

**BOD 7 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 02/11/2021**QC BATCH ID:** LB113104**BOD Water:** WP89475**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** W2609**Sodium Thiosulfate, 0.025N:** WP88904**POLYSEED:** WP89476**NaOH, 0.25N:** WP89214**GGA:** WP89477**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	9.0	9	8.9
WINKLER 2	WINKLER 2	2	300	9.0	17.8	8.8	8.9

Meter Calibration1: 8.84Zero DO Reading1: 0.05 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.82**After Incubation**Meter Calibration2: 8.79Zero DO Reading2: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHgWinkler titrated BOD fluid DO reading2: 8.77



QC BATCH ID: LB113104

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 17:20

TIME OUT: 11:30

DATE IN: 02/11/2021

DATE OUT: 02/18/2021

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
LB113104BL	1	No	6.0	N/A	20.70	300	8.82	8.72	0.1	0.1	0.1	
POLYSEED	1					10	8.79	5.79	3	0.6	0.72	
POLYSEED	2					15	8.76	2.75	6.01	0.8		
POLYSEED	3					20	8.71	1.09	7.62	0.76		
GGA	1					6	8.78	3.58	5.2	224	220.83	
GGA	2					6	8.78	3.91	4.87	207.5		
GGA	3					6	8.78	3.44	5.34	231		
M1376-05	1	No	6.4	N/A	21.20	0.5	8.79	6.22	2.57	1110	922.5	
M1376-05	2					1	8.78	5.14	3.64	876		
M1376-05	3					2	8.75	2.82	5.93	781.5		
M1376-05	4					5	8.70	0.23	-	0		
M1376-05DUP	1	No	6.4	N/A	21.20	0.5	8.76	6.24	2.52	1080	904.5	
M1376-05DUP	2					1	8.72	5.20	3.52	840		
M1376-05DUP	3					2	8.70	2.69	6.01	793.5		
M1376-05DUP	4					5	8.69	0.21	-	0		
M1390-05	1	No	6.4	N/A	21.10	0.5	8.76	7.77	-	0	435.45	
M1390-05	2					1	8.71	6.75	-	0		
M1390-05	3					2	8.70	4.27	4.43	556.5		
M1390-05	4					5	8.69	2.73	5.96	314.4		

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

LB113104

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD7-21121 WorkList ID : 146313 Department : Wet-Chemistry Date : 02-11-2021 12:46:10

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/12/2021	Water	M1376-05	BOD_7	Cool 4 deg C	AMER08	G41	BOD	02/10/2021	SM5210 B
02/13/2021	Water	M1390-05	BOD_7	Cool 4 deg C	AMER08	G61	BOD	02/11/2021	SM5210 B

Date/Time 2/11/2021 16:20
Received by: AMCwetchem
Relinquished by: KS (wetchem)

Date/Time 2/11/2021 17:46
Received by: KS (wetchem)
Relinquished by: AMCwetchem