

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 12/08/2022**QC BATCH ID:** LB123160**BOD Water:** WP100143**Starch:** W2977**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP100145**GGA:** WP100144**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:** WP99822

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.80	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.80	17.6	8.8	8.8

Meter Calibration1: 9.12

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.06 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.72

After Incubation

Meter Calibration2: 9.10

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.08 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.71



QC BATCH ID: LB123160

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 12:15

TIME OUT: 14:00

DATE IN: 12/08/2022

DATE OUT: 12/13/2022

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
LB123160BL	1	No	6.80	N/A	20.20	300	8.71	8.70	0.01	0.01	0.01	
POLYSEED	1					10	8.62	4.69	3.93	0.79	0.62	
POLYSEED	2					15	8.55	4.20	4.35	0.58		
POLYSEED	3					20	8.48	3.65	4.83	0.48		
GGA	1					6	8.58	4.60	3.98	168	168.83	
GGA	2					6	8.55	4.56	3.99	168.5		
GGA	3					6	8.54	4.52	4.02	170		
N5909-02	1	No	6.47	6.70	20.10	0.5	8.68	6.39	2.29	1002	873	pH Adjusted
N5909-02	2					1	8.66	5.74	2.92	690		
N5909-02	3					2	8.63	1.83	6.8	927		
N5909-02	4					3	8.62	0.29	-	0		
N5911-01	1	No	7.09	N/A	20.10	5	8.64	8.02	-	0	15.36	
N5911-01	2					20	8.38	7.74	-	0		
N5911-01	3					50	7.76	4.58	3.18	15.36		
N5911-01	4					150	5.61	0.32	-	0		
N5911-01DUP	1	No	7.09	N/A	20.10	5	8.65	8.04	-	0	15.3	
N5911-01DUP	2					20	8.40	7.76	-	0		
N5911-01DUP	3					50	7.77	4.60	3.17	15.3		
N5911-01DUP	4					150	5.63	0.35	-	0		
N5912-01	1	No	7.20	N/A	20.60	5	8.51	2.19	6.32	342	342	
N5912-01	2					20	8.16	0.25	-	0		
N5912-01	3					50	7.20	0.23	-	0		
N5912-01	4					150	3.58	0.21	-	0		
N5936-01	1	No	8.29	7.32	20.40	5	8.68	8.32	-	0		pH Adjusted
N5936-01	2					20	8.67	8.30	-	0		
N5936-01	3					50	8.66	8.28	-	0		
N5936-01	4					150	8.65	7.35	-	0		

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

WORKLIST(Hardcopy Internal Chain)

Up 123160

WorkList Name : bod12-8

WorkList ID : 165583

Department : Wet-Chemistry

Date : 12-08-2022 08:32:30

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/09/2022	Water	N5909-02	BOD5	Cool 4 deg C	ARAM01	N11	COMP	12/07/2022	SM5210 B
12/09/2022	Water	N5911-01	BOD5	Cool 4 deg C	PSEG03	M12	A3594TOG	12/07/2022	SM5210 B
12/09/2022	Water	N5912-01	BOD5	Cool 4 deg C	PSEG03	M12	FMC-TOTE-1207	12/07/2022	SM5210 B
12/04/2022	Water	N5936-01	BOD5	Cool 4 deg C	INFR01	M62	MONTHLY-OUTFALL-002	12/02/2022	SM5210 B

Date/Time 12/8/2022 10:56
 Raw Sample Received by: RM (CWC)
 Raw Sample Relinquished by: CA (SM)

Date/Time 12/8/2022 12:25
 Raw Sample Received by: CP (SM)
 Raw Sample Relinquished by: RM (CWC)