

**BOD 7 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 02/09/2021**QC BATCH ID:** LB113078**BOD Water:** WP89459**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** W2609**Sodium Thiosulfate, 0.025N:** WP88904**POLYSEED:** WP89461**NaOH, 0.25N:** WP89214**GGA:** WP89460**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP89399

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	8.8
WINKLER 2	WINKLER 2	2	300	8.7	17.6	8.9	8.8

Meter Calibration1: 8.72Zero DO Reading1: 0.07 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.75**After Incubation**Meter Calibration2: 8.77Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure2: 755 mmHgWinkler titrated BOD fluid DO reading2: 8.64



QC BATCH ID: LB113078

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 17:05

TIME OUT: 12:05

DATE IN: 02/09/2021

DATE OUT: 02/16/2021

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
LB113078BL	1	No	6.0	N/A	21.20	300	8.74	8.62	0.12	0.12	0.12	
POLYSEED	1					10	8.73	4.47	4.26	0.85	0.8	
POLYSEED	2					15	8.69	2.95	5.74	0.77		
POLYSEED	3					20	8.68	1.01	7.67	0.77		
GGA	1					6	8.68	3.55	5.13	216.5	227.83	
GGA	2					6	8.65	3.09	5.56	238		
GGA	3					6	8.65	3.27	5.38	229		
M1342-05	1	No	6.4	N/A	18.20	0.5	8.71	7.05	-	0	420.75	
M1342-05	2					1	8.70	6.62	2.08	384		
M1342-05	3					2	8.69	4.84	3.85	457.5		
M1342-05	4					5	8.66	0.65	-	0		
M1342-05DUP	1	No	6.4	N/A	18.20	0.5	8.70	7.02	-	0	429	
M1342-05DUP	2					1	8.69	6.58	2.11	393		
M1342-05DUP	3					2	8.67	4.77	3.9	465		
M1342-05DUP	4					5	8.65	0.52	-	0		
M1362-05	1	No	6.4	N/A	17.20	0.5	8.69	7.29	-	0	409.05	
M1362-05	2					1	8.67	7.41	-	0		
M1362-05	3					2	8.65	4.94	3.71	436.5		
M1362-05	4					5	8.64	1.48	7.16	381.6		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD7 2921 WorkList ID : 146256 Department : Wet-Chemistry Date : 02-09-2021 13:17:34

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/10/2021	Water	M1342-05 ✓	BOD_7	Cool 4 deg C	AMER08	G31	BOD	02/08/2021	SM5210 B
02/11/2021	Water	M1362-05 ✓	BOD_7	Cool 4 deg C	AMER08	G61	BOD	02/09/2021	SM5210 B

Date/Time 02/09/21 16:50
 Received by: KS (Wetche)
 Relinquished by: KS (Wetche)

Date/Time 02/09/21 17:10
 Received by: KS (Wetche)
 Relinquished by: KS (Wetche)