



GW Positive and Negative Control Cultures Report Form – Total coliforms & *E. coli*

To be filled out at time of collection:

Station Name: _____ Site Number: _____
 Date: 200_____ Time: _____ District User Code (2 letter code): ____
 Y Y Y Y M M D D (military)
 Contact: _____ Phone: (____) _____ - _____

To be filled out by laboratory analyst:

Analyzed by (initials): _____ Time in 35°C: _____ (22-24 hours)
 Medium lot or batch ID: _____ Time out: _____
 Membrane pore size: 0.45 µm Total coliforms positive: all colonies which fluoresce
 Filter lot number: _____ blue-white/white under UV light – including *E. coli*
 Read by: _____ *E. coli* positive: blue colonies

Use a separate filter funnel for the positive and negative controls.

Colony counts:

	Sample size (volume - mL)	Total Coliforms	<i>E. coli</i>	Non-target growth	
				Green Fluorescence	No fluorescence
Positive	100 mL – MI (positive control culture obtained from ODML.)				
	Filter Blank (before plating using 50 mL of sterile buffer)				
Negative	100 mL – MI (negative control culture obtained from ODML.)				
	100 mL – TSA (negative control culture obtained from ODML.)				
	Filter Blank (before plating using 50 mL of sterile buffer)				

Acceptable results:

Positive Control Culture on MI — growth of total coliforms and *E. coli*
 Negative Control Culture on TSA — growth of two colony types: with green fluorescence
 and without any fluorescence
 Negative Control Culture on MI — no growth of colonies that have green fluorescence, but
 some growth of colonies without fluorescence