WATER OPERATIONS TEAM LEADER

RESOURCE CATEGORY	Public Works
RESOURCE KIND	Personnel
OVERALL FUNCTION	The Water Operations Team Leader directs and manages the repair, restoration and operations of water infrastructure systems and facilities
COMPOSITION AND ORDERING SPECIFICATIONS	1. This position can be ordered as a single resource. 2. This position can be ordered in conjunction with a National Incident Management System (NIMS)-typed team (Operations Team – Water Treatment Facility; Plant Utility Control Systems Team – Water Sector Infrastructure; Repair and Start-Up Team Water Pump Facilities – Water Production; Repair Team – Water Distribution System; Repair and Start-Up Team – Water Treatment Facility; System Flushing and Flow Testing Team – Water Distribution; Water Main Leak Locating Team – Water Distribution) 3. Discuss logistics for deploying this position, such as working conditions, length of deployment, security, lodging, transportation and meals, prior to deployment 4. Requestor specifies the water operations skills necessary, such as production or distribution 5. Requestor and provider discuss safety and work environment prior to deployment 6. Requestor specifies water source and type and any necessary certifications, such as Hazardous Waste Operations and Emergency Response (HAZWOPER) or operator certifications 7. Requestor specifies Personal Protective Equipment (PPE) such as hard hats, reflective vests, eye protection, ear protection and other equipment, based on incident conditions 8. This position typically works 12 hours per shift, is self-sustainable for 72 hours and is deployable up to 14 days

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	NOTES
DESCRIPTION	Same as Type 2, PLUS: 1. Manages a group of water treatment and distribution facilities, including overseeing staff rotations, facilitating supply requests and coordinating additional relevant resources 2. Oversees response operations for groups of repair and start-up teams, including overseeing staff rotations, prioritizing repair needs, facilitating supply requests and coordinating additional relevant resources 3. Communicates with the established command structure and emergency operations center (EOC), as necessary	The Water Operations Team Leader: 1. Operates and maintains water infrastructure facilities 2. Directs and supervises the work of other operators, as necessary	Not Specified
EDUCATION	Not Specified	Not Specified	Not Specified

COMPONENT	TYPE 1	TYPE 2	NOTES
TRAINING	Same as Type 2, PLUS: 1. ICS-300: Intermediate Incident Command System for Expanding Incidents 2. ICS-400: Advanced Incident Command System Complex Incidents	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Basic Incident Command System for Initial Response, ICS-200 3. IS-700: An Introduction to the National Incident Management System 4. IS-800: National Response Framework, An Introduction	The NIMS Training Program defines a national baseline to guide and promote NIMS training. It provides recommendations to assist the Authority Having Jurisdiction (AHJ) in developing their own training plans, tailored to their specific needs
EXPERIENCE	Same as Type 2, PLUS: Demonstrated operational leadership experience in water operations	Advanced knowledge of water operations	AHJ determines the necessary experience level based on response needs
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Moderate 2. Is able to work while wearing appropriate PPE 3. Maintains immunizations in accordance with current AHJ requirements	1. The NIMS Guideline for the National Qualification System (NQS) defines Physical/Medical Fitness levels for NIMS positions 2. PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves and masks
CURRENCY	Same as Type 2	Functions in this position during an operational incident, planned event, exercise, drill or simulation at least once every five years	Not Specified
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified	1. Certification varies from state to state; AHJ specifies the level of distribution or treatment certification necessary for the assignment 2. AHJ determines reciprocity or equivalency with the providing jurisdiction before deployment

NOTES

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

REFERENCES

1. FEMA, NIMS 508: Operations Team – Water Treatment Facility
2. FEMA, NIMS 508: Plant Utility Control Systems Team – Water Sector Infrastructure
3. FEMA, NIMS 508: Repair and Start-Up Team Water Pump Facilities – Water Production
4. FEMA, NIMS 508: Repair Team – Water Distribution System
5. FEMA, NIMS 508: Repair and Start-Up Team – Water Treatment Facility
6. FEMA, NIMS 508: System Flushing and Flow Testing Team – Water Distribution
7. FEMA, NIMS 508: Water Main Leak Locating Team – Water Distribution
8. FEMA, NIMS, October 2017
9. FEMA, NIMS Guideline for the NQS, November 2017
10. FEMA, National Response Framework, October 2019