

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** jignesh**Analysis Date:** 08/18/2023**QC BATCH ID:** LB126932**BOD Water:** WP103805**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP103807**NaOH, 1N:** WP101216**GGA:** WP103806**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP103555

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: 8.86Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHg DO Meter BOD fluid reading for winkler comparison: 9.45**After Incubation**Meter Calibration2: 9.38Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHg

QC BATCH ID: LB126932

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 18:20

TIME OUT: 14:00

DATE IN: 08/18/2023

DATE OUT: 08/23/2023

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
LB126932BL	1	No	6.67	N/A	20.50	300	9.44	9.42	0.02	0.02	0.02	
POLYSEED	1					10	9.32	5.52	3.8	0.76	0.68	
POLYSEED	2					15	9.26	4.28	4.98	0.66		
POLYSEED	3					20	9.21	3.09	6.12	0.61		
GGA	1					6	9.41	5.21	4.2	176	190.33	
GGA	2					6	9.36	4.91	4.45	188.5		
GGA	3					6	9.35	4.54	4.81	206.5		
O4068-02	1	No	6.77	N/A	20.10	5	9.40	8.68	-	0		
O4068-02	2					20	9.37	8.47	-	0		
O4068-02	3					50	9.36	8.21	-	0		
O4068-02	4					150	9.34	7.65	-	0		
O4068-04	1	No	7.34	N/A	20.20	5	9.42	8.58	-	0	2.84	
O4068-04	2					20	9.41	8.28	-	0		
O4068-04	3					50	9.38	7.69	-	0		
O4068-04	4					150	9.32	7.22	2.1	2.84		
O4068-06	1	No	7.24	N/A	20.10	5	9.40	8.88	-	0		
O4068-06	2					20	9.36	8.63	-	0		
O4068-06	3					50	9.35	8.38	-	0		
O4068-06	4					150	9.34	7.66	-	0		
O4074-01	1	No	7.65	7.38	20.30	5	9.29	8.81	-	0		pH Adjusted
O4074-01	2					20	9.28	8.76	-	0		
O4074-01	3					50	9.22	8.02	-	0		
O4074-01	4					150	8.67	7.87	-	0		
O4074-01DUP	1	No	7.65	7.38	20.30	5	9.31	8.91	-	0		pH Adjusted
O4074-01DUP	2					20	9.29	8.86	-	0		
O4074-01DUP	3					50	9.22	7.95	-	0		
O4074-01DUP	4					150	8.64	7.81	-	0		
O4092-01	1	No	7.67	7.42	20.00	1	9.35	8.86	-	0		pH Adjusted
O4092-01	2					2	9.34	8.39	-	0		
O4092-01	3					5	9.32	8.09	-	0		
O4092-01	4					10	9.31	7.64	-	0		
O4092-02	1	No	7.60	7.40	20.00	1	9.31	8.46	-	0	95.7	pH Adjusted
O4092-02	2					2	9.27	8.24	-	0		
O4092-02	3					5	9.26	7.77	-	0		
O4092-02	4					10	9.25	5.38	3.87	95.7		

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)

66126932

WorkList Name : bod5-8-17

WorkList ID : 172792

Department : Wet-Chemistry

Date : 08-17-2023 10:39:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4074-01	MAPLE-SHADE-COMP	Water	BOD5	Cool 4 deg C	PSEG03	N11	08/17/2023	SM5210 B
O4068-02	DSN001	Water	BOD5	Cool 4 deg C	PSEG04	N11	08/17/2023	SM5210 B
O4068-04	DSN002	Water	BOD5	Cool 4 deg C	PSEG04	N11	08/17/2023	SM5210 B
O4068-06	DSN003	Water	BOD5	Cool 4 deg C	PSEG04	N11	08/17/2023	SM5210 B
O4092-01	OUTFALL-DSN-001	Water	BOD5	Cool 4 deg C	TRIS02	N11	08/18/2023	SM5210 B
O4092-02	OUTFALL-DSN-002	Water	BOD5	Cool 4 deg C	TRIS02	N11	08/18/2023	SM5210 B

Date/Time 08/18/2023 16:30
 Raw Sample Received by: RA CWC
 Raw Sample Relinquished by: 10 WCN

Date/Time 08/18/2023 18:30
 Raw Sample Received by: 711 CWC
 Raw Sample Relinquished by: RA CWC