Supplementary Text 2:
Raw wastewater sampling kit instructions

Sampling Kit Contents:
- Sample collection tubes pre-filled with salt mix (to preserve the viral genetic material in the sample; non-hazardous)
  - 3 labeled sample tubes are included per sampling location
- Ice pack
- Sealable plastic bag with absorbent material
- Return label
- Packaging tape (included in first kit only)

What you need:
- A sampling device to collect a 24-hour composite wastewater sample with clean bottles
- Flow rates and other metadata associated with the sample
- Personal protective equipment

Please plan to ship the samples to the laboratory on the day they were collected. Call FedEx at 1-800-463-3339 to schedule your pickup via overnight shipping.
Samples should be shipped as biohazard class B according to the following guidelines (FedEx guidelines, IATA guidelines, PHMSA guidelines).

Protocol:
1. Carefully open your box (you will use the same box to send back the samples).
2. Retrieve the ice pack from the box. Store the ice pack in a freezer.
3. Collect a 24-hour composite sample of sewage from the designated collection point(s).
4. Mix the sewage (invert bottles or stir) then add 40 mL to each of the provided sample collection tubes (three 50 mL tubes, all with salt, found in the sample kit). **After adding 40 mL of sample, the total volume should be at the 45 mL line for the tubes.**
   a. Fill the 3 tubes for each sample location.
   b. Check the sample label to ensure that the tubes being filled have the same label except for the last digit (e.g., B_loc_072120_1, B_loc_072120_2, etc.).
      i. If the date (ddmmyy, in this example 072120) is missing from the label please fill it in.
5. Screw the sample tube caps on tightly. Wrap packaging tape around the cap to create a secondary seal.
6. If you’re collecting samples from multiple locations, repeat steps 3, 4, and 5.
7. Invert each sample tube at least 20 times to mix and completely dissolve the salt.
8. Wipe down the outside of the tubes.
9. Place the tubes in the provided plastic bag with the absorbent material. Seal the bag.
10. Put the bag and the frozen ice pack into the shipping box.
11. Fill in the sampling log and metadata chart via the google forms.
12. Close the shipping box and attach the provided shipping label and biohazard label to the outside, on top of the previous shipping label.
13. Ship the samples on the day they were collected. Call FedEx at 1-800-463-3339 to schedule your pickup via overnight shipping.