



BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB128762

Analysis Date: 12/15/2023

BOD Water: WP105741

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP105743

NaOH, 1N: WP103989

GGA: WP105742

IncubatorID: INCUBATOR#3

Chlorine Strips: W2965

GuageID: 0511064

pH Strips: W3056

Zero DO: WP105589

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: 9.23

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

Barometric Pressure1: 776 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.46

After Incubation

Meter Calibration2: 9.28

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure2: 776 mmHg



QC BATCH ID: LB128762

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 15:00

TIME OUT: 13:00

DATE IN: 12/15/2023

DATE OUT: 12/20/2023

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
LB128762BL	1	No	6.71	N/A	20.50	300	9.45	9.44	0.01	0.01	0.01	
POLYSEED	1					10	9.44	6.47	2.97	0.59	0.56	
POLYSEED	2					15	9.43	5.39	4.04	0.54		
POLYSEED	3					20	9.41	4.02	5.39	0.54		
GGA	1					6	9.41	5.42	3.99	171.5	185.5	
GGA	2					6	9.38	5.03	4.35	189.5		
GGA	3					6	9.37	4.90	4.47	195.5		
O5837-01	1	No	6.58	N/A	20.00	5	9.43	8.36	-	0	11.08	
O5837-01	2					20	9.40	8.19	-	0		
O5837-01	3					50	9.39	6.13	3.26	16.2		
O5837-01	4					150	9.36	5.82	3.54	5.96		
O5837-01DUP	1	No	6.58	N/A	20.00	5	9.42	8.41	-	0	11.31	
O5837-01DUP	2					20	9.40	8.29	-	0		
O5837-01DUP	3					50	9.38	6.03	3.35	16.74		
O5837-01DUP	4					150	9.37	5.87	3.5	5.88		
O5837-03	1	No	6.55	N/A	20.00	5	9.44	7.72	-	0	7.29	
O5837-03	2					20	9.43	7.53	-	0		
O5837-03	3					50	9.41	7.10	2.31	10.5		
O5837-03	4					150	9.40	6.80	2.6	4.08		
O5837-05	1	No	6.65	N/A	20.00	5	9.43	7.53	-	0	15.7	
O5837-05	2					20	9.42	7.22	2.2	24.6		
O5837-05	3					50	9.40	6.38	3.02	14.76		
O5837-05	4					150	9.38	4.95	4.43	7.74		

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)

Lb 128762

WorkList Name : bod5-12-15

WorkList ID : 176389

Department : Wet-Chemistry

Date : 12-15-2023 08:12:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5837-01	DSN002	Water	BOD5	Cool 4 deg C	PSEG04	L31	12/14/2023	SM5210 B
O5837-03	DSN001	Water	BOD5	Cool 4 deg C	PSEG04	L31	12/14/2023	SM5210 B
O5837-05	DSN003	Water	BOD5	Cool 4 deg C	PSEG04	L31	12/14/2023	SM5210 B

Date/Time 12/15/2023 13:00
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: 12/15/2023

Date/Time 12/15/2023 16:30
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: 12/15/2023