

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 12/02/2022**QC BATCH ID:** LB123095**BOD Water:** WP100074**Starch:** W2977**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP100076**GGA:** WP100075**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	8.70	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.70	17.4	8.7	8.7

Meter Calibration1: 8.75Barometric Pressure1: 771 mmHgZero DO Reading1: 0.08 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.72**After Incubation**Meter Calibration2: 8.48Barometric Pressure2: 760 mmHgZero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB123095

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 15:20

TIME OUT: 15:40

DATE IN: 12/02/2022

DATE OUT: 12/07/2022

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
LB123095BL	1	No	6.60	N/A	20.10	300	8.70	8.68	0.02	0.02	0.02	
POLYSEED	1					10	8.59	4.63	3.96	0.79	0.62	
POLYSEED	2					15	8.53	4.20	4.33	0.58		
POLYSEED	3					20	8.45	3.60	4.85	0.49		
GGA	1					6	8.53	3.70	4.83	210.5	204.33	
GGA	2					6	8.52	3.68	4.84	211		
GGA	3					6	8.50	4.05	4.45	191.5		
N5830-01	1	No	8.63	7.2	20.90	5	8.65	8.09	-	0		pH Adjusted
N5830-01	2					20	8.63	7.99	-	0		
N5830-01	3					50	8.61	7.79	-	0		
N5830-01	4					150	8.60	7.76	-	0		
N5857-01	1	No	7.67	7.28	20.50	5	8.61	7.71	-	0		pH Adjusted
N5857-01	2					20	8.60	6.68	-	0		
N5857-01	3					50	8.59	6.66	-	0		
N5857-01	4					150	8.58	6.64	-	0		
N5858-01	1	No	7.73	7.18	20.50	5	8.67	7.89	-	0	4.56	pH Adjusted
N5858-01	2					20	8.66	7.80	-	0		
N5858-01	3					50	8.65	7.56	-	0		
N5858-01	4					150	8.63	5.73	2.9	4.56		
N5858-01DUP	1	No	7.73	7.18	20.50	5	8.69	7.88	-	0	4.5	pH Adjusted
N5858-01DUP	2					20	8.68	7.83	-	0		
N5858-01DUP	3					50	8.64	7.58	-	0		
N5858-01DUP	4					150	8.62	5.75	2.87	4.5		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod12-2

WorkList ID : 165441

Department : Wet-Chemistry

Date : 12-02-2022 08:58:37

26123095

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/03/2022	Water	N5830-01	k BOD5	Cool 4 deg C	PSEG03	M11	COMP1-1201	12/01/2022	SM5210 B
12/03/2022	Water	N5857-01	D BOD5	Cool 4 deg C	ENV170	M11	COMP-SAMPLE-TANK-10-11-12-31-33	12/01/2022	SM5210 B
12/03/2022	Water	N5858-01	Δ BOD5	Cool 4 deg C	ENV170	N11	COMP-SAMPLE-26-27-28-30	12/01/2022	SM5210 B

Date/Time 12/2/2022 14:30
 Raw Sample Received by: RM Cwe2
 Raw Sample Relinquished by: CP(SM)

Date/Time 12/2/2022 15:45
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: RM - Cwe2