

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 10/13/2023**QC BATCH ID:** LB127798**BOD Water:** WP104698**Starch:** W2977**Sulfuric acid, 1N:** WP102923**POLYSEED:** WP104700**GGA:** WP104699**Chlorine Strips:** W2011**pH Strips:** W3056**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2976**NaOH, 1N:** WP103989**IncubatorID:** INCUBATOR#3**GuageID:** 0511064**Zero DO:** WP104465

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.2	9.2	9.2
WINKLER 2	WINKLER 2	2	300	9.2	18.4	9.2	9.2

Meter Calibration1: 9.26

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.25

After Incubation

Meter Calibration2: 9.44

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB127798

INCUBATOR TEMP IN(C): 19.8

INCUBATOR TEMP OUT(C): 19.8

TIME IN: 15:30

TIME OUT: 12:00

DATE IN: 10/13/2023

DATE OUT: 10/18/2023

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
LB127798BL	1	No	6.69	N/A	20.40	300	9.24	9.23	0.01	0.01	0.01	
POLYSEED	1					10	9.18	6.09	3.09	0.62	0.57	
POLYSEED	2					15	9.16	4.82	4.34	0.58		
POLYSEED	3					20	9.13	4.01	5.12	0.51		
GGA	1					6	9.17	4.97	4.2	181.5	194.17	
GGA	2					6	9.16	4.61	4.55	199		
GGA	3					6	9.14	4.53	4.61	202		
O4894-01	1	No	6.53	N/A	20.20	5	9.17	8.03	-	0	18.92	
O4894-01	2					20	9.16	6.84	2.32	26.25		
O4894-01	3					50	8.95	5.39	3.56	17.94		
O4894-01	4					150	8.56	1.71	6.85	12.56		
O4894-01DUP	1	No	6.53	N/A	20.20	5	9.19	8.19	-	0	18.68	
O4894-01DUP	2					20	9.16	6.86	2.3	25.95		
O4894-01DUP	3					50	8.98	5.44	3.54	17.82		
O4894-01DUP	4					150	8.55	1.84	6.71	12.28		
O4894-02	1	No	6.55	N/A	20.20	5	9.19	8.87	-	0	12.93	
O4894-02	2					20	9.08	7.90	-	0		
O4894-02	3					50	9.03	5.81	3.22	15.9		
O4894-02	4					150	8.35	2.80	5.55	9.96		

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)

05127798

WorkList Name : bod5-10-13

WorkList ID : 174547

Department : Wet-Chemistry

Date : 10-13-2023 08:13:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4894-01 /	001-WILLETTS-PT-BLVD(OCT)	Water	BOD5	Cool 4 deg C	TULL01	I21	10/12/2023	SM5210 B
O4894-02 /	002-35TH-AVE(OCT)	Water	BOD5	Cool 4 deg C	TULL01	I21	10/12/2023	SM5210 B

Date/Time 10/13/2023 14:00
 Raw Sample Received by: RPA CWC
 Raw Sample Relinquished by: 10/13/2023

Date/Time 10/13/2023 16:00
 Raw Sample Received by: 10/13/2023
 Raw Sample Relinquished by: RPA CWC