

QC BATCH ID: LB116769

BOD Water: WP93342

Starch: W2703

Sulfuric acid, 1N: WP91648

POLYSEED: WP93344

GGA: WP93343

Chlorine Strips: W2544

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: WP92838

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	8.75
WINKLER 2	WINKLER 2	2	300	8.7	17.5	8.8	8.75

Meter Calibration1: 8.62

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.61

After Incubation

Meter Calibration2: 8.73

Barometric Pressure2: 760 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.52



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INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 12:55

TIME OUT: 11:40

DATE IN: 10/08/2021

DATE OUT: 10/13/2021

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
LB116769BL	1	No	6.4	N/A	19.00	300	8.60	8.50	0.1	0.1	0.1	
POLYSEED	1					10	8.58	4.55	4.03	0.81	0.74	
POLYSEED	2					15	8.56	3.55	5.01	0.67		
POLYSEED	3					20	8.55	1.28	7.27	0.73		
GGA	1					6	8.57	3.50	5.07	216.5	196.67	
GGA	2					6	8.59	3.97	4.62	194		
GGA	3					6	8.58	4.25	4.33	179.5		
M4122-01	1	No	7.20	N/A	23.10	1	8.58	7.14	-	0	19.08	
M4122-01	2					5	8.57	6.80	-	0		
M4122-01	3					20	8.55	6.57	-	0		
M4122-01	4					50	8.54	4.62	3.92	19.08		
M4122-01DUP	1	No	7.20	N/A	23.10	1	8.56	7.15	-	0	18.78	
M4122-01DUP	2					5	8.55	6.82	-	0		
M4122-01DUP	3					20	8.54	6.60	-	0		
M4122-01DUP	4					50	8.52	4.65	3.87	18.78		
M4124-01	1	No	6.30	N/A	23.10	1	8.57	5.60	2.97	669	536.1	
M4124-01	2					5	8.56	1.10	7.46	403.2		
M4124-01	3					20	8.54	0.37	-	0		
M4124-01	4					50	8.52	0.33	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB116769

WorkList Name : BOD10821 WorkList ID : 153089 Department : Wet-Chemistry Date : 10-08-2021 11:20:17

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/09/2021	Water	M4122-01	BOD5	Cool 4 deg C	PHAR02	D11	3222008-3	10/07/2021	SM5210 B
10/09/2021	Water	M4124-01	BOD5	Cool 4 deg C	PHAR02	K11	15220012-1	10/07/2021	SM5210 B

Date/Time 10/08/2021 11:25
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 10/08/2021 13:00
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)