

**BOD5 LOG****Analysis Date:** 09/01/2020**QC BATCH ID:** LB110771**ANALYST:** Alexander**BOD Water:** WP86567**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP86568**Sodium Thiosulfate, 0.025N:** WP86633**GGA:** WP86569**NaOH, 0.25N:** WP86593**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**Zero DO:** WP85367

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

Meter Calibration2 : 8.60

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



QC BATCH ID: LB110771

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 14:40

TIME OUT: 10:05

DATE IN: 09/01/2020

DATE OUT: 09/06/2020

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
LB110771BL	1	No	6.0	N/A	22.70	300	8.60	8.52	0.08	0.08	0.08	
POLYSEED	1					10	8.55	4.79	3.76	0.75	0.73	
POLYSEED	2					15	8.51	2.87	5.64	0.75		
POLYSEED	3					20	8.49	1.45	7.04	0.7		
GGA	1					6	8.58	4.19	4.39	183	183	
GGA	2					6	8.58	4.11	4.47	187	187	
GGA	3					6	8.58	3.97	4.61	194	194	
L3854-06	1	No	8.0	N/A	22.80	5	8.59	7.00	-	0	10.13	
L3854-06	2					20	8.56	6.85	-	0		
L3854-06	3					50	8.35	5.87	2.48	10.5		
L3854-06	4					150	7.75	2.14	5.61	9.76		
L3854-06DUP	1	No	8.0	N/A	22.80	5	8.58	7.02	-	0	10.31	
L3854-06DUP	2					20	8.55	6.90	-	0		
L3854-06DUP	3					50	8.38	5.88	2.5	10.62		
L3854-06DUP	4					150	7.82	2.09	5.73	10		
L3879-01	1	No	7.6	N/A	22.30	0.5	8.58	7.18	-	0	91.65	
L3879-01	2					1	8.58	6.82	-	0		
L3879-01	3					2	8.57	6.70	-	0		
L3879-01	4					5	8.57	6.06	2.51	106.8		
L3879-01	5					10	8.55	5.27	3.28	76.5		
L3879-05	1	No	4.95	N/A	22.30	0.01	8.59	7.41	-	0	7680	
L3879-05	2					0.05	8.59	6.40	2.19	8760		
L3879-05	3					0.1	8.59	5.66	2.93	6600		
L3879-05	4					0.5	8.58	0.23	-	0		
L3879-05	5					1	8.58	0.08	-	0		

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

LB110771

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-90120

WorkList ID : 141942

Department : Wet-Chemistry

Date : 09-01-2020 10:33:37

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/02/2020	Water	L3854-06 <u>B</u>	BOD5	Cool 4 deg C	PSEG01	L62	1332-FM648	08/31/2020	SM5210 B
09/02/2020	Water	L3879-01 <u>C</u>	BOD5	Cool 4 deg C	HOLL01	M11	EFFLUENT	08/31/2020	SM5210 B
09/02/2020	Water	L3879-05 <u>B</u>	BOD5	Cool 4 deg C	HOLL01	M11	INFLUENT	08/31/2020	SM5210 B

Date/Time 9/01/2020 13:45
Received by: Am(wetchem)
Relinquished by: JA (wetchem)

Date/Time 9/01/2020 17:50
Received by: JA (wetchem)
Relinquished by: Am(wetchem)