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Using Community Lifeline Capability Assessment Planning Templates to Evaluate Food & Water, Supply Chain for Resilience during Catastrophic Events

Using Community Lifeline Capability Assessment Planning Templates to Evaluate Food & Water, Supply Chain for resilience during catastrophic events. These templates will help jurisdictions to be better prepared to address food and water issues during an incident. They will address actionable considerations for the Food, Water and Sheltering Community Lifeline components and Essential Elements of Information, as well as how they may be integrated into existing plans and annexes.

When jurisdictions receive the templates, they will largely be complete, only requiring modifications to make them more jurisdiction-specific. This will be especially beneficial to jurisdictions with smaller staffs and more limited resources. Using focus groups and targeted stakeholder outreach, the project team used Community Lifeline Assessment planning templates to develop a food and water supply delivery and restoration plan that defines public and private sector responsibilities, maximizes private sector

participation, and coordinates with the location and operation of established Points of Distribution.

Presentation Theme: Using Community Lifeline Capability Assessment Planning Templates to Evaluate Food & Water, Supply Chain for resilience during catastrophic events. Using the Capability Assessment templates, the project team was able to identify, evaluate, and recommend options for operationalizing the food and water supply delivery and restoration plan, to include a process for measuring and tracking capability improvements. Options for operationalizing the plan could include creating or updating select jurisdictional operations plans and developing MOUs or other agreements for engaging private sector partners; developing organizational capacity within select regional jurisdictions for managing food and water supplies during catastrophic events; equipment and other resource needs for Points of Distribution.

The planning templates were used to establish a Baseline Community Lifelines Assessment. This assessment involved developing profiles for each participating jurisdiction to determine their capabilities for providing access to food, water, and sheltering to their communities. This includes an evaluation of support mechanisms provided by governmental, non-profit/NGO, and private sector partners. Following the assessment, the jurisdiction received a summary report indicating gaps in the Lifeline, a root cause analysis that identified their source, and recommendations to address them. The assessment also addressed community resilience, highlighting socially vulnerable areas that are most at risk of being underserved in a catastrophic disaster. Once all the assessments were completed a final

report was developed to give decision makers a better understanding of how to direct resources during a catastrophic incident.

Collaborators, Advisor(s) and Department(s) that assisted with this research: Office of Homeland Security and Office of Emergency Management; Prince George's Economic Development Corporation; Department of the Environment; Department of Public Works and Transportation; Department of Social Services