



BOD 7 LOG

ANALYST: Rubina

SUPERVISOR: jignesh

Analysis Date: 03/29/2024

QC BATCH ID: LB130099

BOD Water: WP107189

Starch: W2977

Sulfuric acid, 1N: WP105744

POLYSEED: WP107191

GGA: WP107190

Chlorine Strips: W2965

pH Strips: W3056

MANGANOUS SULFATE SOLUTION: W2913

Alkaline Iodide Azide: W2914

Sodium Thiosulfate, 0.025N: W2976

NaOH, 1N: WP106529

IncubatorID: INCUBATOR#3

GuageID: 0511064

Zero DO: WP107046

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: 8.54

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

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.47

After Incubation

Meter Calibration2: 8.74

Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB130099

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 17:00

TIME OUT: 11:00

DATE IN: 03/29/2024

DATE OUT: 04/05/2024

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
LB130099BL	1	No	6.70	N/A	20.60	300	9.46	9.45	0.01	0.01	0.01	
POLYSEED	1					10	9.45	5.91	3.54	0.71	0.67	
POLYSEED	2					15	9.43	4.48	4.95	0.66		
POLYSEED	3					20	9.38	3.06	6.32	0.63		
GGA	1					6	9.37	4.75	4.62	197.5	198.5	
GGA	2					6	9.36	4.73	4.63	198		
GGA	3					6	9.36	4.69	4.67	200		
P1914-05	1	No	7.86	7.42	20.00	0.1	9.45	8.31	-	0	1459.5	pH Adjusted
P1914-05	2					0.5	9.43	7.10	2.33	996		
P1914-05	3					1	9.41	2.33	7.08	1923		
P1914-05	4					5	9.40	0.81	-	0		
P1914-05DUP	1	No	7.86	7.42	20.00	0.1	9.44	8.34	-	0	1417.5	pH Adjusted
P1914-05DUP	2					0.5	9.43	7.20	2.23	936		
P1914-05DUP	3					1	9.41	2.41	7	1899		
P1914-05DUP	4					5	9.39	0.83	-	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.

6130099

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod7-0329

WorkList ID : 178941

Department : Wet-Chemistry

Date : 03-29-2024 08:09:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1914-05	BOD	Water	BOD_7	Cool 4 deg C	AMER08	I21	03/28/2024	SM5210 B

Date/Time 03/29/2024 14:00

Raw Sample Received by: RPA CWC

Raw Sample Relinquished by: JAL CWC

Date/Time 03/29/2024 15:30

Raw Sample Received by: JAL CWC

Raw Sample Relinquished by: RPA CWC