

QC BATCH ID: LB117643

BOD Water: WP94159

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP94160

GGA: WP94158

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP91991

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP94126

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: 8.78

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.98

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB117643

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:25

TIME OUT: 12:00

DATE IN: 12/02/2021

DATE OUT: 12/07/2021

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
LB117643BL	1	No	6.4	N/A	21.20	300	8.89	8.78	0.11	0.11	0.11	
POLYSEED	1					10	8.85	4.58	4.27	0.85	0.77	
POLYSEED	2					15	8.81	3.57	5.24	0.7		
POLYSEED	3					20	8.79	1.30	7.49	0.75		
GGA	1					6	8.83	3.50	5.33	228	207	
GGA	2					6	8.81	3.98	4.83	203		
GGA	3					6	8.82	4.25	4.57	190		
M4914-01	1	No	5.92	7.20	20.40	5	8.86	8.21	-	0	2.88	pH Adjusted
M4914-01	2					20	8.84	7.93	-	0		
M4914-01	3					50	8.83	6.84	-	0		
M4914-01	4					150	8.80	6.59	2.21	2.88		
M4914-01DUP	1	No	5.92	7.20	20.40	5	8.85	8.20	-	0	2.82	pH Adjusted
M4914-01DUP	2					20	8.83	7.90	-	0		
M4914-01DUP	3					50	8.80	6.81	-	0		
M4914-01DUP	4					150	8.78	6.60	2.18	2.82		

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

WORKLIST(Hardcopy Internal Chain)

LB117643

WorkList Name : CBOD12221 **WorkList ID :** 154863 **Department :** Wet-Chemistry **Date :** 12-02-2021 15:34:59

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/02/2021	Water	M4914-01	CBOD5	1:1 HNO3 to p	INFR01	D11	SEMI-ANNUAL-CONDEN	11/30/2021	SM5210 B

Date/Time 12/02/21 16:05
Raw Sample Received by: KS(wc)
Raw Sample Relinquished by: JDC(wc)

Date/Time 12/02/21 17:30
Raw Sample Received by: JP(wc)
Raw Sample Relinquished by: KS(wc)