

#### Errata Sheet for Technical Support Materials: Developing Alternative Recreational Criteria for Waters Contaminated by Predominantly Non-Human Fecal Sources

#### Issued July 31, 2024

After publication of *Technical Support Materials: Developing Alternative Recreational Criteria for Waters Contaminated by Predominantly Non-Human Fecal Sources* in April 2024, an error in the code for the dose response function for adenovirus in Appendix E was identified. The code has been corrected in a revised version posted in July 2024. Additionally, a sentence on page 31 was edited for clarity. The specific revisions and corrections are described below.

In version 2, Page 31, the first sentence of the second paragraph has been revised to: In gull feces, *Campylobacter* and *Salmonella* were considered to have a low fraction of human infectious strains (Schoen and Ashbolt, 2010; Soller et al., 2010b).

### In version 2, Page E-2, Appendix E. Example Code for Step 3: Approach 1, explanatory text has been revised to:

## In version 2, Page E-2, Appendix E: Example Code for Step 3: Approach 1, example code for the adenovirus probability of illness given infection has been corrected to:

# In version 2, Page E-6, Appendix E: Example Code for Step 3: Approach 1, explanatory text has been added:

### Caution: This code may produce negative illness estimates on rare occasions when the dose of adenovirus, ### norovirus, or Campylobacter exceeds the computational bounds of the confluent hypergeometric ### dose response function used to characterize these pathogens in the R code. Users are advised to treat ### negative values for the minimum or mean illness rates in the simulation as an indication that some ### concentrations are triggering false estimates when combined with high ingestion volumes in the ### calculations; this eventuality is expected to be rare in surface waters with predominantly animal fecal ### sources. The median and percentile estimates generated by the code will, however, be valid in these ### circumstances.