

**BOD 7 LOG****Analysis Date:** 02/04/2020**QC BATCH ID:** LB107536**ANALYST:** Alexander**BOD Water:** WP81813**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP81814**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP81815**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2430**IncubatorID:** INCUBATOR #3**pH Strips:** W2644**Zero DO:** WP81261

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	8.6
WINKLER 2	WINKLER 2	2	300	8.7	17.2	8.5	8.6

Meter Calibration1 : 8.60Zero DO Reading1 : 0.04 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.60Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)



QC BATCH ID: LB107536

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:30

TIME OUT: 10:30

DATE IN: 02/04/2020

DATE OUT: 02/11/2020

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
LB107536BL	1	No	6.0	N/A	21.20	300	8.59	8.48	0.11	0.11	0.11	
POLYSEED	1					10	8.49	4.83	3.66	0.73	0.69	
POLYSEED	2					15	8.41	3.70	4.71	0.63		
POLYSEED	3					20	8.34	1.11	7.23	0.72		
GGA	1					6	8.47	3.96	4.51	191	191	
GGA	2					6	8.47	3.80	4.67	199	199	
GGA	3					6	8.47	3.73	4.74	202.5	202.5	
L1374-05	1	No	6.4	N/A	21.10	0.1	8.52	7.55	-	0	441	
L1374-05	2					0.5	8.50	6.88	-	0		
L1374-05	3					2	8.49	4.22	4.27	537		
L1374-05	4					5	8.49	2.05	6.44	345		
L1374-05DUP	1	No	6.4	N/A	21.10	0.1	8.51	7.45	-	0	396.75	
L1374-05DUP	2					0.5	8.50	6.62	-	0		
L1374-05DUP	3					2	8.50	4.88	3.62	439.5		
L1374-05DUP	4					5	8.49	1.90	6.59	354		
L1389-05	1	No	6.4	N/A	18.20	0.1	8.51	7.94	-	0	303	
L1389-05	2					0.5	8.50	6.78	-	0		
L1389-05	3					2	8.50	5.83	2.67	297		
L1389-05	4					5	8.48	2.64	5.84	309		

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

LB107536
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD7-2042020 WorkList ID : 135680 Department : Wet-Chemistry Date : 02-04-2020 08:52:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/05/2020	Water	L1374-05	BOD_7	1:1 HNO3 to p	AMER08	L11	BOD	02/03/2020	SM5210 B
02/06/2020	Water	L1389-05	BOD_7	Cool 4 deg C	AMER08	L23	BOD	02/04/2020	SM5210 B

Date/Time 2/04/2020 14:50
 Received by: AM
 Relinquished by: SO

Date/Time 2/04/2020 15:40
 Received by: JO
 Relinquished by: AM