

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 12/15/2022**QC BATCH ID:** LB123294**BOD Water:** WP100263**Starch:** W2977**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP100265**GGA:** WP100264**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: 8.42

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.74

After Incubation

Meter Calibration2: 8.51

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.72



QC BATCH ID: LB123294

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 14:30

TIME OUT: 15:00

DATE IN: 12/15/2022

DATE OUT: 12/20/2022

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
LB123294BL	1	No	6.70	N/A	20.10	300	8.73	8.70	0.03	0.03	0.03	
POLYSEED	1					10	8.66	4.69	3.97	0.79	0.63	
POLYSEED	2					15	8.62	4.23	4.39	0.59		
POLYSEED	3					20	8.59	3.62	4.97	0.5		
GGA	1					6	8.65	3.83	4.82	209.5	210.5	
GGA	2					6	8.62	3.78	4.84	210.5		
GGA	3					6	8.58	3.72	4.86	211.5		
N6060-02	1	No	8.50	7.20	20.20	0.5	8.69	6.89	-	0	494.33	pH Adjusted
N6060-02	2					1	8.68	6.35	2.33	510		
N6060-02	3					2	8.62	4.55	4.07	516		
N6060-02	4					3	8.61	3.41	5.2	457		
N6060-02DUP	1	No	8.50	7.20	20.20	0.5	8.68	6.87	-	0	490.83	pH Adjusted
N6060-02DUP	2					1	8.67	6.38	2.29	498		
N6060-02DUP	3					2	8.65	4.57	4.08	517.5		
N6060-02DUP	4					3	8.64	3.44	5.2	457		
N6062-01	1	No	8.26	7.32	20.10	5	8.67	7.19	-	0		pH Adjusted
N6062-01	2					20	8.66	7.18	-	0		
N6062-01	3					50	8.65	7.16	-	0		
N6062-01	4					150	8.63	6.88	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod12-14

WorkList ID : 165780

Department : Wet-Chemistry

Date : 12-14-2022 09:06:07

16123294

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/16/2022	Water	N6062-01 C	BOD5	Cool 4 deg C	INFR01	J63	WEEKLY-OUTFALL-002	12/14/2022	SM5210 B
12/16/2022	Water	N6060-02 A	BOD5	Cool 4 deg C	ARAM01	J63	COMP	12/14/2022	SM5210 B

Date/Time 12/15/2022 13:30
 Raw Sample Received by: RM (we)
 Raw Sample Relinquished by: CP(SM)

Date/Time 12/15/2022 14:40
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: RM (we)