

QC BATCH ID: LB119862

Analysis Date: 04/27/2022

BOD Water: WP96441

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: M5038

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP96445

NaOH, 1N: WP94570

GGA: WP96442

IncubatorID: Incubator-3

Chlorine Strips: W2543

GuageID: 0511064

pH Strips: W2716

Zero DO: WP96043

Nitrification Inhibitor: W2792

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.81

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.77

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

Barometric Pressure2: 760 mmHg

Winkler titrated BOD fluid DO reading2: 8.60



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INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 14:30

TIME OUT: 11:30

DATE IN: 04/27/2022

DATE OUT: 05/02/2022

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
LB119862BL	1	No	6.0	N/A	21.20	300	8.92	8.70	0.22	0.22	0.22	
POLYSEED	1					10	8.92	5.65	3.27	0.65	0.68	
POLYSEED	2					15	8.90	3.95	4.95	0.66		
POLYSEED	3					20	8.88	1.52	7.36	0.74		
GGA	1					6	8.86	3.06	5.8	256	222.67	
GGA	2					6	8.84	3.96	4.88	210		
GGA	3					6	8.85	4.13	4.72	202		
N2550-01	1	No	8.10	7.20	21.20	5	8.80	8.70	-	0		pH Adjuste
N2550-01	2					20	8.79	8.66	-	0		
N2550-01	3					50	8.76	8.25	-	0		
N2550-01	4					150	8.66	8.12	-	0		
N2550-01DUP	1	No	8.10	7.20	21.20	5	8.82	8.69	-	0		pH Adjuste
N2550-01DUP	2					20	8.80	8.68	-	0		
N2550-01DUP	3					50	8.78	8.27	-	0		
N2550-01DUP	4					150	8.68	8.15	-	0		
N2550-02	1	No	7.80	N/A	21.50	5	8.82	8.67	-	0		
N2550-02	2					20	8.80	8.47	-	0		
N2550-02	3					50	8.78	8.33	-	0		
N2550-02	4					150	8.66	8.31	-	0		

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

LB119862

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CBOD42522 WorkList ID : 158992 Department : Wet-Chemistry Date : 04-25-2022 16:56:37

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/25/2022	Water	N2550-01	CBOD5	Cool 4 deg C	DIST01	P11	PUMP-STATION-207ST-TRAIN-FACILITY	04/23/2022	SM5210 B
04/25/2022	Water	N2550-02	CBOD5	Cool 4 deg C	DIST01	P11	DYCKMAN-200ST-A51515T50SB	04/23/2022	SM5210 B

Date/Time 04/27/22 13:30
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: KS (wc)

Date/Time 04/27/22 14:35
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: KS (wc)