

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 01/06/2023**QC BATCH ID:** LB123569**BOD Water:** wp10013**Starch:** W2977**Sulfuric acid, 1N:** WP100509**POLYSEED:** wp100515**GGA:** wp10014**Chlorine Strips:** W2011**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2941**NaOH, 1N:** WP99896**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: 8.78

Barometric Pressure1: 755 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.78

After Incubation

Meter Calibration2: 8.78

Barometric Pressure2: 771 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.77



QC BATCH ID: LB123569

INCUBATOR TEMP IN(C): 19.8

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 17:00

TIME OUT: 17:30

DATE IN: 01/06/2023

DATE OUT: 01/11/2023

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
LB123569BL	1	No	6.82	N/A	20.00	300	8.77	8.76	0.01	0.01	0.01	
POLYSEED	1					10	8.57	4.60	3.97	0.79	0.62	
POLYSEED	2					15	8.48	4.15	4.33	0.58		
POLYSEED	3					20	8.40	3.62	4.78	0.48		
GGA	1					6	8.70	4.22	4.48	193	193.5	
GGA	2					6	8.68	4.19	4.49	193.5		
GGA	3					6	8.65	4.15	4.5	194		
O1052-01	1	No	6.38	6.84	20.00	5	8.30	0.12	-	0		pH Adjusted
O1052-01	2					20	7.96	0.10	-	0		
O1052-01	3					50	7.05	0.09	-	0		
O1052-01	4					150	4.53	0.08	-	0		
O1052-01DUP	1	No	6.32	6.84	20.00	5	8.32	0.11	-	0		pH Adjusted
O1052-01DUP	2					20	7.98	0.10	-	0		
O1052-01DUP	3					50	7.06	0.09	-	0		
O1052-01DUP	4					150	4.54	0.08	-	0		
O1059-01	1	No	7.18	N/A	20.10	5	8.23	6.20	2.03	84.6	71.03	
O1059-01	2					20	7.89	3.44	4.45	57.45		
O1059-01	3					50	6.68	0.13	-	0		
O1059-01	4					150	2.94	0.07	-	0		
O1059-02	1	No	7.13	N/A	20.20	5	8.29	6.33	-	0	53.1	
O1059-02	2					20	7.81	3.65	4.16	53.1		
O1059-02	3					50	6.76	0.11	-	0		
O1059-02	4					150	2.81	0.07	-	0		
O1066-01	1	No	7.56	7.20	20.10	5	8.48	6.14	2.34	103.2	35.69	pH Adjusted
O1066-01	2					20	8.47	6.13	2.34	25.8		
O1066-01	3					50	8.46	6.12	2.34	10.32		
O1066-01	4					150	8.45	6.11	2.34	3.44		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod01-6

WorkList ID : 166379

Department : Wet-Chemistry

Date : 01-06-2023 14:29:10

6123569

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/08/2023	Water	O1052-01	BOD5	Cool 4 deg C	PSEG03	N31	UST-DRUM	01/06/2023	SM5210 B
01/07/2023	Water	O1059-01	BOD5	Cool 4 deg C	TULL01	N11	001-WILLETS-PT-BLVD(JAN)	01/05/2023	SM5210 B
01/07/2023	Water	O1059-02	BOD5	Cool 4 deg C	TULL01	N11	002-35TH-AVE(JAN)	01/05/2023	SM5210 B
01/08/2023	Water	O1066-01	BOD5	Cool 4 deg C	PSEG03	N31	OILY-WATER-1	01/06/2023	SM5210 B

Date/Time 01/06/2023 16:20
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JP(CWC)

Date/Time 01/06/2023 17:10
 Raw Sample Received by: JP(CWC)
 Raw Sample Relinquished by: RM CWC