system infrastructure
RESOURCE CATEGORY	Public Works
RESOURCE KIND	Equipment
OVERALL FUNCTION	Sewer System Cleaning - Wastewater is equipment for cleaning wastewater sewer system infrastructure, including: 1. Sewer mains 2. Manholes 3. Combined sewer overflows (CSO) 4. Sanitary sewer overflows (SSO)
COMPOSITION AND ORDERING SPECIFICATIONS	1. This equipment can be ordered in conjunction with a National Incident Management System (NIMS)-typed team (Repair Team Sewer Mains - Wastewater; Repair and Start-Up Team Lift and Pump Stations - Wastewater Facility) 2. Can be ordered with staff using the NIMS Utility Worker Specialist - Water Sector Infrastructure 3. Requestor verifies trailer connection compatibility if equipment is trailer mounted 4. Requestor verifies equipment fuel requirements 5. Type 1, Type 2 or Type 3 teams may conduct SSO/CSO cleanup, as the requestor specifies

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	NOTES
EQUIPMENT DESCRIPTION	1 - Sewer jet/vac truck (combination sewer cleaning machine)	1 - Sewer jet truck/trailer	1 - Sewer power rod truck	Not Specified
EQUIPMENT CAPACITY	5,000 cubic feet per minute at 18 inch Hg vacuum, positive displacement	Not Specified	Not Specified	Not Specified
EQUIPMENT SPECIFICATIONS	50 GPM and 2,000 PSI	40 gallons per minute (GPM) and 2,000 pounds per square inch (PSI)	Not Specified	Not Specified
EQUIPMENT HOSE REACH	Same as Type 2	600 feet	Not Specified	Not Specified
EQUIPMENT DEBRIS TANK	Greater than 10 cubic yards	Not Specified	Not Specified	Not Specified
EQUIPMENT WATER TANK	500 to 2,000 gallons	500 gallons	Not Specified	Not Specified

NOTES

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

REFERENCES

1. FEMA, NIMS 508: Repair Team Sewer Mains – Wastewater
2. FEMA, NIMS 508: Repair and Start-Up Team Lift and Pump Stations – Wastewater Facility
3. FEMA, NIMS 509: Utility Worker Specialist – Water Sector Infrastructure
4. FEMA, NIMS, October 2017
5. FEMA, National Response Framework, October 2019