

**BOD5 LOG****Analysis Date:** 04/02/2020**QC BATCH ID:** LB108561**ANALYST:** Alexander**BOD Water:** WP83264**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP83265**Sodium Thiosulfate, 0.025N:** WP82690**GGA:** WP83266**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2543**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	8.6	8.6	8.5
WINKLER 2	WINKLER 2	2	300	8.6	17.0	8.4	8.5

Meter Calibration1 : 8.50

Zero DO Reading1 : 0.04 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.50

Zero DO Reading2 : 0.04 mg/L (≤ 0.2 Criteria)

QC BATCH ID: LB108561

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:10

TIME OUT: 11:20

DATE IN: 04/02/2020

DATE OUT: 04/07/2020

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
LB108561BL	1	No	6.0	N/A	21.70	300	8.50	8.49	0.01	0.01	0.01	
POLYSEED	1					10	8.39	4.57	3.82	0.76	0.72	
POLYSEED	2					15	8.36	3.31	5.05	0.67		
POLYSEED	3					20	8.32	1.02	7.3	0.73		
GGA	1					6	8.42	4.29	4.13	170.5	170.5	
GGA	2					6	8.42	4.24	4.18	173	173	
GGA	3					6	8.42	4.11	4.31	179.5	179.5	
L2126-01	1	No	6.40	N/A	20.90	5	8.45	7.66	-	0		
L2126-01	2					20	8.39	7.59	-	0		
L2126-01	3					50	8.27	7.57	-	0		
L2126-01	4					150	7.75	7.09	-	0		
L2126-01DUP	1	No	6.40	N/A	20.90	5	8.47	7.81	-	0		
L2126-01DUP	2					20	8.38	7.62	-	0		
L2126-01DUP	3					50	8.31	7.60	-	0		
L2126-01DUP	4					150	7.82	7.11	-	0		
L2126-02	1	No	11.28	7.2	20.90	1	8.46	8.09	-	0		pH Adjusted
L2126-02	2					5	8.46	8.04	-	0		
L2126-02	3					20	8.46	7.92	-	0		
L2126-02	4					50	8.42	7.90	-	0		
L2126-02	5					150	8.26	7.88	-	0		
L2128-01	1	No	6.8	N/A	21.00	0.5	8.45	6.58	-	0	628.83	
L2128-01	2					1	8.40	5.55	2.85	639		
L2128-01	3					2	8.40	3.81	4.59	580.5		
L2128-01	4					3	8.40	1.01	7.39	667		

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

LB108561

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-4022020

WorkList ID : 137569

Department : Wet-Chemistry

Date : 04-02-2020 16:01:28

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/03/2020	Water	L2126-01	BOD5	Cool 4 deg C	PSEG01	G12	2-5-1	04/01/2020	SM5210 B
04/03/2020	Water	L2126-02	BOD5	Cool 4 deg C	PSEG01	G12	2-4-1	04/01/2020	SM5210 B
04/03/2020	Water	L2128-01	BOD5	Cool 4 deg C	ARAM01	G11	COMP	04/01/2020	SM5210 B

Date/Time 4/02/2020 15:30
Received by: Am
Relinquished by: JS

Date/Time 4/02/2020 16:20
Received by: JS
Relinquished by: Am