

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 03/26/2021**QC BATCH ID:** LB113703**BOD Water:** WP90207**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** WP88904**POLYSEED:** WP90209**NaOH, 1N:** WP89699**GGA:** WP90208**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP90097

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.0	9	9
WINKLER 2	WINKLER 2	2	300	9.0	18.0	9	9

Meter Calibration1: 8.82Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)Barometric Pressure1: 750 mmHgWinkler titrated BOD fluid DO reading1: 9.10**After Incubation**Meter Calibration2: 8.68Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 9.05



QC BATCH ID: LB113703

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:30

TIME OUT: 10:30

DATE IN: 03/26/2021

DATE OUT: 03/31/2021

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
LB113703BL	1	No	6.0	N/A	21.20	300	9.10	9.00	0.1	0.1	0.1	
POLYSEED	1					10	9.10	4.11	4.99	1	0.88	
POLYSEED	2					15	9.06	2.67	6.39	0.85		
POLYSEED	3					20	9.06	1.09	7.97	0.8		
GGA	1					6	9.00	3.75	5.25	218.5	182.83	
GGA	2					6	8.99	4.77	4.22	167		
GGA	3					6	9.01	4.87	4.14	163		
M1803-02	1	No	5.2	7.2	18.20	0.5	9.07	7.85	-	0	464.33	pH Adjusted
M1803-02	2					1	9.01	6.18	2.83	585		
M1803-02	3					2	9.06	5.22	3.84	444		
M1803-02	4					3	9.04	4.52	4.52	364		
M1803-02DUP	1	No	5.2	7.2	18.20	0.5	9.05	7.80	-	0	466.33	pH Adjusted
M1803-02DUP	2					1	9.00	6.15	2.85	591		
M1803-02DUP	3					2	9.04	5.20	3.84	444		
M1803-02DUP	4					3	9.02	4.50	4.52	364		
M1809-05	1	No	6.98	N/A	20.60	1	9.03	8.01	-	0	5.58	
M1809-05	2					5	9.02	7.10	-	0		
M1809-05	3					20	8.79	7.05	-	0		
M1809-05	4					50	8.29	6.40	-	0		
M1809-05	5					150	6.09	2.42	3.67	5.58		

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

WORKLIST(Hardcopy Internal Chain)

LB 113703

WorkList Name : BOD-32621 WorkList ID : 147492 Department : Wet-Chemistry Date : 03-26-2021 08:36:41

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/26/2021	Water	M1803-02	BOD5	Cool 4 deg C	ARAM01	L11	COMP	03/24/2021	SM5210 B
03/27/2021	Water	M1809-05	BOD5	Cool 4 deg C	PSEG03	J61	DRUM-4	03/25/2021	SM5210 B

Date/Time 03/26/21 11:30
 Received by: KS (Wetchem)
 Relinquished by: AM West Chem

Date/Time 03/26/21 12:35
 Received by: AM West Chem
 Relinquished by: KS (Wetchem)