



BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

Analysis Date: 07/14/2023

QC BATCH ID: LB126465

BOD Water: WP103254

Starch: W2977

Sulfuric acid, 1N: WP102923

POLYSEED: WP103256

GGA: WP103255

Chlorine Strips: W2011

pH Strips: W3006

MANGANOUS SULFATE SOLUTION: W2913

Alkaline Iodide Azide: W2914

Sodium Thiosulfate, 0.025N: W2976

NaOH, 1N: WP101216

IncubatorID: INCUBATOR #3

GuageID: 0511064

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	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.4	18.8	9.4	9.4

Meter Calibration1: 8.80 Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.45

After Incubation

Meter Calibration2: 9.10 Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB126465

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 17:15

TIME OUT: 13:00

DATE IN: 07/14/2023

DATE OUT: 07/19/2023

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
LB126465BL	1	No	6.65	N/A	20.40	300	9.44	9.42	0.02	0.02	0.02	
POLYSEED	1					10	9.40	6.41	2.99	0.6	0.63	
POLYSEED	2					15	9.32	4.28	5.04	0.67		
POLYSEED	3					20	9.23	2.95	6.28	0.63		
GGA	1					6	9.39	4.74	4.65	201	206.67	
GGA	2					6	9.29	4.55	4.74	205.5		
GGA	3					6	9.20	4.30	4.9	213.5		
O3634-01	1	No	6.38	6.64	20.20	0.5	9.40	8.88	-	0	75.6	pH Adjuste
O3634-01	2					1	9.39	8.31	-	0		
O3634-01	3					2	9.35	8.06	-	0		
O3634-01	4					5	9.06	7.08	-	0		
O3634-01	5					10	8.54	5.39	3.15	75.6		
O3634-01DUP	1	No	6.38	6.64	20.20	0.5	9.37	8.79	-	0	84	pH Adjuste
O3634-01DUP	2					1	9.36	8.43	-	0		
O3634-01DUP	3					2	9.32	8.17	-	0		
O3634-01DUP	4					5	9.09	7.00	2.09	87.6		
O3634-01DUP	5					10	8.59	5.28	3.31	80.4		
O3634-05	1	No	9.64	7.45	20.60	0.01	9.43	8.73	-	0	1519.5	pH Adjuste
O3634-05	2					0.05	9.41	8.57	-	0		
O3634-05	3					0.1	9.39	8.48	-	0		
O3634-05	4					0.5	9.15	5.93	3.22	1554		
O3634-05	5					1	8.63	3.05	5.58	1485		
O3637-01	1	No	6.83	N/A	20.50	5	9.36	8.63	-	0	11.64	
O3637-01	2					20	9.15	8.38	-	0		
O3637-01	3					50	8.75	6.18	2.57	11.64		
O3637-01	4					150	6.72	0.30	-	0		
O3642-02	1	No	7.21	N/A	20.50	0.5	9.40	7.63	-	0	564.33	
O3642-02	2					1	9.29	6.56	2.73	630		
O3642-02	3					2	9.20	4.91	4.29	549		
O3642-02	4					3	9.14	3.37	5.77	514		

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)

6126465

WorkList Name : bod7-14

WorkList ID : 171873

Department : Wet-Chemistry

Date : 07-14-2023 08:02:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3634-01 C	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	I11	07/14/2023	SM5210 B
O3634-05 B	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	I11	07/14/2023	SM5210 B
O3637-01 W	A508	Water	BOD5	Cool 4 deg C	PSEG03	I11	07/14/2023	SM5210 B
O3642-02 B	EFF-WW	Water	BOD5	Cool 4 deg C	ARDM01	D11	07/14/2023	SM5210 B

Date/Time 07/14/2023 15:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: SPC021

Date/Time 07/14/2023 17:00
 Raw Sample Received by: SPC021
 Raw Sample Relinquished by: RM CWC