



STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

October 7, 2016

Vincent R. Hill, PhD, PE
Waterborne Disease Prevention Branch
Division of Foodborne, Waterborne and Environmental Diseases
Centers for Disease Control and Prevention
1600 Clifton Road, NE
Mailstop C-09
Atlanta, GA 30329
Phone: 404-718-4151

Dear Dr. Hill,

The Michigan Department of Health and Human Services is requesting an Epi-Aid to investigate 2016 outbreaks of Shigellosis in Genesee and Saginaw Counties. The objectives of this Epi-Aid would be to:

- Characterize the full extent of the Shigellosis outbreaks including, but not limited to, information on affected household members and close contacts, and clinical treatment and outcomes for cases.
- Use PFGE and whole genome sequencing methods to understand relatedness of Shigella among cases.
- Characterize exposure to risk factors for ongoing Shigellosis outbreaks, including, but not limited to, living in group housing or participating in group activities, travel, HIV status, use of water for drinking, cooking and bathing, among cases of Shigellosis and neighborhood controls.
- Map existing data related to quality of water from municipal systems, such as disinfectant residuals, sewage and water main breaks, triggered positives for total coliforms, and other aspects of water quality.
- Assess need for Household water testing for appropriate cases and controls based on results of epidemiologic investigation.

Thank you for your consideration of this request. I can be reached at lyoncallos@michigan.gov or 517-284-4910 for further information and discussion.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Sarah Lyon-Callo".

Sarah Lyon-Callo, MA, MS
State Epidemiologist and Director
Bureau of Epidemiology and Population Health