

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 11/10/2022**QC BATCH ID:** LB122837**BOD Water:** WP99831**Starch:** W2766**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP99833**GGA:** WP99832**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	8.7	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 9.32

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.73

After Incubation

Meter Calibration2: 9.57

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB122837

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 13:30

TIME OUT: 14:00

DATE IN: 11/10/2022

DATE OUT: 11/15/2022

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
LB122837BL	1	No	7.20	N/A	20.30	300	8.75	8.67	0.08	0.08	0.08	
POLYSEED	1					10	8.38	4.60	3.78	0.76	0.62	
POLYSEED	2					15	8.28	3.90	4.38	0.58		
POLYSEED	3					20	8.08	2.80	5.28	0.53		
GGA	1					6	8.55	4.40	4.15	176.5	200.67	
GGA	2					6	8.43	4.18	4.25	181.5		
GGA	3					6	8.40	2.90	5.5	244		
N5535-02	1	No	6.96	N/A	20.60	0.5	8.60	7.11	-	0	275	
N5535-02	2					1	8.58	7.10	-	0		
N5535-02	3					2	8.54	6.30	2.24	243		
N5535-02	4					3	8.57	4.88	3.69	307		
N5544-01	1	No	8.35	7.32	21.20	5	8.59	7.71	-	0	6.86	pH Adjusted
N5544-01	2					20	8.57	6.97	-	0		
N5544-01	3					50	8.56	6.87	-	0		
N5544-01	4					150	8.45	4.40	4.05	6.86		
N5559-01	1	No	7.05	N/A	20.10	5	8.52	7.50	-	0	4.52	
N5559-01	2					20	8.41	6.94	-	0		
N5559-01	3					50	8.16	6.20	-	0		
N5559-01	4					150	8.08	5.20	2.88	4.52		
N5559-02	1	No	7.07	N/A	20.20	5	8.53	7.40	-	0	4.52	
N5559-02	2					20	8.43	6.81	-	0		
N5559-02	3					50	8.01	6.20	-	0		
N5559-02	4					150	7.67	4.79	2.88	4.52		
N5559-02DUP	1	No	7.07	N/A	20.20	5	8.55	7.45	-	0	4.32	
N5559-02DUP	2					20	8.45	6.90	-	0		
N5559-02DUP	3					50	8.03	6.30	-	0		
N5559-02DUP	4					150	7.70	4.92	2.78	4.32		

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

WORKLIST(Hardcopy Internal Chain)

16122837

WorkList Name : bod11-10

WorkList ID : 164894

Department : Wet-Chemistry

Date : 11-10-2022 08:32:31

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/11/2022	Water	N5535-02	C BOD5	Cool 4 deg C	ARAM01	N11	COMP	11/09/2022	SM5210 B
11/11/2022	Water	N5544-01	C BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	11/09/2022	SM5210 B
11/10/2022	Water	N5559-01	C BOD5	Cool 4 deg C	TULL01	G11	001-WILLETTS-PT-BLVD(NOV)	11/08/2022	SM5210 B
11/10/2022	Water	N5559-02	D BOD5	Cool 4 deg C	TULL01	G11	002-35TH-AVE(NOV)	11/08/2022	SM5210 B

Date/Time 11/10/22 13:00
 Raw Sample Received by: R M (WLC)
 Raw Sample Relinquished by: CP (Gm)

Date/Time 11/10/22 13:30
 Raw Sample Received by: CP (Gm)
 Raw Sample Relinquished by: R M (WLC)