



Advanced
Environmental Laboratories, Inc.

Analysis Begin Date: 2/21/2019

Dates Plates Read: 2/22/2019

LIMS Report Date: 2/26/2019

(Analyst) Begun By:	AV	Read By:	AV
LIMS Report By:	AV	Reviewed By:	3.4.19
HBN Batch # Queue:	8911	3092	MICt

Pad / Plate Date ID#: TM3-26124

Filter ID#: TM3-26M18

Pipette ID#: TM3-24S3/26E2

m-TEC ID#: MTEC22019

Buffer H2O ID#: PBDI21819

Chlorine Check Reagent ID#: TM3-21J8

RUN LOG FOR

EPA 1603

E. Coli by Membrane Filter

CFU/100mL

Manifold ID: T1J

Incubator #1 ID: T1AJ

Incubator #2 ID: T1AV

Incubator #1 Temp In: 35.0

Incubator #1 Temp Out: 35.0

Incubator #2 Temp In: 44.5

Incubator #2 Temp Out: 44.5

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

Funne	Filter	Bottle Lot#	Lab ID AEL Sample ID	Client ID	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 100mls	Cl ₂ Check	Non-Coliform Colonies	Comments & Qualifiers
4	4		3010308	PRE 1	DI	100	1	17:00	17:25	18:56	18:56	16:02	0	0 U			
5	5		3010309	PRE 2	DI	100	1	17:00	17:25	18:56	18:56	16:02	0	0 U			
6	6		3010310	PRE 3	DI	100	1	17:00	17:25	18:56	18:56	16:02	0	0 U			
4	4	CLIENT	T1903116001	FDEP	SW	25	4	17:00	17:25	18:56	18:56	16:02	27	108 U			108 @4X
5	5	CLIENT	3010311	SD	SW	10	10	17:00	17:25	18:56	18:56	16:02	5	500 U			
6	6	CLIENT	3010312	SD	SW	1	100	17:00	17:25	18:56	18:56	16:02	1	100 U			
4	4	CLIENT	T1903116002	FDEP	SW	25	4	17:00	17:25	18:56	18:56	16:02	9	36 U			36 @4X B
5	5	CLIENT	3010313	SD	SW	10	10	17:00	17:25	18:56	18:56	16:02	3	300 U			
6	6	CLIENT	3010314	SD	SW	1	100	17:00	17:25	18:56	18:56	16:02	0	0 U			
4	4	CLIENT	T1903116003	FDEP	SW	10	10	17:00	17:25	18:56	18:56	16:02	71	710 U			710 @10X
5	5	CLIENT	3010315	SD	SW	25	4	17:00	17:25	18:56	18:56	16:02	142	568 U			
6	6	CLIENT	3010316	SD	SW	1	100	17:00	17:25	18:56	18:56	16:02	4	400 U			
4	4	CLIENT	T1903116004	FDEP	SW	25	2.8	17:00	17:25	18:56	18:56	16:02	62	269 U			269 @2.8X
5	5	CLIENT	3010317	SD	SW	10	10	17:00	17:25	18:56	18:56	16:02	29	290 U			CALCULATED
6	6	CLIENT	3010318	SD	SW	1	100	17:00	17:25	18:56	18:56	16:02	2	200 U			
4	4	CLIENT	T1903116005	FDEP	SW	10	10	17:00	17:25	18:56	18:56	16:02	73	730 U			730 @10X
5	5	CLIENT	3010319	SD	SW	25	4	17:00	17:25	18:56	18:56	16:02	163	652 U			
6	6	CLIENT	3010320	DUP	SW	10	10	17:00	17:25	18:56	18:56	16:02	75	750 U			
6	6	CLIENT	3010321	SD	SW	1	100	17:00	17:25	18:56	18:56	16:02	10	1000 U			
4	4	NA	T1903151001	APPLIEDSCI	SW	10	10	17:00	17:25	18:56	18:56	16:02	30	300 U			300 @10X
5	5	NA	3010322	SD	SW	1	100	17:00	17:25	18:56	18:56	16:02	2	200 U			
6	6	NA	3010323	SD	SW	0.1	1000	17:00	17:25	18:56	18:56	16:02	0	0 U			
4	4	NA	T1903151002	APPLIEDSCI	SW	10	10	17:00	17:25	18:56	18:56	16:02	71	710 U			710 @10X
5	5	NA	3010324	SD	SW	1	100	17:00	17:25	18:56	18:56	16:02	8	800 U			
6	6	NA	3010325	SD	SW	0.1	1000	17:00	17:25	18:56	18:56	16:02	0	0 U			
4	4	NA	T1903151003	APPLIEDSCI	SW	1	100	17:00	17:25	18:56	18:56	16:02	16	1600 U			1600 @100X

** WA=Water, GW=Ground water, SW=Surface water, DI=Dionized 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]

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

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

Eff: 6/12/17

Rev: 2/7/19



LIMS Report Date: 2/26/2019

Chlorine Check Reagent ID#: TM3-21J8

CFU/100mL

Incubation #2 Temp/Time: 44.5 $\pm$ 0.2 $^{\circ}$ C; 22 hours $\pm$ 2 hours

22-26-19

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

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