



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 12/31/2020

QC BATCH ID: LB112589

BOD Water: WP88872

Starch: W2703

Sulfuric acid, 1N: W2609

POLYSEED: WP88874

GGA: WP88873

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP87313

NaOH, 0.25N: WP86593

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP88838

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.70

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.83

After Incubation

Meter Calibration2: 8.75

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.75



QC BATCH ID: LB112589

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:30

TIME OUT: 10:00

DATE IN: 12/31/2020

DATE OUT: 01/05/2021

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
LB112589BL	1	No	6.0	N/A	21.20	300	8.83	8.72	0.11	0.11	0.11	
POLYSEED	1					10	8.79	4.50	4.29	0.86	0.76	
POLYSEED	2					15	8.76	3.90	4.86	0.65		
POLYSEED	3					20	8.74	1.09	7.65	0.77		
GGA	1					6	8.72	3.37	5.35	229.5	218.83	
GGA	2					6	8.70	3.50	5.2	222		
GGA	3					6	8.74	3.88	4.86	205		
L5245-02	1	No	6.4	N/A	17.20	0.5	8.79	5.61	3.18	1452	1444.5	
L5245-02	2					1	8.77	3.22	5.55	1437		
L5245-02	3					2	8.73	0.11	-	0		
L5245-02	4					3	8.70	0.10	-	0		
L5245-02DUP	1	No	6.4	N/A	17.20	0.5	8.80	5.55	3.25	1494	1462.5	
L5245-02DUP	2					1	8.78	3.25	5.53	1431		
L5245-02DUP	3					2	8.74	0.13	-	0		
L5245-02DUP	4					3	8.72	0.09	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB112589

WorkList Name : bod123120 WorkList ID : 145345 Department : Wet-Chemistry Date : 12-31-2020 08:46:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/01/2021	Water	L5245-02	BOD5	Cool 4 deg C	ARAM01	M11	COMP	12/30/2020	SM5210 B

Date/Time 12/31/2020 09:00
 Received by: KS (Wetchem)
 Relinquished by: JP (Wet Chem)

Date/Time 12/31/2020 12:35
 Received by: JP (Wet Chem)
 Relinquished by: KS (Wetchem)