Work Plan Disinfection Study Flint MI: Virginia Tech, University University of South Carolina

Concerns have been raised about the presence of products of disinfection heaters of Flint. The general idea of this sampling plan, see concerns are legitimate. All results w be compared to a small database of water heater samples compiled by Dr. Davi

A 4 step work plan is proposed.

Step 1: A total of 4 samples were recollected in a QAPP of the UMASS team, using they prepared and provided. Samples were shipped to Adelphi, on May 4 we selected, both hot and cold water. Three sites were in Flint and on Detroit hotel on Detroit water in Grand Blanc. Results are expected to be ready for Friday, May 6.

Step 2: Another set of samples is proposed to be collected from One Flint set of Ma these samples will be sent to Susan USC and another set of samples will be Reckhow at UMASS. This set will include:

1) 2 samples from Flint hot water heater via a bathroom tap after water run
2) 1 sample from Flint, from one of the homes, of cold water
3) Repeat of a+b, for homes always on Detroit water, either in Grand Blanc

The total number of samples from Flint (3 on Detroit water, outside of Flint on Detroit water).

Step 3: In addition, USC will collect 4 more samples on the May 31 trip, give some perspective levels of DBPs in chlorinated surface water

These will include hot and cold water sample, from two different surface water syst Carolina area.

Reporting: The results will be written up and compared to data collected using sir other cities. The key question is whether Flint has unusual levels of DBPs re always on Detroit water, or whether Flint has much higher other cities.

Schedule. Step 1 was completed on May 4. Step 2 will be completed the morning of May 3 will be completed by 2016. The final report will be completed by September