



BOD5 LOG

ANALYST: jignesh

SUPERVISOR: Iwona

Analysis Date: 01/19/2024

QC BATCH ID: LB129186

BOD Water: WP106154

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP106156

NaOH, 1N: WP103989

GGA: WP106155

IncubatorID: INCUBATOR #3

Chlorine Strips: W2965

GuageID: 0511064

pH Strips: W3056

Zero DO: WP106040

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.58	8.58	8.58
WINKLER 2	WINKLER 2	2	300	8.58	17.16	8.58	8.58

Meter Calibration1: 8.70

Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.62

After Incubation

Meter Calibration2: 9.28

Zero DO Reading2: 0.04 mg/L (<=0.2 Criteria)

Barometric Pressure2: 776 mmHg



QC BATCH ID: LB129186

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 15:00

TIME OUT: 11:10

DATE IN: 01/19/2024

DATE OUT: 01/24/2024

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
LB129186BL	1	No	6.70	N/A	20.30	300	8.61	8.59	0.02	0.02	0.02	
POLYSEED	1					10	8.63	4.75	3.88	0.78	0.58	
POLYSEED	2					15	8.55	5.37	3.18	0.42		
POLYSEED	3					20	8.45	2.98	5.47	0.55		
GGA	1					6	8.67	4.67	4	171	176.17	
GGA	2					6	8.66	4.59	4.07	174.5		
GGA	3					6	8.65	4.41	4.24	183		
P1178-02	1	No	6.81	N/A	20.30	0.5	8.69	8.53	-	0	589.5	
P1178-02	2					1	8.67	5.92	2.75	651		
P1178-02	3					2	8.65	4.55	4.1	528		
P1178-02	4					3	8.63	0.70	-	0		
P1178-02DUP	1	No	6.81	N/A	20.30	0.5	8.70	8.55	-	0	584.25	
P1178-02DUP	2					1	8.68	5.95	2.73	645		
P1178-02DUP	3					2	8.64	4.57	4.07	523.5		
P1178-02DUP	4					3	8.62	0.71	-	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.

WB29186

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod p1178

WorkList ID : 177270

Department : Wet-Chemistry

Date : 01-19-2024 11:36:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1178-02 B	EFF-VWW	Water	BOD5	Cool 4 deg C	ARDM01	D11	01/18/2024	SM5210 B

Date/Time 01-19-24 11:45
Raw Sample Received by: JDL
Raw Sample Relinquished by: JDL

Date/Time 01-19-24 15:00
Raw Sample Received by: JDL
Raw Sample Relinquished by: JDL