

QC BATCH ID: LB117749

BOD Water: WP94325

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP94327

GGA: WP94326

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

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.93

Barometric Pressure1: 765 mmHg

After Incubation

Meter Calibration2: 8.98

Barometric Pressure2: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.95

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

Winkler titrated BOD fluid DO reading2: 8.88



QC BATCH ID: LB117749

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:25

TIME OUT: 11:30

DATE IN: 12/10/2021

DATE OUT: 12/15/2021

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
LB117749BL	1	No	6.4	N/A	21.20	300	8.93	8.88	0.05	0.05	0.05	
POLYSEED	1					10	8.90	5.21	3.69	0.74	0.71	
POLYSEED	2					15	8.86	3.76	5.1	0.68		
POLYSEED	3					20	8.85	1.67	7.18	0.72		
GGA	1					6	8.88	4.69	4.19	174	184.33	
GGA	2					6	8.86	3.96	4.9	209.5		
GGA	3					6	8.84	4.74	4.1	169.5		
M5061-02	1	No	6.52	N/A	20.80	5	8.90	6.80	2.1	83.4	65.03	
M5061-02	2					20	8.88	5.06	3.82	46.65		
M5061-02	3					50	8.87	0.90	-	0		
M5061-02	4					150	8.85	0.17	-	0		
M5061-02DUP	1	No	6.52	N/A	20.80	5	8.88	6.82	2.06	81	63.38	
M5061-02DUP	2					20	8.86	5.10	3.76	45.75		
M5061-02DUP	3					50	8.83	0.92	-	0		
M5061-02DUP	4					150	8.81	0.20	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB117749

WorkList Name : BOD121021-1 WorkList ID : 155058 Department : Wet-Chemistry Date : 12-10-2021 17:07:21

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/12/2021	Water	M5061-02	BOD5	Cool 4 deg C	ARDM01	H22	EFF-WW	12/10/2021	SM5210 B

Date/Time 12/10/21 17:10
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: JAWC

Date/Time 12/10/21 17:30
 Raw Sample Received by: JAWC
 Raw Sample Relinquished by: KS(wc)