



Advanced
Environmental Laboratories, Inc.

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
1685 / 12739
LIMS Report Date/By
40 3-31-17
Release Date/By
JK 3-31-17

WATERBATH ☐ J6B M8B
 403-29-17
 INCUBATOR ☐ J6A M8A
 403-29-17

Date / Time IN	15:20 3-29-17 15:50
Analyst IN	40

Date / Time OUT	3-29-17 1728
Analyst OUT	J6

Temp IN 1	35.3°C
Temp IN 2	44.6°C

Temp OUT 1	35.3°C
Temp OUT 2	44.5°C

Media ID: 8m1703-54		Membrane Filter ID: MW3-12P1			Chlorine Test Strip ID: MW3-21F10		Manifold ID: M85		
H ₂ O ID: 8m1703-48		Petri Pad/Plate ID: MW3-21L1					Balance ID: M7F		
Funnel	Lab ID	Client Sample ID	Sample Vol.	Dilution	Filtration Start	Colony Count*40	CFU /100mL	σ _s	Additional Information Comments
2	Re BK		50	2x	14:50	1520	21	N/A	
1	M1701253001	10:10	10	10x		9	90	U	Bottles not
3	L	1	25	4x		21	84	U	AEL Bottle
4	M1701253002	11:40	10	10x		35	350	U	263
5	L	1	25	4x		57	228	U	
6	M1701253003	11:30	10	10x		8	80	U	
7	L	1	25	4x		22	88	U	
8	M1701253004	10:30	10	10x		2	70	U	
9	L		25	4x		24	96	U	
10	M1701253005	13:15	10	10x		12	120	U	
11	L		25	4x		40	160	U	
12	post BK		50	2x		21	21	N/A	
13	control 1	8m1703-57	100	1x		21	21	N/A	
14	+ control	8m1703-47	1	100x	/	TNTC	TNTC	N/A	
15									
16									
17									
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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

DCN: MIC-141, Created 12/30/14, rev 3/21/16j