

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 12/23/2021QC BATCH ID: LB117958BOD Water: WP94530MANGANOUS SULFATE SOLUTION: W2767Starch: W2703Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP88863Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP94533NaOH, 1N: WP91991GGA: WP94531IncubatorID: INCUBATOR #3Chlorine Strips: W2543GuageID: 0511064pH Strips: W2716Zero DO: WP94126

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	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 9.10Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure1: 765 mmHgWinkler titrated BOD fluid DO reading1: 8.86**After Incubation**Meter Calibration2: 9.02Zero DO Reading2: 0.04 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 9.07



QC BATCH ID: LB117958

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:00

TIME OUT: 11:30

DATE IN: 12/23/2021

DATE OUT: 12/28/2021

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
LB117958BL	1	No	6.0	N/A	21.20	300	8.88	8.87	0.01	0.01	0.01	
POLYSEED	1					10	8.80	4.97	3.83	0.77	0.72	
POLYSEED	2					15	8.78	3.43	5.35	0.71		
POLYSEED	3					20	8.76	1.89	6.87	0.69		
GGA	1					6	8.79	4.24	4.55	191.5	191	
GGA	2					6	8.77	4.05	4.72	200		
GGA	3					6	8.79	4.44	4.35	181.5		
M5206-01	1	No	8.46	7.20	21.10	5	8.89	8.71	-	0	3.56	pH Adjusted
M5206-01	2					20	8.85	8.60	-	0		
M5206-01	3					50	8.83	8.44	-	0		
M5206-01	4					150	8.88	6.38	2.5	3.56		
M5206-01DUP	1	No	8.46	7.20	21.10	5	8.83	8.73	-	0	3.36	pH Adjusted
M5206-01DUP	2					20	8.80	8.63	-	0		
M5206-01DUP	3					50	8.82	8.46	-	0		
M5206-01DUP	4					150	8.80	6.40	2.4	3.36		
M5209-02	1	No	6.72	N/A	20.40	0.5	8.83	8.78	-	0	251	
M5209-02	2					1	8.82	8.10	-	0		
M5209-02	3					2	8.80	7.55	-	0		
M5209-02	4					3	8.79	5.56	3.23	251		

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

WORKLIST(Hardcopy Internal Chain)

LB 117958

WorkList Name : bod122321 WorkList ID : 155491 Department : Wet-Chemistry Date : 12-23-2021 10:04:28

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/24/2021	Water	M5206-01	C BOD5	Cool 4 deg C	INFR01	H11	WEEKLY-OUTFALL-002	12/22/2021	SM5210 B
12/24/2021	Water	M5209-02	A BOD5	Cool 4 deg C	ARAM01	H11	COMP	12/22/2021	SM5210 B

Date/Time 12/23/21 10:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: RJ LEXA-VAL

Date/Time 12/23/21 16:05
 Raw Sample Received by: RJ LEXA-VAL
 Raw Sample Relinquished by: KS (WC)