

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** JIGNESH**Analysis Date:** 07/06/2023**QC BATCH ID:** LB126334**BOD Water:** WP103114**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP103116**NaOH, 1N:** WP101216**GGA:** WP103115**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	9.1	9.1	9.1
WINKLER 2	WINKLER 2	2	300	9.1	18.2	9.1	9.1

Meter Calibration1: 8.57Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHg DO Meter BOD fluid reading for winkler comparison: 9.10**After Incubation**Meter Calibration2: 8.52Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHg



QC BATCH ID: LB126334

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:15

TIME OUT: 13:00

DATE IN: 07/06/2023

DATE OUT: 07/11/2023

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
LB126334BL	1	No	6.66	N/A	20.60	300	9.08	9.07	0.01	0.01	0.01	
POLYSEED	1					10	8.91	5.29	3.62	0.72	0.64	
POLYSEED	2					15	8.80	4.02	4.78	0.64		
POLYSEED	3					20	8.73	3.28	5.45	0.55		
GGA	1					6	8.77	5.04	3.73	154.5	180.33	
GGA	2					6	8.68	4.38	4.3	183		
GGA	3					6	8.63	3.92	4.71	203.5		
O3518-02	1	No	6.53	N/A	20.10	0.5	8.92	7.68	-	0	702	
O3518-02	2					1	8.77	5.74	3.03	717		
O3518-02	3					2	8.50	3.28	5.22	687		
O3518-02	4					3	8.37	0.38	-	0		
O3518-02DUP	1	No	6.53	N/A	20.10	0.5	8.86	7.54	-	0	712.5	
O3518-02DUP	2					1	8.70	5.63	3.07	729		
O3518-02DUP	3					2	8.42	3.14	5.28	696		
O3518-02DUP	4					3	8.35	0.27	-	0		
O3543-02	1	No	6.65	N/A	20.30	5	8.98	7.73	-	0	6.66	
O3543-02	2					20	8.78	7.61	-	0		
O3543-02	3					50	8.70	7.52	-	0		
O3543-02	4					150	8.62	4.65	3.97	6.66		
O3543-04	1	No	7.11	N/A	20.60	5	8.95	8.05	-	0	5.88	
O3543-04	2					20	8.82	7.79	-	0		
O3543-04	3					50	8.76	7.13	-	0		
O3543-04	4					150	8.61	5.03	3.58	5.88		
O3543-06	1	No	7.01	N/A	20.20	5	8.99	8.19	-	0	5.8	
O3543-06	2					20	8.89	7.62	-	0		
O3543-06	3					50	8.80	7.51	-	0		
O3543-06	4					150	8.71	5.17	3.54	5.8		

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)

6126334

WorkList Name : bod 7-5 WorkList ID : 171585 Department : Wet-Chemistry Date : 07-05-2023 08:24:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3518-02 B	COMP	Water	BOD5	Cool 4 deg C	ARAM01	I11	07/05/2023	SM5210 B
O3543-02 D	DSN001	Water	BOD5	Cool 4 deg C	PSEG04	I11	07/06/2023	SM5210 B
O3543-04 D	DSN002	Water	BOD5	Cool 4 deg C	PSEG04	I11	07/06/2023	SM5210 B
O3543-06 C	DSN003	Water	BOD5	Cool 4 deg C	PSEG04	I11	07/06/2023	SM5210 B

Date/Time 07/06/2023 15:00
 Raw Sample Received by: Rng Ave
 Raw Sample Relinquished by: H (COC)

Date/Time 07/06/2023 17:30
 Raw Sample Received by: Rng Ave
 Raw Sample Relinquished by: Rng Ave