

**BOD5 LOG****Analysis Date:** 05/28/2020**QC BATCH ID:** LB109354**ANALYST:** Alexander**BOD Water:** WP84479**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP84481**Sodium Thiosulfate, 0.025N:** WP83473**GGA:** WP84480**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	9.0	9	9.1
WINKLER 2	WINKLER 2	2	300	9.0	18.2	9.2	9.1

Meter Calibration1 : 9.10

Zero DO Reading1 : 0.06 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 9.10

Zero DO Reading2 : 0.06 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB109354

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:05

TIME OUT: 12:10

DATE IN: 05/28/2020

DATE OUT: 06/02/2020

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
LB109354BL	1	No	6.0	N/A	22.70	300	9.10	8.95	0.15	0.15	0.15	
POLYSEED	1					10	9.07	4.85	4.22	0.84	0.8	
POLYSEED	2					15	9.08	2.96	6.12	0.82		
POLYSEED	3					20	9.08	1.75	7.33	0.73		
GGA	1					6	9.04	4.09	4.95	207.5	207.5	
GGA	2					6	9.04	3.85	5.19	219.5	219.5	
GGA	3					6	9.05	3.81	5.24	222	222	
L2774-01	1	No	6.8	N/A	20.10	0.5	9.09	7.88	-	0	307.25	
L2774-01	2					1	9.08	7.45	-	0		
L2774-01	3					2	9.04	6.17	2.87	310.5		
L2774-01	4					3	9.02	5.18	3.84	304		
L2774-01DUP	1	No	6.8	N/A	20.10	0.5	9.10	7.85	-	0	310.75	
L2774-01DUP	2					1	9.09	7.19	-	0		
L2774-01DUP	3					2	9.07	6.12	2.95	322.5		
L2774-01DUP	4					3	9.01	5.22	3.79	299		
L2796-06	1	No	7.6	N/A	22.90	5	8.93	7.75	-	0	5.18	
L2796-06	2					20	8.83	7.60	-	0		
L2796-06	3					50	8.49	7.04	-	0		
L2796-06	4					150	7.36	3.97	3.39	5.18		

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

LB109354

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod 12774 WorkList ID : 139104 Department : Wet-Chemistry Date : 05-28-2020 08:03:53

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/29/2020	Water	L2774-01	BOD5	Cool 4 deg C	ARAM01	N23	COMP	05/27/2020	SM5210 B
05/30/2020	Water	L2796-06	BOD5	Cool 4 deg C	PSEG01	N33	N48963	05/28/2020	SM5210 B

Date/Time 05-28-2020 16:30
Received by: JP
Relinquished by: AM

Date/Time 05/28/2020 17:35
Received by: AM
Relinquished by: JO