

QC BATCH ID: LB115846

BOD Water: wp92511

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: wp92514

GGA: wp92513

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: WP92454

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.6	8.6	8.6
WINKLER 2	WINKLER 2	2	300	8.6	17.2	8.6	8.6

Meter Calibration1: 8.43

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.50

After Incubation

Meter Calibration2: 8.45

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.58



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INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:15

TIME OUT: 12:00

DATE IN: 08/13/2021

DATE OUT: 08/18/2021

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
LB115846BL	1	No	6.0	N/A	21.20	300	8.48	8.48	0	0	0	
POLYSEED	1					10	8.30	4.54	3.76	0.75	0.69	
POLYSEED	2					15	8.25	3.53	4.72	0.63		
POLYSEED	3					20	8.20	1.26	6.94	0.69		
GGA	1					6	8.17	3.49	4.68	199.5	183.17	
GGA	2					6	8.24	3.95	4.29	180		
GGA	3					6	8.32	4.23	4.09	170		
M3391-01	1	No	8.79	N/A	22.60	1	8.58	8.54	-	0	2.64	
M3391-01	2					5	8.54	8.53	-	0		
M3391-01	3					20	8.50	8.20	-	0		
M3391-01	4					50	8.48	8.17	-	0		
M3391-01	5					150	8.58	6.57	2.01	2.64		
M3391-01DUP	1	No	8.79	N/A	22.60	1	8.55	8.50	-	0	2.66	
M3391-01DUP	2					5	8.52	8.49	-	0		
M3391-01DUP	3					20	8.45	8.18	-	0		
M3391-01DUP	4					50	8.42	8.15	-	0		
M3391-01DUP	5					150	8.57	6.55	2.02	2.66		
M3411-01	1	No	6.48	N/A	21.50	0.5	8.55	8.39	-	0	156.6	
M3411-01	2					1	8.53	8.20	-	0		
M3411-01	3					2	8.50	7.46	-	0		
M3411-01	4					5	8.48	5.18	3.3	156.6		
M3411-01	5					20	8.45	0.64	-	0		
M3427-01	1	No	7.80	N/A	23.80	0.5	8.62	7.85	-	0	39.9	
M3427-01	2					1	8.58	7.80	-	0		
M3427-01	3					2	8.56	7.24	-	0		
M3427-01	4					5	8.48	7.14	-	0		
M3427-01	5					10	8.54	6.52	2.02	39.9		
M3427-05	1	No	4.30	7.20	21.50	0.01	8.52	6.94	-	0	7560	pH Adjusted
M3427-05	2					0.05	8.48	6.46	2.02	7980		
M3427-05	3					0.1	8.42	5.35	3.07	7140		
M3427-05	4					0.5	8.38	0.98	-	0		
M3427-05	5					1	8.02	0.30	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB115846

WorkList Name : bod81321 WorkList ID : 151416 Department : Wet-Chemistry Date : 08-13-2021 14:27:06

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/14/2021	Water	M3391-01	F BOD5	Cool 4 deg C	PSEG03	D51	FRAC-TANK-F06031	08/12/2021	SM5210 B
08/14/2021	Water	M3411-01	B BOD5	Cool 4 deg C	ARDM01	D11	EFF-VW	08/12/2021	SM5210 B
08/15/2021	Water	M3427-01	C BOD5	Cool 4 deg C	HOLL01	D52	EFFLUENT	08/13/2021	SM5210 B
08/15/2021	Water	M3427-05	B BOD5	Cool 4 deg C	HOLL01	D52	INFLUENT	08/13/2021	SM5210 B

Date/Time 08/13/21 15:40
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: JDL(WC)

Date/Time 08/13/21 17:20
 Raw Sample Received by: JDL(WC)
 Raw Sample Relinquished by: KS(WC)