

QC BATCH ID: LB115108

BOD Water: wp91780

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: wp91783

GGA: wp91782

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP90938

NaOH, 1N: WP89214

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP91586

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	8.9
WINKLER 2	WINKLER 2	2	300	8.9	17.8	8.9	8.9

Meter Calibration1: 8.73

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.75

After Incubation

Meter Calibration2: 8.64

Barometric Pressure2: 760 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.84



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INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 14:30

TIME OUT: 11:35

DATE IN: 06/25/2021

DATE OUT: 06/30/2021

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
LB115108BL	1	No	6.4	N/A	21.20	300	8.82	8.80	0.02	0.02	0.02	
POLYSEED	1					10	8.79	5.33	3.46	0.69	0.64	
POLYSEED	2					15	8.77	5.07	3.7	0.49		
POLYSEED	3					20	8.81	1.54	7.27	0.73		
GGA	1					6	8.78	4.29	4.49	192.5	176.83	
GGA	2					6	8.74	4.37	4.37	186.5		
GGA	3					6	8.71	5.04	3.67	151.5		
M2871-01	1	No	7.2	N/A	18.20	0.5	8.78	7.73	-	0	196.5	
M2871-01	2					1	8.78	7.61	-	0		
M2871-01	3					2	8.76	7.44	-	0		
M2871-01	4					5	8.76	4.84	3.92	196.8		
M2871-01	5					10	8.67	1.49	7.18	196.2		
M2871-01DUP	1	No	7.2	N/A	18.20	0.5	8.76	7.71	-	0	195.6	
M2871-01DUP	2					1	8.75	7.60	-	0		
M2871-01DUP	3					2	8.74	7.43	-	0		
M2871-01DUP	4					5	8.72	4.83	3.89	195		
M2871-01DUP	5					10	8.65	1.47	7.18	196.2		
M2871-05	1	No	4.6	7.2	17.20	0.01	8.75	7.17	-	0	7236	pH Adjusted
M2871-05	2					0.05	8.74	6.19	2.55	11460		
M2871-05	3					0.1	8.72	6.07	2.65	6030		
M2871-05	4					0.5	8.70	1.03	7.67	4218		
M2871-05	5					1	8.68	0.98	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 115708

WorkList Name : BOD62521 WorkList ID : 150122 Department : Wet-Chemistry Date : 06-25-2021 13:06:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/26/2021	Water	M2871-01	A BOD5	Cool 4 deg C	HOLL01	J61	EFFLUENT	06/24/2021	SM5210 B
06/26/2021	Water	M2871-05	B BOD5	Cool 4 deg C	HOLL01	J61	INFLUENT	06/24/2021	SM5210 B

Date/Time 06/25/21 13:30
 Raw Sample Received by: KS (Welcher)
 Raw Sample Relinquished by: J. Wet (KRM)

Date/Time 06/25/21 14:40
 Raw Sample Received by: KS (Welcher)
 Raw Sample Relinquished by: KS (Welcher)