



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 03/31/2021

QC BATCH ID: LB113773

BOD Water: WP90265

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP90267

GGA: WP90266

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP88904

NaOH, 1N: WP89699

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP90097

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.8
WINKLER 2	WINKLER 2	2	300	8.9	17.6	8.7	8.8

Meter Calibration1: 8.75

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.05 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.87

After Incubation

Meter Calibration2: 8.69

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.81

QC BATCH ID: LB113773

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:20

TIME OUT: 11:40

DATE IN: 03/31/2021

DATE OUT: 04/05/2021

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB113773BL	1	No	6.0	N/A	21.00	300	8.87	8.77	0.1	0.1	0.1	
POLYSEED	1					10	8.86	5.54	3.32	0.66	0.75	
POLYSEED	2					15	8.85	2.67	6.18	0.82		
POLYSEED	3					20	8.83	1.05	7.78	0.78		
GGA	1					6	8.85	3.73	5.12	218.5	217.33	
GGA	2					6	8.84	3.92	4.92	208.5		
GGA	3					6	8.86	3.61	5.25	225		
M1862-01	1	No	6.09	N/A	20.90	5	8.84	7.66	-	0		
M1862-01	2					20	8.83	7.28	-	0		
M1862-01	3					50	8.82	7.23	-	0		
M1862-01	4					150	8.80	7.16	-	0		
M1862-01DUP	1	No	6.09	N/A	20.90	5	8.85	7.69	-	0		
M1862-01DUP	2					20	8.84	7.35	-	0		
M1862-01DUP	3					50	8.83	7.20	-	0		
M1862-01DUP	4					150	8.82	7.09	-	0		
M1862-02	1	No	6.72	N/A	20.70	5	8.83	8.54	-	0		
M1862-02	2					20	8.82	8.28	-	0		
M1862-02	3					50	8.80	8.14	-	0		
M1862-02	4					150	8.79	7.98	-	0		
M1862-03	1	No	6.72	N/A	20.70	5	8.80	8.59	-	0		
M1862-03	2					20	8.79	8.35	-	0		
M1862-03	3					50	8.77	8.08	-	0		
M1862-03	4					150	8.75	7.98	-	0		
M1862-04	1	No	6.73	N/A	20.80	5	8.77	8.04	-	0		
M1862-04	2					20	8.75	7.79	-	0		
M1862-04	3					50	8.74	7.70	-	0		
M1862-04	4					150	8.72	7.67	-	0		
M1884-02	1	No	5.6	7.2	18.20	0.5	8.79	7.52	-	0	473.25	pH Adjusted
M1884-02	2					1	8.77	6.64	2.13	414		
M1884-02	3					2	8.76	4.46	4.3	532.5		
M1884-02	4					3	8.75	0.17	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

LB113773

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-33121 WorkList ID : 147612 Department : Wet-Chemistry Date : 03-31-2021 08:56:01

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/27/2021	Water	M1862-01	F BOD5	Cool 4 deg C	LOCK01	L11	MW-1	03/25/2021	SM5210 B
03/27/2021	Water	M1862-02	F BOD5	Cool 4 deg C	LOCK01	L11	MW-3	03/25/2021	SM5210 B
03/27/2021	Water	M1862-03	F BOD5	Cool 4 deg C	LOCK01	L11	MW-4	03/25/2021	SM5210 B
03/27/2021	Water	M1862-04	F BOD5	Cool 4 deg C	LOCK01	L11	MW-2	03/25/2021	SM5210 B
04/02/2021	Water	M1884-02	B BOD5	Cool 4 deg C	ARAM01	L11	COMP	03/31/2021	SM5210 B

Date/Time 03/31/2021 16:30
 Received by: AMC (wetchem)
 Relinquished by: KS (wetchem)

Date/Time 03/31/2021 17:35
 Received by: KS (wetchem)
 Relinquished by: AMC (wetchem)