



Advanced
Environmental Laboratories, Inc.

Analysis Begin Date: 5/9/2018

Dates Plates Read: 5/10/2018

LIMS Report Date: 5/15/2018

RUN LOG FOR

EPA 1603

E. Coli by Membrane Filter

CFU/100mL

Pad / Plate Date ID#: TM3-19T5

Filter ID#: TM3-19U6

Pipette ID#: TM3-19B2/TM3-18C1

m-TEC ID#: MTEC5818

Buffer H2O ID#: PBD15818

Chlorine Check Reagent ID#: TM3-19K1

(Analyst) Begun By:	ARV	Read By:	ARV
LIMS Report By:		Reviewed By:	ARV
HBN Batch # Released:	23798	1666	5-18-18

Manifold ID: T1J

Incubator #1 ID: T1AJ

Incubator #2 ID: T1AN

Incubator #1 Temp In: 35

Incubator #1 Temp Out: 35

Incubator #2 Temp In: 44.5

Incubator #2 Temp Out: 44.6

Incubation #1 Temp/Time: 35.0 +/- 0.5 °C; 2 hours +/- 0.5 hours

Incubation #2 Temp/Time: 44.5 +/- 0.2 °C; 22 hours +/- 2 hours

Funnel	Filter	Bottle Lot#	Lab ID AEL Sample ID	Client ID	Sample Matrix	Sample Volume (mL)	Dilution Factor	Time Start Filtration	Time in Incubator #1	Time out Incubator #1	Time in Incubator #2	Time Out Incubator #2	Total Count	Colonies per 100mL	Cl ₂ Check	Non-Coliform Colonies	Comments & Qualifiers
4	4		2712033		WA	100	1	16:15	16:25	18:25	18:25	14:30	0	0	U		
4	4	MN004V	T1807974001	APPLIEDSCI	SW	10	10	16:15	16:25	18:25	18:25	14:30	27	270	U		270 @10X
5	5	MN004V	2712034	SD	SW	1	100	16:15	16:25	18:25	18:25	14:30	1	100	U		
6	6	MN004V	2712035	SD	SW	0.1	1000	16:15	16:25	18:25	18:25	14:30	0	0	U		
4	4	MN004V	T1807974002	APPLIEDSCI	SW	10	10	16:15	16:25	18:25	18:25	14:30	7	70	U		70 @10X B
5	5	MN004V	2712036	SD	SW	1	100	16:15	16:25	18:25	18:25	14:30	2	200	U		
6	6	MN004V	2712037	SD	SW	0.1	1000	16:15	16:25	18:25	18:25	14:30	0	0	U		
4	4	MN004V	T1807974003	APPLIEDSCI	SW	10	10	16:15	16:25	18:25	18:25	14:30	96	960	U		960 @10X B
5	5	MN004V	2712038	SD	SW	1	100	16:15	16:25	18:25	18:25	14:30	7	700	U		
6	6	MN004V	2712039	SD	SW	0.1	1000	16:15	16:25	18:25	18:25	14:30	0	0	U		
4	4	CLIENT	T1807982001	FDEP	SW	25	4	16:15	16:25	18:25	18:25	14:30	1	4	U		4 @4X B
5	5	CLIENT	2712040	SD	SW	10	10	16:15	16:25	18:25	18:25	14:30	0	0	U		
6	6	CLIENT	2712041	SD	SW	1	100	16:15	16:25	18:25	18:25	14:30	0	0	U		
4	4	CLIENT	T1807982002	FDEP	SW	25	4	16:15	16:25	18:25	18:25	14:30	1	4	U		4 @4X B
5	5	CLIENT	2712042	SD	SW	10	10	16:15	16:25	18:25	18:25	14:30	0	0	U		
6	6	CLIENT	2712043	SD	SW	1	100	16:15	16:25	18:25	18:25	14:30	0	0	U		
4	4																
5	5																
6	6																
4	4																
5	5																
6	6																
4	4																
5	5																
6	6																

** WW=Wastewater, GW=Ground water, SW=Surface water, DW=Drinking 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

MID-[no.] = 100mL Blank sample filtered after 10 usages of each filter holder

U = Undetected, when used for Cl₂: <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]

I: Denotes 'identical to entry above'; [i.e., ditto]

Note: If present, describe and enter non-coliform colony counts in comments column

DCN: MI-141

Eff: 6/12/17