



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 03/17/2021

QC BATCH ID: LB113553

BOD Water: WP90013

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP90014

GGA: WP90015

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: WP89913

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: 8.71

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.03 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.93

After Incubation

Meter Calibration2: 8.69

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.03 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.84



QC BATCH ID: LB113553

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 16:50

TIME OUT: 11:15

DATE IN: 03/17/2021

DATE OUT: 03/22/2021

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
LB113553BL	1	No	6.0	N/A	21.20	300	8.90	8.78	0.12	0.12	0.12	
POLYSEED	1					10	8.90	5.25	3.65	0.73	0.69	
POLYSEED	2					15	8.86	3.81	5.05	0.67		
POLYSEED	3					20	8.85	2.07	6.78	0.68		
GGA	1					6	8.80	4.34	4.46	188.5	192.17	
GGA	2					6	8.79	4.02	4.77	204		
GGA	3					6	8.78	4.41	4.37	184		
M1690-01	1	No	11.3	7.2	20.90	1	8.90	8.87	-	0	7.98	pH Adjusted
M1690-01	2					5	8.87	8.62	-	0		
M1690-01	3					20	8.87	8.11	-	0		
M1690-01	4					50	8.87	6.85	2.02	7.98		
M1705-02	1	No	6.4	N/A	21.00	0.5	8.87	7.62	-	0	837	
M1705-02	2					1	8.86	5.55	3.31	786		
M1705-02	3					2	8.81	2.20	6.61	888		
M1705-02	4					3	8.80	0.21	-	0		
M1705-02DUP	1	No	6.4	N/A	21.00	0.5	8.87	7.77	-	0	860.25	
M1705-02DUP	2					1	8.85	5.45	3.4	813		
M1705-02DUP	3					2	8.83	2.09	6.74	907.5		
M1705-02DUP	4					3	8.80	0.20	-	0		
M1710-01	1	No	8.6	7.2	21.40	0.5	8.87	6.80	2.07	828	792	pH Adjusted
M1710-01	2					1	8.83	5.62	3.21	756		
M1710-01	3					5	8.82	0.22	-	0		
M1710-01	4					20	8.80	0.17	-	0		

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

LB13553

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-31721 WorkList ID : 147210 Department : Wet-Chemistry Date : 03-17-2021 09:02:55

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/18/2021	Water	M1690-01 ^H	BOD5	Cool 4 deg C	DEWB01	H62	MC-WC	03/16/2021	SM5210 B
03/19/2021	Water	M1705-02 ^A	BOD5	Cool 4 deg C	ARAM01	J62	COMP	03/17/2021	SM5210 B
03/19/2021	Water	M1710-01 ^B	BOD5	Cool 4 deg C	ARDM01	J63	EFF-WW	03/17/2021	SM5210 B

Date/Time 03/17/2021 15:50
Received by: AmCwet-chem
Relinquished by: KS (wetchem)Date/Time 03/17/2021 17:00
Received by: KS (wetchem)
Relinquished by: AmCwet-chem