

VIA E-MAIL AND REGULAR MAIL

22 August 2008

Dr. Thomas C. Granato
Assistant Director of Research & Development
Metropolitan Water Reclamation District of Greater Chicago
6001 W. Pershing Road
Cicero, Illinois 60804-4112

**SUBJECT: ERRATA SHEET
APRIL 2008 DRY AND WET WEATHER MICROBIAL RISK
ASSESSMENT REPORT**

Dear Dr. Granato:

Geosyntec Consultants (Geosyntec) is enclosing an Errata Sheet for the April 2008 Final Dry and Wet Weather Microbial Risk Assessment Report for the Chicago Area Waterway System.

The Errata Sheet provides corrections of typographical errors and clarifications. Please note that clarifications are provided regarding the sampling equipment sterilization procedures. Please note that the sampling equipment was sterilized in accordance with the requirements of the USEPA Manual of Methods for Virology EPA/600/4-84/013 specified in the 2005 and 2006 Sampling and Analysis and Quality Assurance Plans, which are referenced in the subject report.

The corrections and clarifications in the attached Errata Sheet do not affect the quality of the microbial analytical results or the microbial risk assessment results presented in the subject report. If you have any questions regarding the enclosed Errata Sheet please call me at (312) 658-0500.

Very truly yours,



Chriso Petropoulou, Ph.D., P.E., BCEE
Associate

Enclosure (1)

ERRATA SHEET

DRY AND WET WEATHER RISK ASSESSMENT OF HUMAN HEALTH IMPACTS OF DISINFECTION VS. NO DISINFECTION OF THE CHICAGO AREA WATERWAYS SYSTEM (CWS), APRIL 2008

1. Page xi, Line 5: Replace “Blue Green Monkey Kidney (BGMK)” with “Buffalo Green Monkey Kidney (BGMK)”
2. Page xxviii, Paragraph 4, Line 2 and 4: Replace “adenovirus” with “*Calicivirus* (norovirus)”
3. Page 16, Paragraph 2: Replace the text: “The District used disinfected and sterilized sampling equipment at each sampling location and for each sampling event. The equipment was sterilized by scrubbing with warm detergent solution and exposing to bleach (minimum of a 0.5% solution of bleach and water) for at least 30 minutes at ambient temperature. The equipment was rinsed with sterilized deionized water and placed in an area free of potential pathogen contamination until dry. Deionized water was sterilized by autoclaving at 121°C.” with the following text: “The District used disinfected and sterilized sampling equipment at each sampling location and for each sampling event in accordance with the procedures in the Dry and Wet Weather SAPs and QAPPs for the CWS (Geosyntec, 2005; Geosyntec, 2006). The equipment was sterilized by scrubbing with warm detergent solution and immersing in 0.1% chlorine solution for at least 30 minutes at ambient temperature. The chlorine solution from the objects being sterilized was drained. The equipment was dechlorinated by immersing the items in a solution containing 2.5 mL of 2% sterile sodium thiosulfate per liter of sterile deionized H₂O. The equipment was rinsed with sterilized deionized water and placed in an area free of potential pathogen contamination until dry. Sterile, deionized water was prepared by autoclaving at 121°C, for at least 30 minutes. The equipment was covered with sterile aluminum foil. At each sampling

location the sterile sampling apparatus was flushed with at least 20-25 gallons of the water to be sampled, prior to collecting the sample from that location. ”

4. Page 30, Paragraph 2, Line 5: Replace “Blue Green Monkey Kidney (BGMK)” with “Buffalo Green Monkey Kidney (BGMK)”
5. Page 30, Paragraph 2, Line 10: Replace “BGM” with “BGMK”
6. Page 55, Paragraph 1, Line 3 and 5: Replace “adenovirus” with “*Calicivirus* (norovirus)”