

ANALYST: Rubina

SUPERVISOR: jignesh

Analysis Date: 03/28/2024

QC BATCH ID: LB130073

BOD Water: WP107186

Starch: W2977

Sulfuric acid, 1N: WP105744

POLYSEED: WP107188

GGA: WP107187

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	9.2	9.2	9.2
WINKLER 2	WINKLER 2	2	300	9.2	18.4	9.2	9.2

Meter Calibration1: 8.64

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

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.25

After Incubation

Meter Calibration2: 8.97

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

Barometric Pressure2: 755 mmHg



QC BATCH ID: LB130073

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 14:45

TIME OUT: 11:00

DATE IN: 03/28/2024

DATE OUT: 04/04/2024

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
LB130073BL	1	No	6.67	N/A	20.60	300	9.24	9.23	0.01	0.01	0.01	
POLYSEED	1					10	9.22	5.95	3.27	0.65	0.67	
POLYSEED	2					15	9.16	3.65	5.51	0.73		
POLYSEED	3					20	9.14	2.91	6.23	0.62		
GGA	1					6	9.21	5.14	4.07	170	175.33	
GGA	2					6	9.19	5.00	4.19	176		
GGA	3					6	9.19	4.92	4.27	180		
P1896-05	1	No	6.47	6.69	20.60	0.1	9.23	6.73	2.5	5490	3127	pH Adjusted
P1896-05	2					0.5	9.21	4.22	4.99	2592		
P1896-05	3					1	9.19	4.19	5	1299		
P1896-05	4					5	9.17	8.56	-	0		
P1896-05DUP	1	No	6.47	6.69	20.60	0.1	9.21	8.42	-	0	2874	pH Adjusted
P1896-05DUP	2					0.5	9.20	3.74	5.46	2874		
P1896-05DUP	3					1	9.18	8.19	-	0		
P1896-05DUP	4					5	9.16	8.40	-	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.

LB130073

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod7-0328 WorkList ID : 178902 Department : Wet-Chemistry Date : 03-28-2024 08:05:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1896-05	BOD	Water	BOD_7	Cool 4 deg C	AMER08	I12	03/27/2024	SM5210 B

Date/Time 03/28/2024 13:00
Raw Sample Received by: RM GWC
Raw Sample Relinquished by: GWC

Date/Time 03/28/2024 14:30
Raw Sample Received by: JN C
Raw Sample Relinquished by: JN C