

QC BATCH ID: LB129875

Analysis Date: 03/14/2024

BOD Water: WP106941

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP106943

NaOH, 1N: WP106529

GGA: WP106942

Incubator ID: INCUBATOR #3

Chlorine Strips: W2965

Guage ID: 0511064

pH Strips: W3056

Zero DO: WP106592

Nitrification Inhibitor: W3064

Lab Sample ID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 8.71

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

Barometric Pressure1: 771 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.78

After Incubation

Meter Calibration2: 8.80

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

Barometric Pressure2: 765 mmHg

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INCUBATOR TEMP IN (C): 20.5

INCUBATOR TEMP OUT (C): 20.4

TIME IN: 10:30

TIME OUT: 11:30

DATE IN: 03/14/2024

DATE OUT: 03/19/2024

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
LB129875BL	1	No	6.57	N/A	20.50	300	8.77	8.76	0.01	0.01	0.01	
POLYSEED	1					10	8.64	5.99	2.65	0.53	0.42	
POLYSEED	2					15	8.62	5.81	2.81	0.37		
POLYSEED	3					20	8.60	5.03	3.57	0.36		
GGA	1					6	8.68	4.82	3.86	172	175	
GGA	2					6	8.61	4.70	3.91	174.5		
GGA	3					6	8.59	4.60	3.99	178.5		
P1747-03	1	No	6.42	6.72	20.00	5	8.66	8.20	-	0	18.96	pH Adjusted
P1747-03	2					20	8.55	5.71	2.84	36.3		
P1747-03	3					50	8.54	5.60	2.94	15.12		
P1747-03	4					150	8.51	5.36	3.15	5.46		
P1747-03DUP	1	No	6.42	6.72	20.00	5	8.64	8.22	-	0	18.8	pH Adjusted
P1747-03DUP	2					20	8.57	5.74	2.83	36.15		
P1747-03DUP	3					50	8.54	5.64	2.9	14.88		
P1747-03DUP	4					150	8.50	5.39	3.11	5.38		

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.

WORKLIST(Hardcopy Internal Chain)

LB129875

WorkList Name : cbod-314 WorkList ID : 178579 Department : Wet-Chemistry Date : 03-14-2024 08:35:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1747-03	MW-01	Water	CBOD5	Cool 4 deg C	LIRO01	I31	03/13/2024	SM5210 B

Date/Time 03/14/2024 08:30
Raw Sample Received by: RM
Raw Sample Relinquished by: 501 (CWC)

Date/Time 03/14/2024 10:30
Raw Sample Received by: 710 (CWC)
Raw Sample Relinquished by: 712 (CWC)