

QC BATCH ID: LB119136

Analysis Date: 03/11/2022

BOD Water: WP95780

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: M5038

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP95782

NaOH, 1N: WP94570

GGA: WP95781

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP95554

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.3	9.3	9.35
WINKLER 2	WINKLER 2	2	300	9.3	18.7	9.4	9.35

Meter Calibration1: 9.10

Zero DO Reading1: 0.004 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 9.05

After Incubation

Meter Calibration2: 9.20

Zero DO Reading2: 0.03 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 9.24

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INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 203

TIME IN: 17:40

TIME OUT: 12:00

DATE IN: 03/11/2022

DATE OUT: 03/17/2022

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
LB119136BL	1	No	6.0	N/A	20.80	300	9.08	9.01	0.07	0.07	0.07	
POLYSEED	1					10	9.06	4.76	4.3	0.86	0.81	
POLYSEED	2					15	9.05	3.19	5.86	0.78		
POLYSEED	3					20	9.04	1.26	7.78	0.78		
GGA	1					6	8.05	3.85	4.2	169.5	187.83	
GGA	2					6	8.04	3.34	4.7	194.5		
GGA	3					6	8.01	3.21	4.8	199.5		
N1920-01	1	No	8.04	7.2	15.30	0.5	8.95	7.36	-	0	269.97	pH Adjusted
N1920-01	2					1	8.94	6.39	2.55	522		
N1920-01	3					2	8.87	5.71	3.16	352.5		
N1920-01	4					50	8.81	3.37	5.44	27.78		
N1920-01	5					10	8.80	2.07	6.73	177.6		
N1920-05	1	No	4.38	7.2	14.10	0.01	8.97	7.47	-	0	10570	pH Adjusted
N1920-05	2					0.05	8.96	5.89	3.07	13560		
N1920-05	3					0.1	8.94	3.44	5.5	14070		
N1920-05	4					0.5	8.88	1.27	7.61	4080		
N1920-05	5					1	8.80	0.74	-	0		
N1935-02	1	No	5.20	7.2	20.30	0.5	8.47	8.09	-	0	493.5	pH Adjusted
N1935-02	2					1	8.41	6.46	-	0		
N1935-02	3					2	8.40	4.75	3.65	426		
N1935-02	4					3	8.37	1.95	6.42	561		
N1935-02DUP	1	No	5.20	7.2	20.40	0.5	8.44	8.10	-	0	489.75	pH Adjusted
N1935-02DUP	2					1	8.43	6.49	-	0		
N1935-02DUP	3					2	8.39	4.77	3.62	421.5		
N1935-02DUP	4					3	8.36	1.97	6.39	558		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod n1935

WorkList ID : 157689

Department : Wet-Chemistry

Date : 03-11-2022 17:10:22

Due Date	Matrix	Sample	Test	Raw Sample			Customer Sample	Collect Date	Method
				Preservative	Customer	Storage Location			
03/13/2022	Water	N1920-01	BOD5	Cool 4 deg C	HOLL01	P11	EFFLUENT	03/11/2022	SM5210 B
03/13/2022	Water	N1920-05	BOD5	Cool 4 deg C	HOLL01	P11	INFLUENT	03/11/2022	SM5210 B
03/13/2022	Water	N1935-02	BOD5	Cool 4 deg C	ARDM01	P11	EFF-VWV	03/11/2022	SM5210 B

Date/Time 03.11.22 17:15
Raw Sample Received by: 701001
Raw Sample Relinquished by: Ad sm

Date/Time 03.11.2022 18:30
Raw Sample Received by: Ad sm
Raw Sample Relinquished by: Ad (02C)