

## DAMAGE ASSESSMENT AND REPAIR TEAM - SEWER MAINS

<b>DESCRIPTION</b>	This team assesses and repairs all types of wastewater mains.
<b>RESOURCE CATEGORY</b>	Public Works
<b>RESOURCE KIND</b>	Team with personnel and equipment components.
<b>OVERALL FUNCTION</b>	This team is responsible for the assessment and repair of all types of wastewater collection, storm water collection, and reclaim water distribution facilities. This includes gravity mains, force mains, aerial mains, manholes, and excavation through backfill. Excluded are pump repairs.
<b>COMPOSITION AND ORDERING SPECIFICATIONS</b>	<p>Requestor should specify facilities in which repair expertise is needed, specific main materials and size ranges in need of repair, typical depth of facilities and soil conditions, and any materials that should be provided by the responders.</p> <p>Requestor will provide plans showing main locations and coordinate notification of "call-before-you dig" service used in region.</p> <p>Requestor and responding utility will coordinate traffic control considerations.</p> <p>Requestor or others will provide pipe.</p> <p>Specific types of facilities in need of assessment and repair:</p> <p>_____</p> <p>Main sizes and materials:</p> <p>_____</p> <p>Typical depth range:</p> <p>_____</p> <p>Soil conditions:</p> <p>_____</p> <p>Ordering Specifications: Security requirements should be determined by the requesting agency based upon actual field conditions and/or intelligence, and provided to responding team.</p>

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	SINGLE TYPE	NOTES
<b>EQUIPMENT (COMMUNICATIONS) QUANTITY AND KIND PER TEAM BASED ON MISSION ASSIGNMENTS</b>	Cell phones Portable radios Satellite phone	None
<b>EQUIPMENT (VEHICLE AND SPECIALIZED EQUIPMENT) NUMBER AND KIND OF PER TEAM</b>	1 Large track excavator 1 Backhoe-loader 2 Tandem dump trucks 1 Team/equipment truck with boom 1 Supervisor's light truck 1 Tow truck Necessary pneumatic and hand tools for sewer main repair Other equipment and supplies as needed based on ordering specifications	None

**INTERIM GUIDANCE**

*Superseded*

COMPONENT	SINGLE TYPE	NOTES
<b>EQUIPMENT DURATION OF SUSTAINED OPERATION</b>	Up to 14 days	None
<b>PERSONNEL DURATION OF SELF- SUSTAINED OPERATION</b>	72 hours	The requestor will provide support to the team, such as security, fuel, recharging for phones, batteries, power for computers, etc.
<b>PERSONNEL HOURS OF OPERATION PER SHIFT</b>	12 Hours	None
<b>PERSONNEL POSITIONS PER TEAM</b>	Total = 8 1 Team leader 1 Excavator operator 1 Backhoe-loader operator 2 Tandem dump truck drivers 1 Lead repair technician 2 Repair technicians	None
<b>SUPPLIES(LOGISTICS) QUANTITY AND KIND BASED ON MISSION ASSIGNMENTS</b>	Water and other potable fluids Food Shelter Sanitation	None

## NOTES

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

## REFERENCES

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