

QC BATCH ID: LB129876

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

IncubatorID: INCUBATOR #3

Chlorine Strips: W2965

GuageID: 0511064

pH Strips: W3056

Zero DO: WP106592

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



QC BATCH ID: LB129876

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
LB129876BL	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		
P1732-01	1	No	6.01	6.60	20.40	0.05	8.60	7.74	-	0	2309	pH Adjusted
P1732-01	2					0.1	8.59	7.20	-	0		
P1732-01	3					0.2	8.56	5.29	3.27	4275		
P1732-01	4					0.5	8.55	5.21	3.34	1752		
P1732-01	5					1	8.48	5.06	3.42	900		
P1732-01DUP	1	No	6.01	6.60	20.40	0.05	8.60	7.76	-	0	2297	pH Adjusted
P1732-01DUP	2					0.1	8.58	7.23	-	0		
P1732-01DUP	3					0.2	8.56	5.30	3.26	4260		
P1732-01DUP	4					0.5	8.54	5.22	3.32	1740		
P1732-01DUP	5					1	8.47	5.08	3.39	891		
P1745-02	1	No	6.33	6.69	20.00	0.5	8.59	6.96	-	0	539	pH Adjusted
P1745-02	2					1	8.48	5.74	2.74	696		
P1745-02	3					2	8.39	4.31	4.08	549		
P1745-02	4					3	8.34	4.20	4.14	372		

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.

66129876

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod5-313

WorkList ID : 178551

Department : Wet-Chemistry

Date : 03-13-2024 08:51:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1732-01	DRAIN-WATER-TANK-1	Water	BOD5	Cool 4 deg C	MAJO01	I31	03/12/2024	SM5210 B
P1745-02 ♂	COMP	Water	BOD5	Cool 4 deg C	ARAM01	I21	03/13/2024	SM5210 B

Date/Time 03/14/2024 08:30
Raw Sample Received by: RPA CWC
Raw Sample Relinquished by: JH CWC

Date/Time 03/14/2024 10:00
Raw Sample Received by: JH CWC
Raw Sample Relinquished by: RPA CWC