

**BOD5 LOG****Analysis Date:** 10/07/2020**QC BATCH ID:** LB111357**ANALYST:** Alexander**BOD Water:** WP87308**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2742**POLYSEED:** WP87309**Sodium Thiosulfate, 0.025N:** WP86633**GGA:** WP87310**NaOH, 0.25N:** WP86593**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**Zero DO:** WP85368

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 : 0.02 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.60Zero DO Reading2 : 0.03 mg/L (<=0.2 Criteria)



QC BATCH ID: LB111357

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 08:15

TIME OUT: 13:10

DATE IN: 10/07/2020

DATE OUT: 10/12/2020

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
LB111357BL	1	No	6.0	N/A	21.20	300	8.60	8.53	0.07	0.07	0.07	
POLYSEED	1					10	8.56	5.14	3.42	0.68	0.71	
POLYSEED	2					15	8.54	3.29	5.25	0.7		
POLYSEED	3					20	8.53	1.17	7.36	0.74		
GGA	1					6	8.58	4.04	4.54	191.5	191.5	
GGA	2					6	8.59	3.92	4.67	198	198	
GGA	3					6	8.58	3.87	4.71	200	200	
L4276-01	1	No	6.4	N/A	18.20	5	8.59	8.09	-	0		
L4276-01	2					20	8.58	8.12	-	0		
L4276-01	3					50	8.54	7.74	-	0		
L4276-01	4					150	8.26	7.82	-	0		
L4276-01DUP	1	No	6.4	N/A	18.20	5	8.58	8.12	-	0		
L4276-01DUP	2					20	8.57	8.04	-	0		
L4276-01DUP	3					50	8.53	7.85	-	0		
L4276-01DUP	4					150	8.27	7.70	-	0		
L4280-01	1	No	6.0	N/A	17.20	1	8.59	8.57	-	0		
L4280-01	2					5	8.58	8.32	-	0		
L4280-01	3					20	8.57	7.97	-	0		
L4280-01	4					50	8.56	8.14	-	0		
L4280-01	5					150	8.55	7.92	-	0		
L4288-02	1	No	7.6	N/A	17.50	2	8.59	7.92	-	0	63.39	
L4288-02	2					10	8.57	4.92	3.65	88.2		
L4288-02	3					50	8.41	1.27	7.14	38.58		
L4288-02	4					100	8.13	0.12	-	0		

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

LB11357

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-100720 WorkList ID : 143022 Department : Wet-Chemistry Date : 10-07-2020 07:17:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/07/2020	Water	L4276-01G	BOD5	Cool 4 deg C	GFEL01	O12	MW4D	10/05/2020	SM5210 B
10/08/2020	Water	L4280-01G	BOD5	Cool 4 deg C	PSEG01	O31	10-6-HSFRAC	10/06/2020	SM5210 B
10/08/2020	Water	L4288-02 A	BOD5	Cool 4 deg C	M&MM01	O41	FE-19C	10/06/2020	SM5210 B

Date/Time 10/07/2020 7:20
Received by: KS (Wetchem)
Relinquished by: KS (Wetchem)

Date/Time 10/07/2020 8:20
Received by: KS (Wetchem)
Relinquished by: KS (Wetchem)