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| **Revision Date:**  | 01JUL2012 | **State of Illinois Emergency Management Agency** | **FUNCTION** | **FOOD & WATER** |
| **Revised By:**  |  |  | **Use By:** | SIRC MGR, UAC CMD, PLN CHF, RES MGR / LOG CHF, OPS CHF |

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| **SHORT-TERM RESPONSE OBJECTIVES** |  | **PRE IDENTIFIED RESOURCE INVENTORY** |
| * Designate Food and Water Distribution Areas
* Establish Food and Water Distribution Site(s)
* Establish Logistical Receipt/Re-Supply Chains and/or Structures
* Provide Staff Training
* Establish Communications (CMD/C3)
* Provide Force Security & Protection
* Establish Traffic/Access Flow
* Provide Public Information Messaging
* Provide Potable Water/Ice/Food
* Implement Trash/Refuse Removal Plan

**SECONDARY CONSIDERATIONS*** Environmental impacts - Weather
* Long-term operations
* Civil Disobedience
* Foodborne/waterborne illnesses
* Personnel Protective Equipment
* Psychological implications
* Secure access and area security
* Vendor and insurance fraud
* Secondary hazards
* Vector specific hazards
 |  | **RESOURCE TYPE** | **QNTY** | **PURPOSE** |
| **Level I** – Humanitarian Aid and Well-Being Food and Water Distribution Team**Level II** – Humanitarian Aid and Well-Being Food and Water Distribution Team**Level III** – Humanitarian Aid and Well-Being Food and Water Distribution Team**Level IV** – Humanitarian Aid and Well-Being Food and Water Distribution Team**STATE RESOURCE BASE**Trucks, Specified by loadSworn Officers – L/EEMAT – IESMAMessage BoardsArrow BoardsSkid Steer – ForkliftForklift, Variable FuelITEC Team and Trailer***LOCAL OPERATIONS ONLY – SUPPORTED BY STATE RESOURCES AND STRUCTURES AS REQUIRED FOR LIFE SAFETY AND LIFE ESSENTIAL MISSION COMPLETION*** | (a)610266221 | Food and Water Distribution up to 3,000 populations served per day.Food and Water Distribution up to 1,500 populations served per day.Food and Water Distribution up to 800 populations served per day.Food and Water Distribution up to 400 populations served per day.Transport and Re-supplyForce Security and Protection / T/A / CivilEmergency Management / Resource ManagementPublic Information and MessagingPublic Information and MessagingRe-supply and Commodities MovementRe-supply and Commodities MovementCommunications1. **Based on populations requiring humanitarian and well-being assistance.**
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| **SAFETY CONSIDERATIONS AND WARNINGS** |
| * **Staff will maintain a safe working environment throughout operations.**
* **Due to the extended working period, staff will be cognizant of stress, fatigue, and the need for adequate rest periods.**
* **Staff should remain aware of vehicular and equipment traffic at all times.**
* **All staff will wear/utilize prescribed personal protective equipment (PPE) throughout operations. Staff will not alter assigned PPE.**
* **All staff should be cognizant of potential lift, trip, fall, pinch, electrical, puncture, chemical and environmental hazards associated with operations.**
* **Any and all situations warranting law enforcement intervention will be immediately directed to the appropriate authorities. At no time will staff intercede in law enforcement activities.**
* **Injuries or medical concerns/conditions will be reported to the medical staff on-site immediately and/or 911 as appropriate.**
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| **WATER DISTRIBUTION CALCULATOR** |  | **FOOD DISTRIBUTION CALCULATOR** |
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| Number of persons in household ▼ | Quantity of water (liters / person / day / 72-hours) | Quantity of water (gallons / person / day / 72-hours) |
| 2 Liter | 1 Liter | 0.5 Liters | 0.25 Liters |  | 1 Gal | 0.5 Gal | Qrts | Pints | 0.5 Pints |
| 1 | 5  | 9  | 18 | 36 | 3 | 6 | 12 | 24 | 48 |
| 2 | 9 | 18 | 36 | 72 | 6 | 12 | 24 | 48 | 96 |
| 3 | 14 | 27 | 54 | 108 | 9 | 18 | 36 | 72 | 144 |
| 4 | 18 | 36 | 72 | 144 | 12 | 24 | 48 | 96 | 192 |
| 5 | 23 | 45 | 90 | 180 | 15 | 30 | 60 | 120 | 240 |
| 6 | 27 | 54 | 108 | 216 | 18 | 36 | 72 | 144 | 288 |
| 7 | 32 | 63 | 126 | 254 | 21 | 42 | 84 | 168 | 336 |
| 8 | 36 | 72 | 144 | 288 | 24 | 48 | 96 | 192 | 384 |
| 9 | 41 | 81 | 162 | 344 | 27 | 54 | 108 | 216 | 432 |
| 10 | 45 | 90 | 180 | 360 | 30 | 60 | 120 | 240 | 480 |

* **3-liters / person / day / 72-hour supply or 1 gal / person / day / 72-hour supply**
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| Number of persons in household ▼ | Quantity of Food(MRE or Heater Meal ® / person / day) | Quantity - CaseMRE or Heater Meal ® |
| 1-day | 2-day | 3-day |  | 1-day | 2-day | 3-day |
| 1 | 2 | 4 | 6 |  |  | ½ case |
| 2 | 4 | 8 | 12 |  | ½ case | 1 case |
| 3 | 6 | 8 | 18 | ½ case | 1 case | 1 ½ cases |
| 4 | 8 | 12 | 24 | ½ case + 2 meals | 1 case + 4 meals | 2 cases |
| 5 | 10 | 16 | 30 |  | 1 case +10 meals | 2 ½ cases  |
| 6 | 12 | 24 | 36 | ½ case | 2 cases | 2 ½ cases |
| 7 | 14 | 28 | 42 | 1 case + 2 meals | 2 cases + 4 meals | 3 ½ cases |
| 8 | 16 | 32 | 48 | 1 case + 4 meals | 2 cases + 8 meals | 4 cases |
| 9 | 18 | 36 | 54 | 1 ½ cases | 3 cases | 4 cases + 8 meals |
| 10 | 30 | 60 | 90 | 2 ½ cases  | 5 cases | 7 ½ cases |

* **2 Meals Ready to Eat (MRE) / person / day or 2 Heater Meals ® / person / day**
* Pallet Quantity Estimate – 48 cases @ 12 ready-to-eat meals per case = 576 meals
* Pallet weight Estimate – 975 lbs
* Case Weight Estimate – 20 lbs
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| **FOOD AND WATER DISTRIBUTION AREA GROUND TEMPLATES** |
| **LEVEL I** | **LEVEL II** | **LEVEL III** | **LEVEL IV** |
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| **MINIMUM STARTING ALLOCATIONS OF FOOD AND WATER PER SHIFT** |
| Pallets, MRE – 35 (18,000 meals)Pallets, Water – 50 (Gallon Totes/equiv.) | Pallets, MRE – 16 (9,000 meals)Pallets, Water – 30 (Gallon Totes/equiv.) | Pallets, MRE – 9 (4,799 meals)Pallets, Water – 15 (Gallon Totes/equiv.) | Pallets, MRE – 5 (2,400 meals)Pallets, Water – 10 (Gallon Totes/equiv.) |
| **MINIMMUM STAFFING PER SHIFT** |
| * 1 - Distribution CMDR
* Opt - Assistant CMDR
* 1 - Safety Officer
* 4 - Forms/Data Entry
* 1 - T/A Leader
* 2 - T/A Attendant
* 1 - Logs Leader
* 4 - Re-Supplier
* 4 - Supplier / Stacker
* 6 - Loader
 | * 1 - Distribution CMDR
* Opt - Assistant CMDR
* 1 - Safety Officer
* 2 - Forms/Data Entry
* 1 - T/A Leader
* 2 - T/A Attendant
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* 2 - Supplier / Stacker
* 4 - Loader
 | * 1 - Distribution CMDR
* Opt - Assistant CMDR
* N/A - Safety Officer
* 2 - Forms/Data Entry
* 1 - T/A Leader
* 1 - T/A Attendant
* 1 - Logs Leader
* 1 - Re-Supplier
* 1 - Supplier / Stacker
* 3 - Loader
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