

**BOD 7 LOG**ANALYST: IwonaSUPERVISOR: SohilAnalysis Date: 02/17/2023QC BATCH ID: LB124136BOD Water: WP101049Starch: W2977Sulfuric acid, 1N: WP100509POLYSEED: WP101051GGA: WP101050Chlorine Strips: W2011pH Strips: W3006MANGANOUS SULFATE SOLUTION: W2913Alkaline Iodide Azide: W2914Sodium Thiosulfate, 0.025N: W2941NaOH, 1N: WP98644IncubatorID: INCUBATOR #3GuageID: 0511064Zero DO: WP101031

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.80	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.80	17.6	8.8	8.8

Meter Calibration1: 9.24Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHg DO Meter BOD fluid reading for winkler comparison: 8.78**After Incubation**Meter Calibration2: 8.62Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHg



QC BATCH ID: LB124136

INCUBATOR TEMP IN(C): 19.8

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 14:50

TIME OUT: 12:30

DATE IN: 02/17/2023

DATE OUT: 02/24/2023

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
LB124136BL	1	No	6.80	N/A	20.00	300	8.77	8.76	0.01	0.01	0.01	
POLYSEED	1					10	8.60	6.00	2.6	0.52	0.54	
POLYSEED	2					15	8.48	4.69	3.79	0.51		
POLYSEED	3					20	8.43	2.61	5.82	0.58		
GGA	1					6	8.58	4.68	3.9	168	169.5	
GGA	2					6	8.50	4.57	3.93	169.5		
GGA	3					6	8.48	4.52	3.96	171		
O1588-05	1	No	8.21	7.10	20.20	0.1	8.76	7.88	-	0	1083	pH Adjusted
O1588-05	2					0.5	8.74	6.46	2.28	1044		
O1588-05	3					1	8.73	4.45	4.28	1122		
O1588-05	4					5	8.72	0.23	-	0		
O1588-05DUP	1	No	8.21	7.10	20.20	0.1	8.75	7.87	-	0	1086	pH Adjusted
O1588-05DUP	2					0.5	8.74	6.45	2.29	1050		
O1588-05DUP	3					1	8.72	4.44	4.28	1122		
O1588-05DUP	4					5	8.71	0.24	-	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)

26124136

WorkList Name : bod7-2-17 WorkList ID : 167454 Department : Wet-Chemistry Date : 02-17-2023 08:17:18

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/18/2023	Water	O1588-05	BOD_7	1:1	HNO3 to p	AMER08	G42	BOD	02/16/2023 SM5210 B

Date/Time 02/17/2023 13:30
 Raw Sample Received by: RMA CWS
 Raw Sample Relinquished by: 18(CO2)

Date/Time 02/17/2023 15:00
 Raw Sample Received by: 18(CO2)
 Raw Sample Relinquished by: RMA CWS