



Advanced
Environmental Laboratories, Inc.

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MEMBRANE FILTRATION RUN LOG FOR ANALYSIS METHOD

- ☐ SM 9222B Total Coliform CFU/100mL
- ☐ SM 9222D Fecal Coliform CFU/100mL
- ☐ EPA 1600 Enterococci CFU/100mL
- ☒ EPA 1603 E.Coli CFU/100mL

MATRIX ☒ Water
☐ Soil

HBN / Batch
13401 / 1260
LIMS Report Date/By
3/22/18 KQ
Release Date/By
3/26/18 KQ

WATERBATH ☒ G4A

INCUBATOR ☐ G4H
☐ G4I
☒ G4S
☐ G4R

membrane filter:

GM1-35L1

Date / Time IN
3/14/18 1824
Analyst IN
KQ

Date / Time OUT
3/14/18 1955
Analyst OUT
KQ

Temp IN 1
35.4
Temp IN 2
44.4

Temp OUT 1
35.4
Temp OUT 2
44.3

Funnel ID:
G4L
Media ID:
mmf031418
H ₂ O ID:
H2O 031418

Pipette ID(s):
GM1-3401/GM1-31P1
Membrane Filter ID:
GM1-3501
Petri Pad/Plate ID:
GM1-35Q1

Chlorine Test Strip ID:
7242

Manifold ID
G40
Balance ID
NA

Lab ID	Client Sample ID	Sample Vol.	Dilution	Filtration Start	Colony Count*	CFU /100mL	U ₂	Additional Information Comments
Pre	-	100	1	1805	0			
G1802121 001	G1NE0904	5	20		1	20	U	bottles not our lot
	dup	5	20					
		1	100		0			
		0.1	1K		0			
002	G1NE0902	10	10		41	410	U	10x
		1	100		4			
		0.1	1K		0			
003	G1NE0914	10	10		9	90	U	10x B
		1	100		0			
		0.1	1K		0			
Post	-	100	1		0			
PC	-	-	-	NA	+			
NC	-	-	-	+	-			

SM9222B 22-24hrs.@35.0+/-0.5°C
SM9222D 24+/-2hrs.@44.5+/-0.2°C
EPA1600 24+/-2hrs.@41.0+/-0.5°C
EPA1603 2hrs.@35.0+/-0.5°C;22-24hrs.@44.5+/-0.2°C

When using multiple dilutions & no reading falls within the optimum range (20-60 colonies SM9222D/EPA1600; 20-80 colonies SM9222B/EPA1603) results are calculated as (an+bn+cn)X100/(a+b+c); where an, bn, & cn are the colony counts at volumes a, b, & c.

*Target Bacteria Colony Count

Rev:02

DCM-GM1-001-001-001-001