

QC BATCH ID: LB117314

BOD Water: WP93857

Starch: W2703

Sulfuric acid, 1N: WP91648

POLYSEED: WP93859

GGA: WP93858

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: WP93693

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: 8.70

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.85

After Incubation

Meter Calibration2: 8.99

Barometric Pressure2: 760 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.75



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INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:25

TIME OUT: 12:30

DATE IN: 11/10/2021

DATE OUT: 11/15/2021

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
LB117314BL	1	No	6.4	N/A	20.60	300	8.83	8.70	0.13	0.13	0.13	
POLYSEED	1					10	8.80	4.91	3.89	0.78	0.66	
POLYSEED	2					15	8.78	3.89	4.89	0.65		
POLYSEED	3					20	8.77	3.19	5.58	0.56		
GGA	1					6	8.83	4.25	4.58	196	212.17	
GGA	2					6	8.82	3.99	4.83	208.5		
GGA	3					6	8.80	3.50	5.3	232		
M4608-01	1	No	5.00	7.20	21.30	5	8.80	8.11	-	0		pH Adjusted
M4608-01	2					20	8.78	8.03	-	0		
M4608-01	3					50	8.76	7.88	-	0		
M4608-01	4					150	8.74	6.81	-	0		
M4608-03	1	No	6.37	N/A	21.40	5	8.82	7.84	-	0		
M4608-03	2					20	8.80	7.45	-	0		
M4608-03	3					50	8.78	7.34	-	0		
M4608-03	4					150	8.76	6.80	-	0		
M4608-03DUP	1	No	6.37	N/A	21.40	5	8.80	7.85	-	0		
M4608-03DUP	2					20	8.78	7.48	-	0		
M4608-03DUP	3					50	8.76	7.35	-	0		
M4608-03DUP	4					150	8.75	6.82	-	0		
M4608-06	1	No	6.31	N/A	21.20	5	8.83	8.69	-	0		
M4608-06	2					20	8.82	8.42	-	0		
M4608-06	3					50	8.80	7.52	-	0		
M4608-06	4					150	8.78	6.98	-	0		
M4622-01	1	No	8.49	7.20	20.40	1	8.80	7.63	-	0	21.9	pH Adjusted
M4622-01	2					5	8.78	7.60	-	0		
M4622-01	3					10	8.75	7.43	-	0		
M4622-01	4					20	8.74	6.62	2.12	21.9		

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

WORKLIST(Hardcopy Internal Chain)

LB117314

WorkList Name : BOD111021-1 WorkList ID : 154206 Department : Wet-Chemistry Date : 11-10-2021 16:57:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/11/2021	Water	M4608-01	BOD5	Cool 4 deg C	LOCK01	D11	FIELD-BLANK-20211109	11/09/2021	SM5210 B
11/11/2021	Water	M4608-03	BOD5	Cool 4 deg C	LOCK01	D11	SY-6-20211109	11/09/2021	SM5210 B
11/11/2021	Water	M4608-06	BOD5	Cool 4 deg C	LOCK01	D11	SY-3DD-20211109	11/09/2021	SM5210 B
11/12/2021	Water	M4622-01	BOD5	Cool 4 deg C	INFR01	D11	WEEKLY-OUTFALL-002	11/10/2021	SM5210 B

Date/Time 11/10/21 17:00
Raw Sample Received by: KS (WC)
Raw Sample Relinquished by: JD (SM)

Date/Time 11/10/21 17:30
Raw Sample Received by: JD (SM)
Raw Sample Relinquished by: KS (WC)