

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 12/09/2022**QC BATCH ID:** LB123183**BOD Water:** WP100183**Starch:** W2977**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP100185**GGA:** WP100184**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: 9.32Barometric Pressure1: 765 mmHgZero DO Reading1: 0.09 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.74**After Incubation**Meter Calibration2: 9.28Barometric Pressure2: 760 mmHgZero DO Reading2: 0.07 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.72



QC BATCH ID: LB123183

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 14:30

TIME OUT: 15:00

DATE IN: 12/09/2022

DATE OUT: 12/14/2022

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
LB123183BL	1	No	6.87	N/A	20.10	300	8.73	8.70	0.03	0.03	0.03	
POLYSEED	1					10	8.63	4.42	4.21	0.84	0.69	
POLYSEED	2					15	8.60	3.64	4.96	0.66		
POLYSEED	3					20	8.51	2.80	5.71	0.57		
GGA	1					6	8.59	4.22	4.37	184	190.17	
GGA	2					6	8.57	4.06	4.51	191		
GGA	3					6	8.55	3.95	4.6	195.5		
N5953-02	1	No	6.90	N/A	20.10	5	8.72	7.45	-	0	3	
N5953-02	2					20	8.70	7.42	-	0		
N5953-02	3					50	8.69	7.40	-	0		
N5953-02	4					150	8.68	6.49	2.19	3		
N5953-02DUP	1	No	6.90	N/A	20.10	5	8.71	7.47	-	0	2.94	
N5953-02DUP	2					20	8.70	7.44	-	0		
N5953-02DUP	3					50	8.68	7.42	-	0		
N5953-02DUP	4					150	8.67	6.51	2.16	2.94		
N5953-04	1	No	7.14	N/A	20.20	5	8.62	7.97	-	0	5.54	
N5953-04	2					20	8.59	7.22	-	0		
N5953-04	3					50	8.49	7.02	-	0		
N5953-04	4					150	8.00	4.54	3.46	5.54		
N5953-06	1	No	6.95	N/A	20.10	5	8.60	8.06	-	0		
N5953-06	2					20	8.59	8.02	-	0		
N5953-06	3					50	8.56	7.84	-	0		
N5953-06	4					150	8.40	6.44	-	0		
N5976-01	1	No	7.73	7.20	20.30	5	8.66	7.99	-	0		pH Adjusted
N5976-01	2					20	8.65	7.81	-	0		
N5976-01	3					50	8.64	7.47	-	0		
N5976-01	4					150	8.63	7.45	-	0		
N5977-01	1	No	7.71	7.28	20.20	5	8.68	7.73	-	0		pH Adjusted
N5977-01	2					20	8.66	7.57	-	0		
N5977-01	3					50	8.65	7.55	-	0		
N5977-01	4					150	8.64	7.50	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod12-9

WorkList ID : 165606

Department : Wet-Chemistry

Date : 12-09-2022 08:30:36

26123183

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/10/2022	Water	N5953-02	✓ BOD5	Cool 4 deg C	PSEG04	M12	DSN001	12/08/2022	SM5210 B
12/10/2022	Water	N5953-04	✓ BOD5	Cool 4 deg C	PSEG04	M12	DSN002	12/08/2022	SM5210 B
12/10/2022	Water	N5953-06	✓ BOD5	Cool 4 deg C	PSEG04	M12	DSN003	12/08/2022	SM5210 B
12/10/2022	Water	N5976-01	✓ BOD5	Cool 4 deg C	ENV170	M13	COMP-SAMPLE-TANK-1-2-3-4-5	12/08/2022	SM5210 B
12/10/2022	Water	N5977-01	✓ BOD5	Cool 4 deg C	ENV170	M13	COMP-SAMPLE-TANK-6-7-8-9-16	12/08/2022	SM5210 B

Date/Time 12/9/2022 13:15
 Raw Sample Received by: Rm CWC
 Raw Sample Relinquished by: CP(SM)

Date/Time 12/9/2022 14:45
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: Rm CWC