Prestige EnviroMicrobiology, Inc.



Analytical Test Report

Client: Garden State Environmental, 555 South Broad Street, Suite K, Glen Rock, NJ 07452

Client Project/Name: Edison Middle School

Sample date: 8-29-2018 Submittal date: 8-31-2018

Samples submitted by: Tara Ekiert

Date analysis completed: September 14, 2018; amended September 18, 2018

Prestige report number: 180831-11A

Culture Method (P031): Analysis of Water Samples for Legionella bacteria

Prestige #			
Client sample ID	Legionella Identification	Conc. (CFU/mL)	Percentage
Location			
180831-11-129			
EMS-B-WM-01*	Not detected	ND	NA
Room B4			
180831-11-130			
EMS-B-HWH-01	Not detected	ND	NA
Boiler Room			
180831-11-131	Legionella pneumophila SG-6	0.8	56%
EMS-B-HWH-02	Legionella (b-m) spp. *	0.6	44%
Kitchen		Total 1.4	
180831-11-132			
EMS-1-S-01	Legionella pneumophila SG-6	16.0	100%
Room 116 by Door, 2 nd from Left			
180831-11-133			
EMS-1-S-02	Legionella pneumophila SG-6	1.6	100%
Girls RR, 1 st Sink, Right			
180831-11-134	Legionella pneumophila SG-6	0.9	78%
EMS-1-S-03	Legionella (b-m) spp. *	0.2	22%
RR next to Stage		Total 1.1	
180831-11-135			
EMS-2-S-04	Legionella pneumophila SG-6	0.8	100%
Girls RR, 2 nd Sink, Left			
180831-11-136	Legionella pneumophila SG-1	0.2	16%
EMS-2-S-05*	Legionella (b-m) spp. *	1.3	84%
Room 216		Total 1.5	
180831-11-137			
EMS-2-S-06	Not detected	ND	NA
Room 201 Closet to Prep			
180831-11-138			
EMS-2-S-07*	Legionella pneumophila SG-6	13.0	100%
Room 205			

^{*} Sample # EMS-B-WM-01, EMS-2-S-05 and EMS-2-S-07 were reprocessed due to bacteria overgrowth.

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Report approved:	Thuesa Jehman
1 11 <u>—</u>	Theresa Lehman, MPH, Lab Director
Technical Manager:	QR44-5
	Chin S Yang, Ph.D.

Analyst: Theresa Lehman, MPH / Ching-Yi Tsai, Ph.D.

- 1. The samples in this report were received in good, acceptable conditions. Prestige EnviroMicrobiology has not performed sample collection for the sample items listed in this report. Results relate only to the items tested.
- 2. Percentage is for each species or serotype of Legionella in total population.
- 3. Concentrations and percentages are rounded to the nearest two significant digits. Total percentage may not add up to 100% due to rounding.
- 4. Sample analysis is based on the "Procedures for the Recovery of *Legionella* from the Environment" published by the Centers for Disease Control and Prevention in 2005.
- 5. SG = Serogroup; NA = not applicable; ND = not detected.
- 6. For technical information on result interpretation, please visit www.Prestige-EM.com.
- 7. Report amended to recalculate concentrations in "CFU/mL" from "CFU/L".