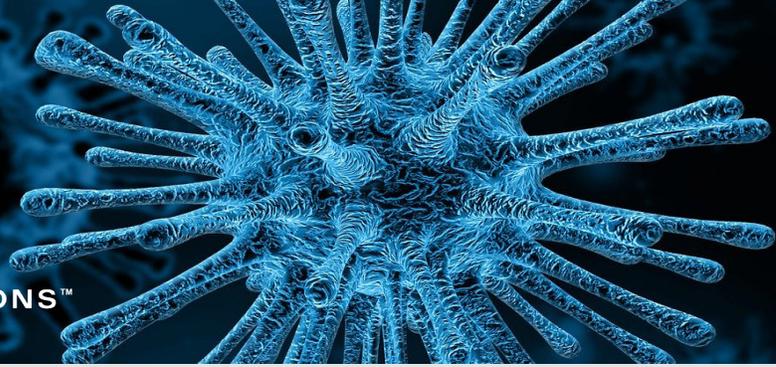# TETRA TECH

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Community Lifelines in Incident Response. FEMA developed the Community Lifelines concept to support response planning and operations efforts during an incident response. The Community Lifelines allow for reframing of incident information, communicating incident impacts using plain language, and promotes the unity of effort across the whole community, in order to prioritize efforts to stabilize the lifelines in times of distress. These lifelines allow communities to build back stronger and smarter during recovery, driving the overall resilience of the nation.

COVID-19 | Tetra Tech's Capabilities in Supporting Community Lifelines

FEMA developed the community lifelines construct to increase effectiveness in disaster operations and better position FEMA to respond to catastrophic incidents. *Tetra Tech's approach to prioritizing specific disaster response services support our clients' ability to maintain community lifelines open and operational.* Tetra Tech's methodology for planning and response is designed to meet the requirements of the Center for Disease Control (CDC) guidelines, the World Health Organization (WHO), the Emergency Management Accreditation Program (EMAP), National Incident Management System (NIMS), the National Fire Protection Association. *Tetra Tech's solutions for COVID-19 follows FEMA's Community Lifelines in order to minimize disruptions to these critical areas.*

Assessing ···········

Status - *What?*
Impact - *So What?*
Actions - *Now What?*
Limiting Factors - *What's the Gap?*

Safety & Security Lifeline | Government Services Component

Status. Elected officials will maintain in person government services facilities open and fully operational, while minimizing the risk of COVID-19 exposure to employees. Must assess the operational impacts to this decision.

Impact. Reports of suspected cases from employees and customers have shaken public trust in the ability for government to maintain safe and sanitary environment for employees and public.

Actions. Implement disinfection protocols for all facilities and provide N-95 respirator training to employees engaging with the public.

Limiting Factors. Procurement rules and mobilization requirements, funding through the Stafford Act (Category B – Emergency Protective Measures).

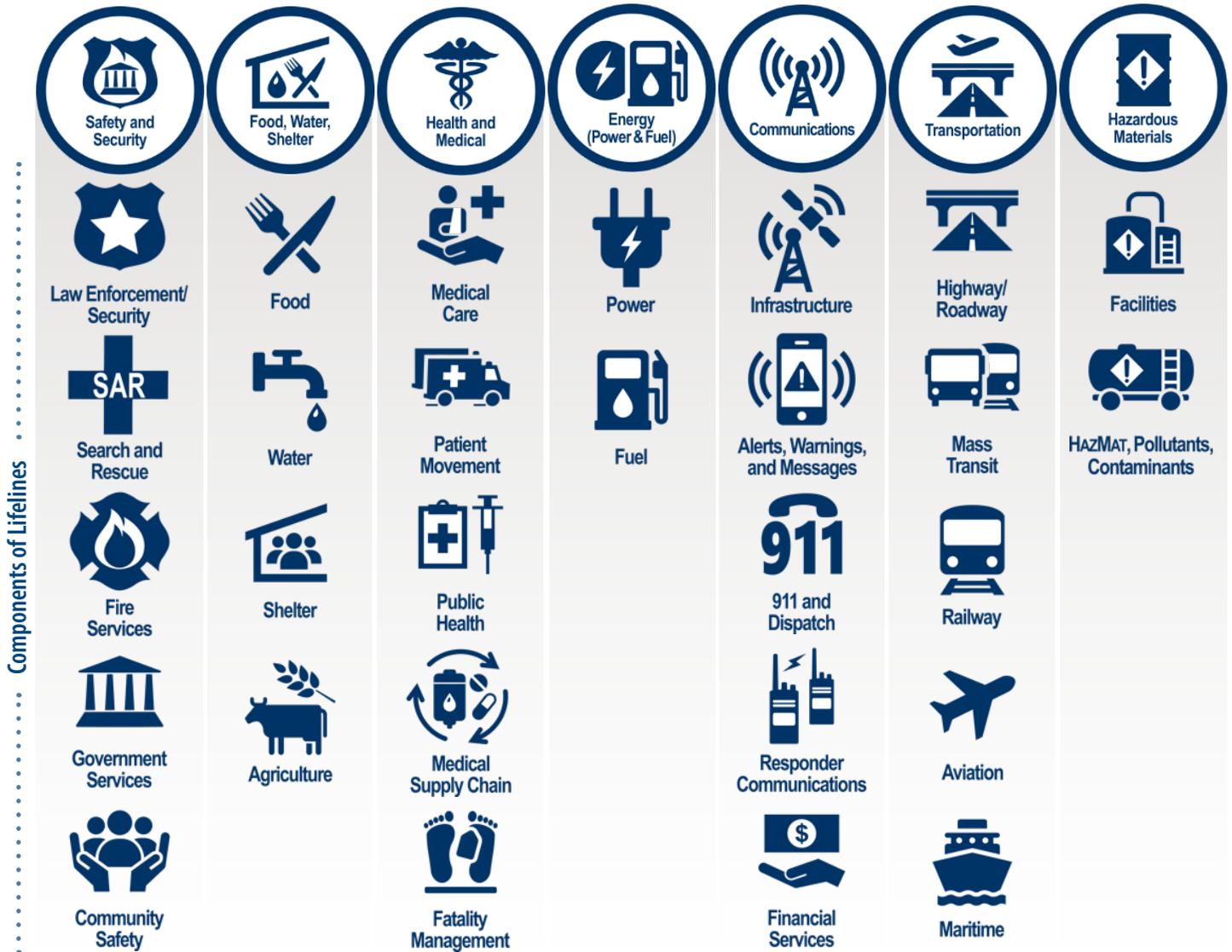### Food, Water, Shelter Lifeline | Water Component

Status. Maintaining clean and safe drinking water along with a fully functioning wastewater collection system is critical for the ability to maintain residential and commercial operations.

Impact. Trained Operators and Mainteance personnel infected by COVID-19 or are required to be caregivers for family members are unable to perform duties. Chemicals necessary for water and wastewater treatment are unavailable.

Actions. Provide information for employees to properly wash hands, limit interpersonal contact and ensure those who are sick stay home. Activate on-call staff augmentation for backup personnel. Notify State EOC for needs associated with chemicals. Perform regular disinfection of critical facilities.

Limiting Factors. Procurement rules and mobilization requirements, funding through the Stafford Act (Category B – Emergency Protective Measures)

Community Lifelines

Components of Lifelines

Safety and Security	Food, Water, Shelter	Health and Medical	Energy (Power & Fuel)	Communications	Transportation	Hazardous Materials
Law Enforcement/ Security	Food	Medical Care	Power	Infrastructure	Highway/ Roadway	Facilities
Search and Rescue	Water	Patient Movement	Fuel	Alerts, Warnings, and Messages	Mass Transit	HazMat, Pollutants, Contaminants
Fire Services	Shelter	Public Health		911 and Dispatch	Railway	
Government Services	Agriculture	Medical Supply Chain		Responder Communications	Aviation	
Community Safety		Fatality Management		Financial Services	Maritime	

Source: https://www.fema.gov/media-library/assets/documents/177222

Lifelines Drive Response

*"A lifeline enables continuous operation of **critical business** and **government functions** and is essential to **human health and safety** and **economic security**. Lifelines are the most fundamental services in the community that, when stabilized, enable all other aspects of society to function."* **- FEMA's Lifeline Fact Sheet**

Incident responders must assess the condition of the lifeline, establish priorities, organize lines of effort, and respond until the lifelines are stabilized. ***Tetra Tech's crisis action planning and approach to COVID-19 includes prioritizing disinfection services to support our clients' ability to maintain community lifelines open and operational.***

Please Note: Please Note: The information presented in this document reflects the latest information available at the time of publishing. For the most up-to-date information, please also refer to all local, state and federal guidance.

For more information, contact: emergency.management@tetratech.com