

**BOD 7 LOG**ANALYST: RubinaSUPERVISOR: jigneshAnalysis Date: 08/17/2023QC BATCH ID: LB126907BOD Water: WP103785MANGANOUS SULFATE SOLUTION: W2913Starch: W2977Alkaline Iodide Azide: W2914Sulfuric acid, 1N: WP102923Sodium Thiosulfate, 0.025N: W2976POLYSEED: WP103787NaOH, 1N: WP101216GGA: WP103786IncubatorID: INCUBATOR #3Chlorine Strips: W2011GuageID: 0511064pH Strips: W3006Zero 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	8.7	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 8.94Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 8.73**After Incubation**Meter Calibration2: 8.71Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHg



QC BATCH ID: LB126907

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:00

TIME OUT: 11:30

DATE IN: 08/17/2023

DATE OUT: 08/24/2023

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
LB126907BL	1	No	6.58	N/A	20.40	300	8.72	8.71	0.01	0.01	0.01	
POLYSEED	1					10	8.64	5.88	2.76	0.55	0.66	
POLYSEED	2					15	8.58	3.03	5.55	0.74		
POLYSEED	3					20	8.57	1.55	7.02	0.7		
GGA	1					6	8.63	3.55	5.08	221	222.5	
GGA	2					6	8.61	3.38	5.23	228.5		
GGA	3					6	8.60	3.58	5.02	218		
O4044-05	1	No	7.12	N/A	20.00	0.1	8.66	7.12	-	0	1186.5	
O4044-05	2					0.5	8.62	5.50	3.12	1476		
O4044-05	3					1	8.54	4.89	3.65	897		
O4044-05	4					5	8.19	0.29	-	0		
O4044-05DUP	1	No	7.12	N/A	20.00	0.1	8.64	7.14	-	0	1179	
O4044-05DUP	2					0.5	8.62	5.53	3.09	1458		
O4044-05DUP	3					1	8.56	4.90	3.66	900		
O4044-05DUP	4					5	8.21	0.31	-	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)

6126907

WorkList Name : bod7-8-16

WorkList ID : 172762

Department : Wet-Chemistry

Date : 08-16-2023 15:35:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4044-05	BOD	Water	BOD_7	Cool 4 deg C	AMER08	L21	08/16/2023	SM5210 B

Date/Time 08/17/2023 15:40
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JM CWC

Date/Time 08/17/2023 17:35
 Raw Sample Received by: JM CWC
 Raw Sample Relinquished by: RM CWC