# Loudoun County MRC – 0165

**Micro Mobile SARS-CoV-2 Diagnostic Testing (Door-to-Door)**

**Introduction:** The Loudoun MRC is housed within the Loudoun County Health Department. Loudoun is a suburb of Washington, DC with an excess of 400,000 residents and consists of both rural and suburban areas. Currently the Loudoun MRC consists of over 2,000 members, both medical and non-medical.

Flyers are distributed by Medical Reserve Corps volunteers a few days prior to each micro testing event for SARS-CoV-2, the virus that causes COVID-19. Residents of each complex are instructed to hang the door hanger on their doorknob before 8:00 AM on the day of the event. MRC personnel will proceed to test occupant’s door-to-door who have checked “yes” on a door hanger placed on each door. Those who did not respond or who have checked “no” will not be prompted to be tested.

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| **Mission Set Title: Micro Mobile SARS-CoV-2 Diagnostic Testing (Door-to-Door)** |
| **Resource Description**: Teams that are designed to go door-to-door, primarily in apartment complexes, with a focus on medically underserved communities. Each team consist of a Specimen Collector, Registration person, Scribe and Logistics support person. MRC members are the primary staffing on all general staff positions. All members must have MRC orientation, a background check completed and position specific training as appropriate (indicated in the job assignment sheets).  |
| Resource Components: |
| **Personnel:** | **Type** (use NIMS Resource Typing if applicable) | **Licenses or Certifications Required?** (yes/no) if yes, list requirement. |
| Specimen Collectors (MD, PA, NP, RN, LPN)Incident CommanderSafety OfficerRegistration SpecialistRegistration AssistanceScribeSupport SpecialistLogistics Support Personal (Lead and Specialist)TranslatorMedical Lead (RN or higher) | Yes – licensed in the stateNoNoNoNoNoNoNoNoYes  |
| **Training Requirements:** | Specimen Collectors – N-95 Fit tested; Previously completion of hands on swabbing training by a local community health providerRegistration Specialist – N-95 Fit Tested; Just in Time on site trainingRegistration Assistance and Scribe – Just in time on site trainingLogistics and others – Job Action SheetsMedical Lead – RN with specimen collection experience preferredSafety – Preferred PPE donning and doffing experience/Infection Control~All persons working these teams take PPE donning/doffing training for infection control. |
| **Equipment Required:**  | **Access to interpretation services via cell phone/language translation service subscription.****PPE as per the job assignment sheets****Specimen Collection Cart(s) containing but not limited to:** 1 Pack-N-Roll 3 shelf collapsible utility cart1 OXO Good Grips Stronghold Basket4 Really Useful Box 9 liter Clear4 Aluminum, letter size clipboards1 Bic xtra-life 60 count blue pens1 box of tissues1 box of gloves (nitrile powder free)1 Sani-Cloth AF3 Germicidal Disposable XL Wipe 65 Count Tub or equivalent2 bottles of hand sanitizer (8 or 12 ounce)2 Sharpie Ultra Fine Point ~ writes on test tube labels.1 1-Pocket Mesh Letter Wall File1 Plastic vertical file folder 2 Orange Wrap-It-Up Carabiner Straps3 GearTie Reusable Rubber Twist Tie1 Vericor Cool Cube 03 with temperature monitor, adequate ice packs, and bubble wrap layer (for new test kits)1 Igloo MaxCold 40 qt cooler with temperature monitor, adequate ice packs, and bubble wrap layer (for collected specimens).1 Orange 5 Gallon Bucket w/appropriate trash bags |
| **Deployment Timeline:** | Time of request + 48 hours. |
| **Requirements for Rotation of Personnel:** | Depends on weather conditions. Due to PPE teams rotate every 45 – 60 minutes in general. Maximum total 4-5-hour shifts depending on personal available |
| **Pre-Planning Considerations:** | **Space Requirements:** Need location for rehab, staff parking, PPE don/doff, command and logistics area.**Support Requirements:** Shelter (e.g., tents) and chairs for rehab and Command Staff. Access to restroom facilities. On-site two-way radio communications. Means of cold holding for new sample kits and collected specimens. |
| **Limiting Factors:** | Sufficient PPE, favorable environmental conditions, means of supply transport, trained swabbing personnel (specimen collectors), partnering specimen processing lab, fit tested staff availability. |

**Resources to support mission set development:**

* We have an agreement with a local Community Health Agency to provide hands-on specimen collection training for specimen collectors.
* See Job Action Sheets attached
	+ Just in Time Training based on the Job Action Sheets
	+ Emergency Management coordinates Command tent, Rehab Tent/area and chairs, and walk-up site social distancing measures.

**Factors to consider when developing mission sets:**

* Several days prior to the event flyers and a door hanger is distributed to every unit (e.g., apartment) with instructions to mark the door hanger (yes/no) if they want to be tested and place the door hanger outside on the door just prior to the event.
	+ A registration processor group (2 people) canvases each building at the start of the event to determine how many units desire testing.
	+ Based on this canvas Command sends a testing team(s) to each unit requesting testing.
* Missions can be scaled depending on the number of units that are going to be contacted. Our working numbers is 1 team for every 30 units.
* Deployment timeline and support requirements – consider what is realistic for local, statewide and EMAC.

**Additional Resources**

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