

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 09/06/2023**QC BATCH ID:** LB127155**BOD Water:** WP103999**Starch:** W2977**Sulfuric acid, 1N:** WP102923**POLYSEED:** WP104001**GGA:** WP104000**Chlorine Strips:** W2011**pH Strips:** W3045**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2976**NaOH, 1N:** WP103989**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP104002

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: 8.60

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

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.86

After Incubation

Meter Calibration2: 9.00

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

Barometric Pressure2: 755 mmHg



QC BATCH ID: LB127155

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 17:00

TIME OUT: 14:15

DATE IN: 09/06/2023

DATE OUT: 09/11/2023

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
LB127155BL	1	No	6.68	N/A	20.40	300	8.85	8.84	0.01	0.01	0.01	
POLYSEED	1					10	8.79	5.35	3.44	0.69	0.62	
POLYSEED	2					15	8.76	4.19	4.57	0.61		
POLYSEED	3					20	8.70	3.01	5.69	0.57		
GGA	1					6	8.80	4.78	4.02	170	190.83	
GGA	2					6	8.79	4.36	4.43	190.5		
GGA	3					6	8.79	3.93	4.86	212		
O4313-02	1	No	6.16	6.65	20.10	0.5	8.79	5.51	3.28	1596	1477.5	pH Adjusted
O4313-02	2					1	8.75	3.60	5.15	1359		
O4313-02	3					2	8.72	0.36	-	0		
O4313-02	4					3	8.64	0.33	-	0		
O4313-02DUP	1	No	6.16	6.65	20.10	0.5	8.79	5.43	3.36	1644	1486.5	pH Adjusted
O4313-02DUP	2					1	8.74	3.69	5.05	1329		
O4313-02DUP	3					2	8.69	0.31	-	0		
O4313-02DUP	4					3	8.62	0.39	-	0		
O4316-01	1	No	7.78	7.40	20.00	0.05	8.77	7.81	-	0	3658.5	pH Adjusted
O4316-01	2					0.1	8.75	6.81	-	0		
O4316-01	3					0.2	8.72	5.63	3.09	3705		
O4316-01	4					0.5	8.66	2.02	6.64	3612		
O4316-01	5					1	8.46	0.27	-	0		
O4318-01	1	No	8.40	7.42	20.30	5	8.83	7.78	-	0	3.84	pH Adjusted
O4318-01	2					20	8.81	7.38	-	0		
O4318-01	3					50	8.76	7.03	-	0		
O4318-01	4					150	8.74	6.20	2.54	3.84		

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)

6127155

WorkList Name : bod5--9-6

WorkList ID : 173305

Department : Wet-Chemistry

Date : 09-06-2023 07:53:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4313-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	N11	09/06/2023	SM5210 B
O4316-01	DRAIN-WATER-TANK-1	Water	BOD5	Cool 4 deg C	MAJO01	N11	09/06/2023	SM5210 B
O4318-01	MONTHLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	N11	09/06/2023	SM5210 B

Date/Time 09/06/2023 15.33
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC

Date/Time 09/06/2023 17.10
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC