

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**QC BATCH ID:** LB125976**Analysis Date:** 06/15/2023**BOD Water:** WP102920**MANGANOUS SULFATE SOLUTION:** W2913**Starch:** W2977**Alkaline Iodide Azide:** W2914**Sulfuric acid, 1N:** WP102923**Sodium Thiosulfate, 0.025N:** W2976**POLYSEED:** WP102922**NaOH, 1N:** WP101216**GGA:** WP102921**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W3006**Zero DO:** WP102602

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.4	18.8	9.4	9.4

Meter Calibration1: 8.79

Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.47

After Incubation

Meter Calibration2: 8.61

Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB125976

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 13:15

TIME OUT: 14:00

DATE IN: 06/15/2023

DATE OUT: 06/20/2023

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
LB125976BL	1	No	6.88	N/A	20.50	300	9.46	9.44	0.02	0.02	0.02	
POLYSEED	1					10	9.40	6.12	3.28	0.66	0.63	
POLYSEED	2					15	9.38	4.56	4.82	0.64		
POLYSEED	3					20	9.35	3.51	5.84	0.58		
GGA	1					6	9.36	4.98	4.38	187.5	199.33	
GGA	2					6	9.31	4.63	4.68	202.5		
GGA	3					6	9.28	4.49	4.79	208		
O3226-02	1	No	6.52	N/A	20.00	0.5	9.31	7.55	-	0	1017	
O3226-02	2					1	9.27	5.25	4.02	1017		
O3226-02	3					2	9.23	0.34	-	0		
O3226-02	4					3	9.17	0.28	-	0		
O3226-02DUP	1	No	6.52	N/A	20.00	0.5	9.38	7.64	-	0	999	
O3226-02DUP	2					1	9.32	5.36	3.96	999		
O3226-02DUP	3					2	9.20	0.42	-	0		
O3226-02DUP	4					3	9.08	0.33	-	0		
O3240-01	1	No	8.51	7.41	20.10	5	9.31	8.89	-	0		pH Adjusted
O3240-01	2					20	9.18	8.70	-	0		
O3240-01	3					50	9.16	8.58	-	0		
O3240-01	4					150	9.15	8.32	-	0		

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

NOTE: 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

66125976

WorkList Name : bod5 6-15 WorkList ID : 170894 Department : Wet-Chemistry Date : 06-15-2023 08:28:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3226-02 A	COMP	Water	BOD5	Cool 4 deg C	ARAM01	D22	06/14/2023	SM5210 B
O3240-01 C	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	G11	06/14/2023	SM5210 B

Date/Time 06/15/2023 10:00
 Raw Sample Received by: RM CWS
 Raw Sample Relinquished by: RM CWS

Date/Time 06/15/2023 13:06
 Raw Sample Received by: RM CWS
 Raw Sample Relinquished by: RM CWS