

**BOD5 LOG****Analysis Date:** 02/07/2020**QC BATCH ID:** LB107649**ANALYST:** Alexander**BOD Water:** WP81936**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP81938**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP81939**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	8.5	8.5	8.7
WINKLER 2	WINKLER 2	2	300	8.5	17.4	8.9	8.7

Meter Calibration1 : 8.70Zero DO Reading1 : 0.04 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.70Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)



QC BATCH ID: LB107649

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:30

TIME OUT: 10:50

DATE IN: 02/07/2020

DATE OUT: 02/12/2020

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
LB107649BL	1	No	6.0	N/A	21.10	300	8.69	8.51	0.18	0.18	0.18	
POLYSEED	1					10	8.58	5.21	3.37	0.67	0.64	
POLYSEED	2					15	8.46	3.74	4.72	0.63		
POLYSEED	3					20	8.37	2.08	6.29	0.63		
GGA	1					6	8.60	4.14	4.46	191	191	
GGA	2					6	8.59	4.10	4.49	192.5	192.5	
GGA	3					6	8.59	4.07	4.52	194	194	
L1454-01	1	No	7.2	N/A	21.20	0.5	8.59	3.72	4.87	2538	2101.5	
L1454-01	2					1	8.59	2.40	6.19	1665		
L1454-01	3					2	8.59	0.68	-	0		
L1454-01	4					5	8.51	0.05	-	0		
L1454-01	5					10	8.59	0.03	-	0		
L1454-01DUP	1	No	7.2	N/A	21.20	0.5	8.59	3.78	4.81	2502	2080.5	
L1454-01DUP	2					1	8.59	2.42	6.17	1659		
L1454-01DUP	3					2	8.59	0.57	-	0		
L1454-01DUP	4					5	8.52	0.05	-	0		
L1454-01DUP	5					10	8.39	0.02	-	0		
L1454-05	1	No	5.2	N/A	21.60	0.01	8.64	7.20	-	0	7755	
L1454-05	2					0.05	8.64	6.41	2.23	9540		
L1454-05	3					0.1	8.64	6.01	2.63	5970		
L1454-05	4					0.5	8.63	0.09	-	0		
L1454-05	5					1	8.63	0.04	-	0		
L1456-01	1	No	7.0	N/A	21.20	5	8.63	7.20	-	0		
L1456-01	2					20	8.59	7.05	-	0		
L1456-01	3					50	8.52	6.85	-	0		
L1456-01	4					150	8.30	6.50	-	0		

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

LB107649
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-2072020-2 WorkList ID : 135884 Department : Wet-Chemistry Date : 02-07-2020 17:06:44

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/08/2020	Water	L1454-01 C	BOD5	Cool 4 deg C	HOLL01	L41	EFFLUENT	02/06/2020	SM5210 B
02/08/2020	Water	L1454-05 B	BOD5	Cool 4 deg C	HOLL01	L41	INFLUENT	02/06/2020	SM5210 B
02/09/2020	Water	L1456-01	BOD5	Cool 4 deg C	PSEG01	I62	FM-5213	02/07/2020	SM5210 B

Date/Time 2/07/2020 14:55
Received by: AM
Relinquished by: CP

Date/Time 2/07/2020 15:40
Received by: CP
Relinquished by: AM