

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 06/04/2021**QC BATCH ID:** LB114796**BOD Water:** WP91456**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** WP90938**POLYSEED:** WP91458**NaOH, 1N:** WP89699**GGA:** WP91457**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP91130

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: 8.24Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.82**After Incubation**Meter Calibration2: 8.23Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.78



QC BATCH ID: LB114796

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:20

TIME OUT: 12:10

DATE IN: 06/04/2021

DATE OUT: 06/09/2021

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
LB114796BL	1	No	6.09	N/A	22.50	300	8.82	8.76	0.06	0.06	0.06	
POLYSEED	1					10	8.79	4.96	3.83	0.77	0.74	
POLYSEED	2					15	8.76	3.54	5.22	0.7		
POLYSEED	3					20	8.75	1.31	7.44	0.74		
GGA	1					6	8.80	3.98	4.82	204	205	
GGA	2					6	8.80	3.92	4.88	207		
GGA	3					6	8.79	3.97	4.82	204		
M2615-01	1	No	7.68	N/A	22.30	5	8.81	7.85	-	0	5.84	
M2615-01	2					20	8.69	7.25	-	0		
M2615-01	3					50	8.46	7.20	-	0		
M2615-01	4					150	7.36	3.70	3.66	5.84		
M2615-01DUP	1	No	7.68	N/A	22.30	5	8.80	7.90	-	0	5.94	
M2615-01DUP	2					20	8.71	7.18	-	0		
M2615-01DUP	3					50	8.39	7.09	-	0		
M2615-01DUP	4					150	7.29	3.58	3.71	5.94		

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

LB114796
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-60421 WorkList ID : 149488 Department : Wet-Chemistry Date : 06-04-2021 09:23:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/06/2021	Water	M2615-01	BOD5	Cool 4 deg C	PSEG03	G12	1245	06/04/2021	SM5210 B

Date/Time 06/04/2021 16:09
 Raw Sample Received by: AML wet-chem
 Raw Sample Relinquished by: JG Coet-Chern

Date/Time 06/04/2021 17:25
 Raw Sample Received by: JG Coet-Chern
 Raw Sample Relinquished by: AML wet-chem