



NAWQA

Surface water sample and replicate report form *Escherichia coli* on Modified mTEC

To be filled out at time of collection:

Site Name: _____ Sampled By: _____
 Date: ___/___/___ Time: _____ NAWQA 4 letter SUID: _____
 MM / DD / YY (military)

To be filled out by laboratory analyst:

Analyzed by (initials): _____ Analysis Date: _____
 Date Mod. mTEC plates prepared: _____ Time in 35°C (2hr resuscitation): _____
 Filter (0.45 µm) lot number: _____ Time in 44.5°C (20–22hr): _____
 Read by: _____ Time out of incubator: _____

Colony counts:

Suggested sample volumes: 100, 30, 10, 3, 1, 0.3 (30mL of 10⁻² dilution), and 0.1 (10mL of 10⁻² dilution)
 [Positive colony (*E. coli*): red or magenta]
 NWIS parameter code (method code) for *E. coli* in water on modified mTEC: 90902 (BAC19)

Sample size (volume - mL)	<i>E. coli</i> Sample		<i>E. coli</i> Replicate	
	A	B	C	D
100 mL				
30 mL				
10 mL				
3 mL				
1 mL				
0.3 mL (30 mL of a 1 to 100 dilution)				
0.1 0.1 mL (10 mL of a 1 to 100 dilution)				
Filter Blank (before plating series)				
RESULTS <i>E. coli</i> colonies/100 mL				

COMMENTS:

$$100x \frac{\text{Count}}{\text{Volume plated}} = \frac{\text{Colonies}}{100\text{mL}}$$