

**BOD5 LOG****Analysis Date:** 04/16/2020**QC BATCH ID:** LB108744**ANALYST:** Alexander**BOD Water:** WP83521**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP83522**Sodium Thiosulfate, 0.025N:** WP83473**GGA:** WP83523**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	8.5	8.5	8.6
WINKLER 2	WINKLER 2	2	300	8.5	17.2	8.7	8.6

Meter Calibration1 : 8.60

Zero DO Reading1 : 0.03 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.60

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



QC BATCH ID: LB108744

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 11:10

TIME OUT: 10:55

DATE IN: 04/16/2020

DATE OUT: 04/21/2020

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
LB108744BL	1	No	6.0	N/A	22.00	300	8.59	8.52	0.07	0.07	0.07	
POLYSEED	1					10	8.52	5.02	3.5	0.7	0.7	
POLYSEED	2					15	8.48	3.38	5.1	0.68		
POLYSEED	3					20	8.44	1.20	7.24	0.72		
GGA	1					6	8.46	4.26	4.2	175	175	
GGA	2					6	8.46	4.06	4.4	185	185	
GGA	3					6	8.46	3.85	4.61	195.5	195.5	
L2279-07	1	No	6.8	N/A	20.70	1	8.51	6.18	2.33	489	170.11	
L2279-07	2					5	8.40	5.57	2.83	127.8		
L2279-07	3					20	8.32	5.20	3.12	36.3		
L2279-07	4					50	8.12	2.86	5.26	27.36		
L2279-07	5					150	7.11	0.14	-	0		
L2309-01	1	No	7.2	N/A	20.70	0.5	8.50	6.86	-	0	524.17	
L2309-01	2					1	8.50	6.00	2.5	540		
L2309-01	3					2	8.50	4.45	4.05	502.5		
L2309-01	4					3	8.47	2.47	6	530		
L2309-01DUP	1	No	7.2	N/A	20.70	0.5	8.50	6.90	-	0	526.83	
L2309-01DUP	2					1	8.50	5.97	2.53	549		
L2309-01DUP	3					2	8.49	4.50	3.99	493.5		
L2309-01DUP	4					3	8.46	2.38	6.08	538		

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

LB108744
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-41620 WorkList ID : 137922 Department : Wet-Chemistry Date : 04-15-2020 17:28:08

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/16/2020	Water	L2279-07	BOD5	Cool 4 deg C	PSEG01	H31	OILY-WATER	04/14/2020	SM5210 B
04/17/2020	Water	L2309-01	BOD5	Cool 4 deg C	ARAM01	H41	COMP	04/15/2020	SM5210 B

Date/Time 4/16/2020 10:05
Received by: AM
Relinquished by: CR

Date/Time 4/16/2020 11:15
Received by: [Signature]
Relinquished by: AM