

Advanced Environmental Laboratories

Dates Analysis Began: 12-11-19
 Dates Plates Read: 12-12-19
 Pad / Plate Date ID#: GMS1-49N1
 Filter ID#: GMS1-49182
 Pipette ID#: GMS1-47031 GMS1-49H1
 m-TEC ID#: mtec 120319
 Buffer H2O ID#: 490 120519
 Chlorine Check Reagent ID#: 9063

RUN LOG FOR
 EPA 1603
 E. coli by Membrane Filter
 CFU/100ml

LIMS Report date/ Analyst Reporting: 12-16-19 / MW
 HBN: 44520 Batch No: 3060 Reviewed by: [Signature]
 Manifest ID: 64A Incubator #1 ID: 64A Incubator #2 ID: 64A
 Incubator #1 temp in: 35.0 Incubator #1 temp out: 35.1
 Incubator #2 temp in: 44.7 Incubator #2 temp out: 44.6
 Incubation Temp/Time: 35.0 +/- 0.5 °C; 2 hours +/- 0.5 hours
 Incubation Temp/Time: 44.5 +/- 0.2 °C; 22 hours +/- 2 hours

Funnel	Filter	Bottle Lot#	Lab ID	Client	Sample ID	Matrix	Sample Volume (mL)	Dilution Factor	Time Start	Time in	Time out	Time in	Time out	Total Count	Colonies per 100mls	Cl ₂ Check	Non-Coliform	Comments
			PIC			B	100	1	1335	1405	1535	1535	1530	0	(436)	W		
			G1916 731		LCS GC	WA	50	2						219	(310)			3x8
			002		GINE 018	WA	85	4						30	(40)			4x(8)
							10	100						2				
							1	4						10				
							25	4						4				
							10	10						91				10x 6 mm (585)
							1	4						60				
			G1510 730		P.B. 121		25	10						57				3x
					dup		10	100						4				
							1	100						54	(208)			3x
							25	4						20				
							10	10						7				
							1	100						80	(360)			3x
			G1910 731		T. Creek		85	4						40				
							10	10						10				
							1	100						0				
							100	1						30	(120)			4x
							25	4						16				
							10	100						3				
							1	100						91	(299)			3x
							25	4						29				
							10	10						6				
							1	100						0				
			Post				100	1										

W=Water, GW=Ground water, SW=Surface water, DI=Deionized water
 B = Blank; 100ml of Buffer H₂O for QC verification of any carry-over
 PRE = 100ml Blank sample filtered prior to each run
 POST = 100ml Blank sample filtered after each run
 MTD-[m] = 100ml Blank sample filtered after 10 usages of each filter holder
 U = Undetected, when used for C₂; <0.2mg/L
 DUP = Duplication of a sample for QC accuracy calculations

Dilutions should be prepared so that the optimum range of 20-80 counts is seen.
 Pre/Post Blank Criteria: <1 col/100ml.
 TNTC = Too numerous to count; [total colonies exceeds 200]
 CG = Confluent growth; [colonies not distinct]
 ↓: Denotes identical to entry above; [i.e., ditto]
 Note: If present, describe and enter non-coliform colony counts in comments column