

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 12/29/2022**QC BATCH ID:** LB123493**BOD Water:** WP100422**Starch:** W2977**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP100424**GGA:** WP100423**Chlorine Strips:** W2011**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2941**NaOH, 1N:** WP97250**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP100199

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.70	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.70	17.4	8.7	8.7

Meter Calibration1: 9.15

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.76

After Incubation

Meter Calibration2: 9.26

Barometric Pressure2: 755 mmHg

Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.74



QC BATCH ID: LB123493

INCUBATOR TEMP IN(C): 19.8

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 16:10

TIME OUT: 16:20

DATE IN: 12/29/2022

DATE OUT: 01/03/2023

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
LB123493BL	1	No	7.10	N/A	20.00	300	8.75	8.73	0.02	0.02	0.02	
POLYSEED	1					10	8.64	4.60	4.04	0.81	0.66	
POLYSEED	2					15	8.56	3.80	4.76	0.63		
POLYSEED	3					20	8.50	3.18	5.32	0.53		
GGA	1					6	8.60	4.27	4.33	183.5	183.33	
GGA	2					6	8.56	4.27	4.29	181.5		
GGA	3					6	8.52	4.16	4.36	185		
N6222-02	1	No	11.03	7.20	20.10	0.5	8.74	6.72	2.02	816	615.5	pH Adjusted
N6222-02	2					1	8.73	6.21	2.52	558		
N6222-02	3					2	8.72	4.28	4.44	567		
N6222-02	4					3	8.71	2.84	5.87	521		
N6223-01	1	No	8.05	7.10	20.00	5	8.72	7.65	-	0	3.84	pH Adjusted
N6223-01	2					20	8.71	7.47	-	0		
N6223-01	3					50	8.69	7.36	-	0		
N6223-01	4					150	8.68	6.10	2.58	3.84		
N6223-01DUP	1	No	8.05	7.10	20.00	5	8.73	7.67	-	0	3.88	pH Adjusted
N6223-01DUP	2					20	8.72	7.49	-	0		
N6223-01DUP	3					50	8.70	7.38	-	0		
N6223-01DUP	4					150	8.69	6.09	2.6	3.88		
N6236-01	1	No	7.79	7.24	20.10	0.5	8.68	6.62	2.06	840	629.63	pH Adjusted
N6236-01	2					1	8.64	5.25	3.39	819		
N6236-01	3					2	8.63	4.70	3.93	490.5		
N6236-01	4					5	8.59	1.78	6.81	369		
N6236-01	5					10	8.47	0.24	-	0		
N6236-05	1	No	6.65	N/A	20.10	0.01	8.64	7.64	-	0	3420	
N6236-05	2					0.05	8.63	7.43	-	0		
N6236-05	3					0.1	8.61	6.88	-	0		
N6236-05	4					0.5	8.60	2.24	6.36	3420		
N6236-05	5					1	8.59	0.23	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

66123493

WorkList Name : bod12-29

WorkList ID : 166199

Department : Wet-Chemistry

Date : 12-29-2022 08:06:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/30/2022	Water	N6222-02	BOD5	Cool 4 deg C	ARAM01	N21	COMP	12/28/2022	SM5210 B
12/30/2022	Water	N6223-01	BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	12/28/2022	SM5210 B
12/31/2022	Water	N6236-01	BOD5	Cool 4 deg C	HOLL01	N11	EFFLUENT	12/29/2022	SM5210 B
12/31/2022	Water	N6236-05	BOD5	Cool 4 deg C	HOLL01	N11	INFLUENT	12/29/2022	SM5210 B

Date/Time 12/29/2022 15:30
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: SMC

Date/Time 12/29/2022 16:10
 Raw Sample Received by: SMC
 Raw Sample Relinquished by: RM CWC