



BOD5 LOG

ANALYST: jignesh

SUPERVISOR: Iwona

QC BATCH ID: LB128881

Analysis Date: 12/21/2023

BOD Water: WP105823

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP105825

NaOH, 1N: WP103989

GGA: WP105824

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	9.3	9.3	9.3
WINKLER 2	WINKLER 2	2	300	9.3	18.6	9.3	9.3

Meter Calibration1: 9.38

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

Barometric Pressure1: 776 mmHg DO Meter BOD fluid reading for winkler comparison: 9.33

After Incubation

Meter Calibration2: 9.28

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB128881

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 14:00

TIME OUT: 11:35

DATE IN: 12/21/2023

DATE OUT: 12/26/2023

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
LB128881BL	1	No	6.74	N/A	20.50	300	9.32	9.31	0.01	0.01	0.01	
POLYSEED	1					10	9.28	6.25	3.03	0.61	0.5	
POLYSEED	2					15	9.26	5.75	3.51	0.47		
POLYSEED	3					20	9.25	4.94	4.31	0.43		
GGA	1					6	9.29	4.86	4.43	196.5	196	
GGA	2					6	9.28	4.81	4.47	198.5		
GGA	3					6	9.24	4.88	4.36	193		
O5945-02	1	No	6.67	N/A	20.00	0.5	9.29	6.73	2.56	1236	1027.13	
O5945-02	2					1	9.21	3.81	5.4	1470		
O5945-02	3					2	9.19	3.54	5.65	772.5		
O5945-02	4					3	9.05	2.25	6.8	630		
O5945-02DUP	1	No	6.67	N/A	20.00	0.5	9.30	6.75	2.55	1230	1021.88	
O5945-02DUP	2					1	9.20	3.83	5.37	1461		
O5945-02DUP	3					2	9.19	3.56	5.63	769.5		
O5945-02DUP	4					3	9.04	2.27	6.77	627		
O5946-01	1	No	8.18	7.39	20.00	5	9.30	7.92	-	0	4.54	pH Adjuste
O5946-01	2					20	9.29	7.82	-	0		
O5946-01	3					50	9.27	7.65	-	0		
O5946-01	4					150	9.26	6.49	2.77	4.54		

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.

6128881

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod5-12-20

WorkList ID : 176573

Department : Wet-Chemistry

Date : 12-20-2023 09:36:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5945-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	O11	12/20/2023	SM5210 B
O5946-01	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	O11	12/20/2023	SM5210 B

Date/Time 12/21/2023 12.30
 Raw Sample Received by: RA CWC
 Raw Sample Relinquished by: RA CWC

Date/Time 12/21/2023 13.30
 Raw Sample Received by: RA CWC
 Raw Sample Relinquished by: RA CWC