

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** JIGNESH**Analysis Date:** 07/20/2023**QC BATCH ID:** LB126536**BOD Water:** WP103355**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP103357**NaOH, 1N:** WP101216**GGA:** WP103356**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP103062

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	8.8
WINKLER 2	WINKLER 2	2	300	8.8	17.6	8.8	8.8

Meter Calibration1: 8.85Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 8.89**After Incubation**Meter Calibration2: 9.00Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHg



QC BATCH ID: LB126536

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 16:50

TIME OUT: 14:00

DATE IN: 07/20/2023

DATE OUT: 07/25/2023

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
LB126536BL	1	No	6.57	N/A	20.40	300	8.88	8.87	0.01	0.01	0.01	
POLYSEED	1					10	8.84	6.04	2.8	0.56	0.55	
POLYSEED	2					15	8.81	4.87	3.94	0.53		
POLYSEED	3					20	8.80	3.21	5.59	0.56		
GGA	1					6	8.82	4.97	3.85	165	172.83	
GGA	2					6	8.80	4.83	3.97	171		
GGA	3					6	8.78	4.58	4.2	182.5		
O3667-02	1	No	6.17	6.69	20.20	0.5	8.85	5.47	3.38	1698	1602	pH Adjusted
O3667-02	2					1	8.78	3.21	5.57	1506		
O3667-02	3					2	8.64	0.28	-	0		
O3667-02	4					3	8.50	0.26	-	0		
O3667-02DUP	1	No	6.17	6.69	20.20	0.5	8.82	5.38	3.44	1734	1629	pH Adjusted
O3667-02DUP	2					1	8.75	3.12	5.63	1524		
O3667-02DUP	3					2	8.59	0.26	-	0		
O3667-02DUP	4					3	8.51	0.24	-	0		
O3670-01	1	No	7.31	N/A	20.30	5	8.83	6.09	2.74	131.4	115.2	
O3670-01	2					20	8.72	1.57	7.15	99		
O3670-01	3					50	8.48	0.22	-	0		
O3670-01	4					150	7.32	0.20	-	0		
O3671-01	1	No	8.32	7.41	20.40	5	8.85	7.52	-	0	3.54	pH Adjusted
O3671-01	2					20	8.84	7.42	-	0		
O3671-01	3					50	8.82	7.29	-	0		
O3671-01	4					150	8.79	6.47	2.32	3.54		
O3683-01	1	No	7.17	N/A	20.20	5	8.77	7.43	-	0	10.68	
O3683-01	2					20	8.55	7.11	-	0		
O3683-01	3					50	8.13	5.80	2.33	10.68		
O3683-01	4					150	6.45	0.85	-	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)

6/26/23

WorkList Name : bod5 - 7-19 WorkList ID : 171982 Department : Wet-Chemistry Date : 07-19-2023 07:52:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3671-01	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	H13	07/19/2023	SM5210 B
O3667-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	D11	07/19/2023	SM5210 B
O3670-01	N48909	Water	BOD5	Cool 4 deg C	PSEG03	I11	07/19/2023	SM5210 B
O3683-01	NORTH-TURNPIKE	Water	BOD5	Cool 4 deg C	PSEG03	I11	07/19/2023	SM5210 B

Date/Time 07/20/2023 15:00
 Raw Sample Received by: RA CWC
 Raw Sample Relinquished by: JG (CWC)

Date/Time 07/20/2023 16:45
 Raw Sample Received by: JG (CWC)
 Raw Sample Relinquished by: RA CWC