



BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB126263

Analysis Date: 06/30/2023

BOD Water: WP103072

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP102923

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP103074

NaOH, 1N: WP101216

GGA: WP103073

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W3006

Zero DO: WP103062

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.1	9.1	9.1
WINKLER 2	WINKLER 2	2	300	9.1	18.2	9.1	9.1

Meter Calibration1: 8.72

Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.15

After Incubation

Meter Calibration2: 8.57

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB126263

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 06:40

TIME OUT: 10:30

DATE IN: 06/30/2023

DATE OUT: 07/05/2023

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
LB126263BL	1	No	6.66	N/A	20.50	300	9.14	9.12	0.02	0.02	0.02	
POLYSEED	1					10	9.06	6.43	2.63	0.53	0.6	
POLYSEED	2					15	9.01	4.06	4.95	0.66		
POLYSEED	3					20	8.96	2.96	6	0.6		
GGA	1					6	8.95	5.09	3.86	163	177.33	
GGA	2					6	8.90	4.79	4.11	175.5		
GGA	3					6	8.95	4.48	4.47	193.5		
O3461-02	1	No	6.60	N/A	20.30	0.5	9.06	7.83	-	0	555.17	
O3461-02	2					1	8.94	6.10	2.84	672		
O3461-02	3					2	8.86	4.87	3.99	508.5		
O3461-02	4					3	8.82	3.37	5.45	485		
O3468-01	1	No	8.37	7.37	20.20	5	9.12	7.85	-	0	6	pH Adjusted
O3468-01	2					20	9.03	7.60	-	0		
O3468-01	3					50	8.81	6.79	2.02	8.52		
O3468-01	4					150	8.85	6.51	2.34	3.48		
O3485-01	1	No	6.89	N/A	20.50	0.5	9.06	7.56	-	0	44.1	
O3485-01	2					1	8.94	7.43	-	0		
O3485-01	3					2	8.73	7.39	-	0		
O3485-01	4					5	8.68	7.22	-	0		
O3485-01	5					10	8.51	6.44	2.07	44.1		
O3485-05	1	No	4.04	6.67	20.10	0.01	8.92	6.95	-	0	2919	pH Adjusted
O3485-05	2					0.05	8.68	6.81	-	0		
O3485-05	3					0.1	8.66	6.21	2.45	5550		
O3485-05	4					0.5	8.64	5.22	3.42	1692		
O3485-05	5					1	8.57	2.92	5.65	1515		
O3485-05DUP	1	No	4.04	6.67	20.10	0.01	8.85	6.92	-	0	3022	pH Adjusted
O3485-05DUP	2					0.05	8.64	6.68	-	0		
O3485-05DUP	3					0.1	8.59	6.05	2.54	5820		
O3485-05DUP	4					0.5	8.57	5.10	3.47	1722		
O3485-05DUP	5					1	8.45	2.77	5.68	1524		

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)

6126263

WorkList Name : BOD6-28 WorkList ID : 171409 Department : Wet-Chemistry Date : 06-28-2023 08:37:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3468-01	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	D11	06/28/2023	SM5210 B
O3461-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	D11	06/28/2023	SM5210 B
O3485-01	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	H13	06/29/2023	SM5210 B
O3485-05	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	H13	06/29/2023	SM5210 B

Date/Time 06/30/23 05.45
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: JAGC 1

Date/Time 06/30/23 7:30
 Raw Sample Received by: JAGC
 Raw Sample Relinquished by: RM CWG