



CBOD5 LOG

ANALYST: jignesh

SUPERVISOR: Iwona

QC BATCH ID: LB129954

Analysis Date: 03/20/2024

BOD Water: WP107016

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP107018

NaOH, 1N: WP106529

GGA: WP107017

IncubatorID: INCUBATOR #3

Chlorine Strips: W2965

GuageID: 0511064

pH Strips: W3056

Zero DO: WP106592

Nitrification Inhibitor: W3064

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.80	8.8	8.9
WINKLER 2	WINKLER 2	2	300	8.80	17.8	9	8.9

Meter Calibration1: 8.91

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

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.95

After Incubation

Meter Calibration2: 9.28

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

Barometric Pressure2: 750 mmHg



QC BATCH ID: LB129954

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 08:45

TIME OUT: 09:45

DATE IN: 03/20/2024

DATE OUT: 03/25/2024

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
LB129954BL	1	No	6.59	N/A	20.10	300	8.97	8.95	0.02	0.02	0.02	
POLYSEED	1					10	8.96	6.20	2.76	0.55	0.58	
POLYSEED	2					15	8.95	4.45	4.5	0.6		
POLYSEED	3					20	8.94	3.07	5.87	0.59		
GGA	1					6	8.93	4.72	4.21	181.5	185.67	
GGA	2					6	8.92	4.65	4.27	184.5		
GGA	3					6	8.91	4.51	4.4	191		
P1788-01	1	No	6.69	N/A	20.10	5	8.91	8.30	-	0		
P1788-01	2					20	8.82	8.21	-	0		
P1788-01	3					50	8.60	7.95	-	0		
P1788-01	4					150	7.76	7.44	-	0		
P1788-02	1	No	6.87	N/A	20.20	5	8.87	8.22	-	0		
P1788-02	2					20	8.76	8.20	-	0		
P1788-02	3					50	8.50	7.95	-	0		
P1788-02	4					150	6.93	6.56	-	0		
P1788-02DUP	1	No	6.87	N/A	20.20	5	8.89	8.18	-	0		
P1788-02DUP	2					20	8.79	8.12	-	0		
P1788-02DUP	3					50	8.53	7.94	-	0		
P1788-02DUP	4					150	6.95	6.58	-	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.

129954

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CBOD5-031924

WorkList ID : 178716

Department : Wet-Chemistry

Date : 03-19-2024 14:20:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1788-01	PEZOMETER-200	Water	CBOD5	Cool 4 deg C	MIRM01	O21	03/18/2024	SM5210 B
P1788-02	PEZOMETER-206	Water	CBOD5	Cool 4 deg C	MIRM01	O21	03/18/2024	SM5210 B

Date/Time 03/20/24 07:30

Raw Sample Received by: JO (WOC)

Raw Sample Relinquished by: CP SM

Date/Time 03/20/24 11:00

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JO (WOC)

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