

**BOD5 LOG****Analysis Date:** 01/15/2020**QC BATCH ID:** LB107168**ANALYST:** Alexander**BOD Water:** WP81207**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP81209**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP81208**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	9.2	9.2	9.15
WINKLER 2	WINKLER 2	2	300	9.2	18.3	9.1	9.15

Meter Calibration1 : 9.15

Zero DO Reading1 : 0.05 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 9.15

Zero DO Reading2 : 0.05 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB107168

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 12:30

TIME OUT: 12:35

DATE IN: 01/15/2020

DATE OUT: 01/20/2020

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
LB107168BL	1	No	6.0	N/A	20.10	300	9.14	9.02	0.12	0.12	0.12	
POLYSEED	1					10	9.10	4.24	4.86	0.97	0.9	
POLYSEED	2					15	9.08	2.01	7.07	0.94		
POLYSEED	3					20	9.02	1.27	7.75	0.78		
GGA	1					6	9.07	3.78	5.29	219.5	219.5	
GGA	2					6	9.10	3.60	5.5	230	230	
GGA	3					6	9.10	4.16	4.94	202	202	
L1116-02	1	No	6.8	N/A	19.80	5	9.12	8.35	-	0		
L1116-02	2					20	9.13	8.04	-	0		
L1116-02	3					50	9.14	7.77	-	0		
L1116-02	4					150	9.13	7.22	-	0		
L1116-03	1	No	6.8	N/A	20.00	5	9.13	8.12	-	0		
L1116-03	2					20	9.12	7.63	-	0		
L1116-03	3					50	9.14	7.27	-	0		
L1116-03	4					150	9.12	7.22	-	0		
L1116-04	1	No	6.8	N/A	20.10	5	9.11	8.53	-	0		
L1116-04	2					20	9.07	8.50	-	0		
L1116-04	3					50	8.93	7.37	-	0		
L1116-04	4					150	8.49	7.02	-	0		
L1143-01	1	No	6.4	N/A	17.60	0.05	9.10	7.31	-	0	3186	
L1143-01	2					0.1	9.12	7.07	2.05	3450		
L1143-01	3					0.5	9.12	3.35	5.77	2922		
L1143-01	4					2	9.09	0.09	-	0		
L1143-01	5					10	8.80	0.07	-	0		
L1143-01DUP	1	No	6.4	N/A	17.50	0.05	9.10	7.28	-	0	2940	
L1143-01DUP	2					0.1	9.15	7.08	2.07	3510		
L1143-01DUP	3					0.5	9.13	4.28	4.85	2370		
L1143-01DUP	4					2	9.09	0.12	-	0		
L1143-01DUP	5					10	8.85	0.06	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod 11116 WorkList ID : 135028 Department : Wet-Chemistry Date : 01-15-2020 08:09:39

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/15/2020	Water	L1116-02	BOD5	Cool 4 deg C	SHAW22	I21	KY038PS027-200113	01/13/2020	SM5210 B
01/15/2020	Water	L1116-03	BOD5	Cool 4 deg C	SHAW22	I21	KY038PS037-200113	01/13/2020	SM5210 B
01/15/2020	Water	L1116-04	BOD5	Cool 4 deg C	SHAW22	I21	KY038PS038-200113	01/13/2020	SM5210 B
01/17/2020	Water	L1143-01	BOD5	Cool 4 deg C	MAJO01	I23	DRAIN-WATER-TANK-1	01/15/2020	SM5210 B

Date/Time 01-15-2020 12:15
 Received by: AK
 Relinquished by: SD

Date/Time 01-15-2020 13:44
 Received by: SD
 Relinquished by: AK