

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 03/25/2022QC BATCH ID: LB119434BOD Water: WP96093MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: M5038Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP96095NaOH, 1N: WP94570GGA: WP96094IncubatorID: INCUBATOR #3Chlorine Strips: W2011GuageID: 0511064pH Strips: W2716Zero DO: WP96043

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.75
WINKLER 2	WINKLER 2	2	300	8.7	17.5	8.8	8.75

Meter Calibration1: 8.77Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure1: 745 mmHgWinkler titrated BOD fluid DO reading1: 8.95**After Incubation**Meter Calibration2: 9.05Zero DO Reading2: 0.02 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 9.01



QC BATCH ID: LB119434

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:00

TIME OUT: 12:10

DATE IN: 03/25/2022

DATE OUT: 03/30/2022

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
LB119434BL	1	No	6.0	N/A	20.60	300	8.73	8.68	0.05	0.05	0.05	
POLYSEED	1					10	8.72	5.87	2.85	0.57	0.6	
POLYSEED	2					15	8.71	4.24	4.47	0.6		
POLYSEED	3					20	8.77	2.51	6.26	0.63		
GGA	1					6	8.70	4.20	4.5	195	191.33	
GGA	2					6	8.72	4.36	4.36	188		
GGA	3					6	8.68	4.26	4.42	191		
N2126-01	1	No	7.45	N/A	20.90	5	8.70	7.73	-	0	23.82	
N2126-01	2					20	8.54	6.02	2.52	28.8		
N2126-01	3					50	8.30	4.56	3.74	18.84		
N2126-01	4					150	7.33	0.12	-	0		
N2128-01	1	No	7.55	N/A	20.70	5	8.74	8.39	-	0	5.46	
N2128-01	2					20	8.75	7.43	-	0		
N2128-01	3					50	8.71	7.08	-	0		
N2128-01	4					150	8.72	5.39	3.33	5.46		
N2128-01DUP	1	No	7.55	N/A	20.80	5	8.75	8.40	-	0	5.46	
N2128-01DUP	2					20	8.77	7.45	-	0		
N2128-01DUP	3					50	8.73	7.10	-	0		
N2128-01DUP	4					150	8.74	5.41	3.33	5.46		

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

WORKLIST(Hardcopy Internal Chain)

VBV 1944 34

WorkList Name : bod 032422 WorkList ID : 158203 Department : Wet-Chemistry Date : 03-24-2022 16:10:05

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/26/2022	Water	N2126-01	BOD5	Cool 4 deg C	INFR01	N13	SWB-N-(116)	03/24/2022	SM5210 B
03/26/2022	Water	N2128-01	BOD5	Cool 4 deg C	INFR01	N21	SWB-L-(114)	03/24/2022	SM5210 B

16:15

Date/Time 03/24/22
 Raw Sample Received by: JA (sul)
 Raw Sample Relinquished by: JA (sul)

Date/Time 03/24/22
 Raw Sample Received by: JA (sul)
 Raw Sample Relinquished by: JA (sul)