



Customer Name: U.S. Micro-Solutions, Inc. Sample Date: March 18, 2020  
 Customer Address: 302 Unity Plaza Date Received: March 19, 2020  
 Latrobe, PA 15650 Date of Report: March 20, 2020  
 Customer Phone: (724) 853-4047 Fax: (724) 853-4049  
 PO Number: Attention:  
 Project Name/Number: Rapid Sewage Screen Sample Report

Customer sample numbers below are uniquely identified by prefixing Laboratory # 12345-20

Swab Sample(s) for Rapid Sewage Screen using the Colilert® and Enterolert® Systems - Analytical Method USMS-B017 (MIC 11)

Sample Number	Media	Sample Description	Results of Microbial Analysis
1	Colilert Enterolert	A	
Analytical Sensitivity:	1 CFU/swab		Negative for Total Coliforms Negative for Escherichia coli Negative for Enterococci
2	Colilert Enterolert	B	
Analytical Sensitivity:	1 CFU/swab		<b>Positive for Total Coliforms</b> <b>Positive for Escherichia coli</b> <b>Positive for Enterococci</b>
3	Colilert Enterolert	C	
Analytical Sensitivity:	1 CFU/swab		Negative for Total Coliforms Negative for Escherichia coli Negative for Enterococci
4	Colilert Enterolert	D	
Analytical Sensitivity:	1 CFU/swab		<b>Positive for Total Coliforms</b> Negative for Escherichia coli Negative for Enterococci
5	Colilert Enterolert	E	
Analytical Sensitivity:	1 CFU/swab		Negative for Total Coliforms <b>Positive for Escherichia coli</b> Negative for Enterococci
6	Colilert Enterolert	F	
Analytical Sensitivity:	1 CFU/swab		Negative for Total Coliforms Negative for Escherichia coli <b>Positive for Enterococci</b>
7	Colilert Enterolert	G	
Analytical Sensitivity:	1 CFU/swab		Negative for Total Coliforms Negative for Escherichia coli Negative for Enterococci

The Colilert® system detects the presence/absence of coliform bacteria. Coliform bacteria, including *Escherichia coli*, are part of the gastro-intestinal flora of humans and animals and are considered indicator organisms of fecal contamination. Colilert simultaneously detects total coliforms and *Escherichia coli*.

The Enterolert® system detects enterococci, such as *E. faecium* and *E. faecalis*. *Enterococcus* species are found in soil, food, water, and as normal flora in the gastrointestinal tract of animals, birds, and humans.

Results are completed within 24 hours and are reported as positive or negative for total coliforms, *Escherichia coli*, and *Enterococci*.

## Sample Report

Results relate only to the samples tested.

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Technical Manager:

Sharon Fanchalsky, AS, MLT (ASCP)