

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 06/08/2023**QC BATCH ID:** LB125856**BOD Water:** WP102845**Starch:** W2977**Sulfuric acid, 1N:** WP100509**POLYSEED:** WP102847**GGA:** WP102846**Chlorine Strips:** W2011**pH Strips:** W3006**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2976**NaOH, 1N:** WP101216**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP102602

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

Meter Calibration1: 8.92

Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.82

After Incubation

Meter Calibration2: 8.56

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure2: 755 mmHg



QC BATCH ID: LB125856

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 14:10

TIME OUT: 14:00

DATE IN: 06/08/2023

DATE OUT: 06/13/2023

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
LB125856BL	1	No	6.63	N/A	20.60	300	8.81	8.79	0.02	0.02	0.02	
POLYSEED	1					10	8.73	5.08	3.65	0.73	0.66	
POLYSEED	2					15	8.71	3.58	5.13	0.68		
POLYSEED	3					20	8.68	2.88	5.8	0.58		
GGA	1					6	8.58	4.68	3.9	162	177.33	
GGA	2					6	8.54	4.28	4.26	180		
GGA	3					6	8.52	4.06	4.46	190		
O3073-02	1	No	6.30	6.84	20.80	0.5	8.47	6.93	-	0	697.5	pH Adjusted
O3073-02	2					1	8.41	5.26	3.15	747		
O3073-02	3					2	8.36	3.05	5.31	697.5		
O3073-02	4					3	8.25	1.11	7.14	648		
O3073-02DUP	1	No	6.30	6.84	20.80	0.5	8.50	6.98	-	0	684	pH Adjusted
O3073-02DUP	2					1	8.40	5.33	3.07	723		
O3073-02DUP	3					2	8.37	3.11	5.26	690		
O3073-02DUP	4					3	8.23	1.18	7.05	639		
O3082-01	1	No	8.46	7.43	20.20	5	8.51	8.14	-	0		pH Adjusted
O3082-01	2					20	8.39	8.04	-	0		
O3082-01	3					50	8.37	7.81	-	0		
O3082-01	4					150	8.34	7.56	-	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)

66125856

WorkList Name : bod 6-8

WorkList ID : 170672

Department : Wet-Chemistry

Date : 06-08-2023 08:19:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3073-02 B	COMP	Water	BOD5	Cool 4 deg C	ARAM01	N11	06/07/2023	SM5210 B
O3082-01 D	MONTHLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	N11	06/07/2023	SM5210 B

Date/Time 06/08/2023 12:30
 Raw Sample Received by: RM
 Raw Sample Relinquished by: 786621

Date/Time 06/08/2023 14:30
 Raw Sample Received by: 786621
 Raw Sample Relinquished by: RM