

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaQC BATCH ID: LB128950Analysis Date: 12/27/2023BOD Water: WP105902MANGANOUS SULFATE SOLUTION: W2913Starch: W2977Alkaline Iodide Azide: W2914Sulfuric acid, 1N: WP105744Sodium Thiosulfate, 0.025N: W2976POLYSEED: WP105903NaOH, 1N: WP103989GGA: WP105904IncubatorID: INCUBATOR #3Chlorine Strips: W2965GuageID: 0511064pH Strips: W3056Zero DO: WP105589

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.4	18.8	9.4	9.4

Meter Calibration1: 9.25Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)Barometric Pressure1: 765 mmHg DO Meter BOD fluid reading for winkler comparison: 9.32**After Incubation**Meter Calibration2: 9.18Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHg



QC BATCH ID: LB128950

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:00

TIME OUT: 11:30

DATE IN: 12/27/2023

DATE OUT: 01/01/2024

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
LB128950BL	1	No	9.30	N/A	20.40	300	9.29	9.27	0.02	0.02	0.02	
POLYSEED	1					10	9.28	5.77	3.51	0.7	0.77	
POLYSEED	2					15	9.27	3.25	6.02	0.8		
POLYSEED	3					20	9.28	1.11	8.17	0.82		
GGA	1					6	9.26	4.89	4.37	180	186	
GGA	2					6	9.24	4.74	4.5	186.5		
GGA	3					6	9.21	4.61	4.6	191.5		
O6029-02	1	No	5.90	N/A	20.10	0.5	9.27	6.79	2.48	1026	763.63	
O6029-02	2					1	9.24	5.89	3.35	774		
O6029-02	3					2	9.21	4.15	5.06	643.5		
O6029-02	4					3	9.18	2.30	6.88	611		
O6029-02DUP	1	No	5.91	N/A	20.50	0.5	9.28	6.80	2.48	1026	761.88	
O6029-02DUP	2					1	9.25	5.90	3.35	774		
O6029-02DUP	3					2	9.23	4.19	5.04	640.5		
O6029-02DUP	4					3	9.19	2.35	6.84	607		
O6030-01	1	No	7.96	N/A	20.10	5	9.28	8.34	-	0	8.58	
O6030-01	2					20	9.27	8.06	-	0		
O6030-01	3					50	9.24	6.46	2.78	12.06		
O6030-01	4					150	9.21	5.89	3.32	5.1		

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

NOTE: 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

✓ 128950

WorkList Name : BOD O6028

WorkList ID : 176799

Department : Wet-Chemistry

Date : 12-27-2023 14:46:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O6029-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	O11	12/27/2023	SM5210 B
O6030-01	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	O11	12/27/2023	SM5210 B

Date/Time 12/27/23 14:50
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 12/27/23 18:00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]