

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 04/02/2021**QC BATCH ID:** LB113801**BOD Water:** WP90298**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** WP88904**POLYSEED:** WP90299**NaOH, 1N:** WP89699**GGA:** WP90300**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	8.7	8.7	8.85
WINKLER 2	WINKLER 2	2	300	8.7	17.7	9	8.85

Meter Calibration1: 8.76Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.91**After Incubation**Meter Calibration2: 8.72Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHgWinkler titrated BOD fluid DO reading2: 8.86



QC BATCH ID: LB113801

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:20

TIME OUT: 10:50

DATE IN: 04/02/2021

DATE OUT: 04/07/2021

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
LB113801BL	1	No	6.0	N/A	20.70	300	8.91	8.83	0.08	0.08	0.08	
POLYSEED	1					10	8.91	4.66	4.25	0.85	0.75	
POLYSEED	2					15	8.81	3.52	5.29	0.71		
POLYSEED	3					20	8.77	1.81	6.96	0.7		
GGA	1					6	8.82	4.27	4.55	190	193.5	
GGA	2					6	8.82	4.20	4.62	193.5		
GGA	3					6	8.81	4.12	4.69	197		
M1902-01	1	No	7.0	N/A	20.80	0.2	8.82	7.92	-	0	782.25	
M1902-01	2					0.5	8.83	7.34	-	0		
M1902-01	3					1	8.80	5.57	3.23	744		
M1902-01	4					2	8.72	2.50	6.22	820.5		
M1902-05	1	No	4.5	7.2	21.00	0.05	8.88	6.98	-	0	7470	pH Adjusted
M1902-05	2					0.1	8.87	5.85	3.02	6810		
M1902-05	3					0.2	8.85	2.68	6.17	8130		
M1902-05	4					0.5	8.83	0.16	-	0		
M1914-01	1	No	6.4	N/A	18.50	5	8.90	8.23	-	0	13.44	
M1914-01	2					10	8.87	8.07	-	0		
M1914-01	3					20	8.82	7.65	-	0		
M1914-01	4					50	8.70	5.71	2.99	13.44		
M1914-01DUP	1	No	6.4	N/A	18.50	5	8.89	8.27	-	0	13.86	
M1914-01DUP	2					10	8.87	7.99	-	0		
M1914-01DUP	3					20	8.83	7.62	-	0		
M1914-01DUP	4					50	8.71	5.65	3.06	13.86		
M1914-02	1	No	6.4	N/A	18.50	5	8.89	8.22	-	0	10.2	
M1914-02	2					10	8.83	7.90	-	0		
M1914-02	3					20	8.80	7.49	-	0		
M1914-02	4					50	8.79	6.34	2.45	10.2		

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

LB113801 WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-40221 WorkList ID : 147686 Department : Wet-Chemistry Date : 04-02-2021 08:53:06

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/02/2021	Water	M1902-01 C	BOD5	Cool 4 deg C	HOLL01	L21	EFFLUENT	03/31/2021	SM5210 B
04/02/2021	Water	M1902-05 B	BOD5	Cool 4 deg C	HOLL01	L21	INFLUENT	03/31/2021	SM5210 B
04/03/2021	Water	M1914-01 F	BOD5	Cool 4 deg C	TULL01	L21	001-WILLETS-PT-BLVD(APR)	04/01/2021	SM5210 B
04/03/2021	Water	M1914-02 F	BOD5	Cool 4 deg C	TULL01	L21	002-35TH-AVE(APR)	04/01/2021	SM5210 B

Date/Time 04/02/2021 11:10
 Received by: AMC wet-chem
 Relinquished by: SG (wet-chem)

Date/Time 04/02/2021 12:30
 Received by: SG (wet-chem)
 Relinquished by: AMC wet-chem