

**BOD5 LOG****Analysis Date:** 06/24/2020**QC BATCH ID:** LB109725**ANALYST:** Alexander**BOD Water:** WP84972**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP84974**Sodium Thiosulfate, 0.025N:** WP84605**GGA:** WP84973**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2543**IncubatorID:** Incubator-3**pH Strips:** W2716**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 : 8.50Zero DO Reading1 : 0.03 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.50Zero DO Reading2 : 0.06 mg/L (<=0.2 Criteria)



QC BATCH ID: LB109725

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:30

TIME OUT: 11:50

DATE IN: 06/24/2020

DATE OUT: 06/29/2020

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
LB109725BL	1	No	6.0	N/A	17.20	300	8.60	8.35	0.25	0.25	0.25	
POLYSEED	1					10	8.48	5.08	3.4	0.68	0.67	
POLYSEED	2					15	8.47	3.62	4.85	0.65		
POLYSEED	3					20	8.44	1.52	6.92	0.69		
GGA	1					6	8.44	4.16	4.28	180.5	180.5	
GGA	2					6	8.47	4.09	4.38	185.5	185.5	
GGA	3					6	8.46	4.07	4.39	186	186	
L3087-01	1	No	8.6	7.2	23.10	5	8.46	8.40	-	0		pH Adjusted
L3087-01	2					20	8.45	8.36	-	0		
L3087-01	3					50	8.40	8.28	-	0		
L3087-01	4					150	8.19	7.93	-	0		
L3087-01DUP	1	No	8.6	7.2	23.20	5	8.47	8.42	-	0		pH Adjusted
L3087-01DUP	2					20	8.46	8.28	-	0		
L3087-01DUP	3					50	8.41	8.19	-	0		
L3087-01DUP	4					150	8.21	7.90	-	0		
L3108-01	1	No	6.4	N/A	23.30	0.5	8.46	5.97	2.49	1092	1078.5	
L3108-01	2					1	8.47	4.25	4.22	1065		
L3108-01	3					2	8.45	0.62	-	0		
L3108-01	4					3	8.43	0.08	-	0		

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

VR 109725

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD L3087 WorkList ID : 139868 Department : Wet-Chemistry Date : 06-24-2020 08:34:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/25/2020	Water	L3087-01	BOD5	Cool 4 deg C	PSEG01	R11	FM1296	06/23/2020	SM5210 B
06/26/2020	Water	L3108-01 ✓	BOD5	Cool 4 deg C	ARAM01	R31	COMP	06/24/2020	SM5210 B

Date/Time 06/24/2020 17:15
Received by: JS Cwetcher (17)
Relinquished by: JS Cwetcher (17)

Date/Time 06/24/2020 18:30
Received by: KS Cwetcher (17)
Relinquished by: JS Cwetcher (17)