

**BOD5 LOG****Analysis Date:** 01/08/2020**QC BATCH ID:** LB107078**ANALYST:** Alexander**BOD Water:** WP81044**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP81045**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP81046**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2430**IncubatorID:** Incubator-3**pH Strips:** W2644**Zero DO:** WP80479

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.8
WINKLER 2	WINKLER 2	2	300	8.9	17.6	8.7	8.8

Meter Calibration1 : 8.80Zero DO Reading1 : 0.04 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.80Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)

QC BATCH ID: LB107078

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 15:50

TIME OUT: 10:25

DATE IN: 01/08/2020

DATE OUT: 01/13/2020

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
LB107078BL	1	No	6.0	N/A	21.10	300	8.79	8.72	0.07	0.07	0.07	
POLYSEED	1					10	8.70	4.30	4.4	0.88	0.7	
POLYSEED	2					15	8.69	3.87	4.82	0.64		
POLYSEED	3					20	8.59	2.87	5.72	0.57		
GGA	1					6	8.65	4.28	4.37	183.5	183.5	
GGA	2					6	8.65	3.52	5.13	221.5	221.5	
GGA	3					6	8.65	3.82	4.83	206.5	206.5	
L1044-01	1	No	6.4	N/A	20.10	0.5	8.70	7.32	-	0	94.5	
L1044-01	2					1	8.69	7.28	-	0		
L1044-01	3					2	8.70	7.16	-	0		
L1044-01	4					5	8.66	6.14	2.52	109.2		
L1044-01	5					10	8.60	5.24	3.36	79.8		
L1044-02	1	No	6.4	N/A	20.10	0.5	8.71	7.78	-	0	107.7	
L1044-02	2					1	8.71	7.73	-	0		
L1044-02	3					2	8.67	6.70	-	0		
L1044-02	4					5	8.63	6.33	2.3	96		
L1044-02	5					10	8.58	3.90	4.68	119.4		
L1047-01	1	No	8.0	N/A	20.70	5	8.65	7.86	-	0		
L1047-01	2					20	8.65	7.59	-	0		
L1047-01	3					50	8.62	7.52	-	0		
L1047-01	4					150	8.52	7.48	-	0		
L1047-01DUP	1	No	8.0	N/A	20.70	5	8.64	7.87	-	0		
L1047-01DUP	2					20	8.60	7.72	-	0		
L1047-01DUP	3					50	8.60	7.48	-	0		
L1047-01DUP	4					150	8.51	6.92	-	0		
L1055-02	1	No	6.8	N/A	21.10	5	8.64	8.24	-	0		
L1055-02	2					20	8.63	7.63	-	0		
L1055-02	3					50	8.64	7.54	-	0		
L1055-02	4					150	8.64	7.48	-	0		
L1061-02	1	No	6.8	N/A	17.00	0.5	8.68	3.81	4.87	2502	2049	
L1061-02	2					1	8.68	2.66	6.02	1596		
L1061-02	3					2	8.65	0.93	-	0		
L1061-02	4					3	8.50	0.06	-	0		

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

LB107078

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD1082020 WorkList ID : 134854 Department : Wet-Chemistry Date : 01-08-2020 08:55:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/09/2020	Water	L1044-01	BOD5	Cool 4 deg C	TULL01	F41	001-WILLETS-PT-BLVD-(JAN)	01/07/2020	SM5210 B
01/09/2020	Water	L1044-02	BOD5	Cool 4 deg C	TULL01	F41	002-35TH-AVE-(JAN)	01/07/2020	SM5210 B
01/09/2020	Water	L1047-01	BOD5	Cool 4 deg C	PSEG01	I12	FMI109	01/07/2020	SM5210 B
01/09/2020	Water	L1055-02	BOD5	Cool 4 deg C	SHAW22	F41	OUTFALL001-200107	01/07/2020	SM5210 B
01/10/2020	Water	L1061-02	BOD5	Cool 4 deg C	ARAM01	I11	COMP	01/08/2020	SM5210 B

Date/Time 1/08/2020 14:00
 Received by: AM
 Relinquished by: AS

Date/Time 1/08/2020 16:20
 Received by: AS
 Relinquished by: AM