

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** JIGNESH**Analysis Date:** 04/05/2023**QC BATCH ID:** LB124844**BOD Water:** WP101854**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP100509**Sodium Thiosulfate, 0.025N:** W2941**POLYSEED:** WP101856**NaOH, 1N:** WP101216**GGA:** WP101855**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP101527

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: 9.03Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)Barometric Pressure1: 771 mmHg DO Meter BOD fluid reading for winkler comparison: 9.48**After Incubation**Meter Calibration2: 9.03Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)Barometric Pressure2: 776 mmHg



QC BATCH ID: LB124844

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 16:00

TIME OUT: 13:00

DATE IN: 04/05/2023

DATE OUT: 04/10/2023

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
LB124844BL	1	No	6.55	N/A	20.50	300	9.47	9.46	0.01	0.01	0.01	
POLYSEED	1					10	9.44	5.43	4.01	0.8	0.68	
POLYSEED	2					15	9.43	4.64	4.79	0.64		
POLYSEED	3					20	9.41	3.48	5.93	0.59		
GGA	1					6	9.44	5.43	4.01	166.5	181.17	
GGA	2					6	9.43	5.02	4.41	186.5		
GGA	3					6	9.40	4.91	4.49	190.5		
O2211-01	1	No	7.07	N/A	20.00	5	9.41	7.40	2.01	79.8	59.4	
O2211-01	2					20	9.15	5.87	3.28	39		
O2211-01	3					50	8.69	0.44	-	0		
O2211-01	4					150	6.72	0.26	-	0		
O2211-02	1	No	7.10	N/A	20.00	5	9.46	8.84	-	0	33.87	
O2211-02	2					20	9.34	6.08	3.26	38.7		
O2211-02	3					50	9.11	3.59	5.52	29.04		
O2211-02	4					150	8.06	0.32	-	0		
O2211-02DUP	1	No	7.10	N/A	20.00	5	9.45	8.83	-	0	34.02	
O2211-02DUP	2					20	9.35	6.07	3.28	39		
O2211-02DUP	3					50	9.10	3.58	5.52	29.04		
O2211-02DUP	4					150	8.07	0.33	-	0		

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)

WorkList Name : BOD4-05

WorkList ID : 168792

Department : Wet-Chemistry

Date : 04-05-2023 14:30:11

66124844

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/06/2023	Water	O2211-01	BOD5	Cool 4 deg C	TULL01	M11	001-WILLETS-PT-BLVD(APR)	04/04/2023	SM5210 B
04/06/2023	Water	O2211-02	BOD5	Cool 4 deg C	TULL01	M11	002-35TH-AVE(APR)	04/04/2023	SM5210 B

Date/Time 04/05/2023 14:40
 Raw Sample Received by: RM CWES
 Raw Sample Relinquished by: JH(CDC)

Date/Time 04/05/2023 16:10
 Raw Sample Received by: JH(CDC)
 Raw Sample Relinquished by: RM CWES