

**BOD5 LOG****Analysis Date:** 09/23/2020**QC BATCH ID:** LB111118**ANALYST:** Alexander**BOD Water:** WP86958**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2742**POLYSEED:** WP86959**Sodium Thiosulfate, 0.025N:** WP86633**GGA:** WP86957**NaOH, 0.25N:** WP85693**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	9.00	9	8.8
WINKLER 2	WINKLER 2	2	300	9.00	17.60	8.6	8.8

Meter Calibration1 : 8.80Zero DO Reading1 : 0.02 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.80Zero DO Reading2 : 0.03 mg/L (<=0.2 Criteria)



QC BATCH ID: LB111118

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 15:40

TIME OUT: 12:15

DATE IN: 09/23/2020

DATE OUT: 09/28/2020

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
LB111118BL	1	No	6.0	N/A	21.20	300	8.80	8.80	0	0	0	
POLYSEED	1					10	8.70	5.04	3.66	0.73	0.72	
POLYSEED	2					15	8.62	3.21	5.41	0.72		
POLYSEED	3					20	8.53	1.39	7.14	0.71		
GGA	1					6	8.71	4.10	4.61	194.5	194.5	
GGA	2					6	8.72	3.91	4.81	204.5	204.5	
GGA	3					6	8.72	3.52	5.2	224	224	
L4107-01	1	No	7.41	N/A	18.20	5	8.78	8.10	-	0		
L4107-01	2					20	8.75	7.57	-	0		
L4107-01	3					50	8.72	7.40	-	0		
L4107-01	4					150	8.54	6.84	-	0		
L4107-01DUP	1	No	7.41	N/A	18.20	5	8.79	8.12	-	0		
L4107-01DUP	2					20	8.74	7.65	-	0		
L4107-01DUP	3					50	8.70	7.37	-	0		
L4107-01DUP	4					150	8.52	6.92	-	0		
L4116-02	1	No	7.0	N/A	17.20	5	8.79	8.21	-	0		
L4116-02	2					20	8.74	8.04	-	0		
L4116-02	3					50	8.63	7.44	-	0		
L4116-02	4					150	8.14	6.97	-	0		
L4116-03	1	No	6.8	N/A	17.50	5	8.79	8.76	-	0		
L4116-03	2					20	8.77	8.73	-	0		
L4116-03	3					50	8.74	8.72	-	0		
L4116-03	4					150	8.73	8.70	-	0		
L4116-04	1	No	6.4	N/A	18.10	5	8.78	8.62	-	0		
L4116-04	2					20	8.76	8.59	-	0		
L4116-04	3					50	8.75	8.53	-	0		
L4116-04	4					150	8.73	8.38	-	0		
L4121-02	1	No	6.4	N/A	18.20	0.5	8.79	6.75	2.04	792	622.5	
L4121-02	2					1	8.78	6.03	2.75	609		
L4121-02	3					2	8.77	4.94	3.83	466.5		
L4121-02	4					3	8.75	0.86	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod92320

WorkList ID : 142607

Department : Wet-Chemistry

Date : 09-23-2020 13:54:20

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/24/2020	Water	L4107-01	BOD5	Cool 4 deg C	PSEG01	M11	40AA-MH	09/22/2020	SM5210 B
09/24/2020	Water	L4116-02	BOD5	Cool 4 deg C	SHAW22	M12	KY038PS027-200922	09/22/2020	SM5210 B
09/24/2020	Water	L4116-03	BOD5	Cool 4 deg C	SHAW22	M12	KY038PS037-200922	09/22/2020	SM5210 B
09/24/2020	Water	L4116-04	BOD5	Cool 4 deg C	SHAW22	M12	KY038PS038-200922	09/22/2020	SM5210 B
09/25/2020	Water	L4121-02	BOD5	Cool 4 deg C	ARAM01	M13	COMP	09/23/2020	SM5210 B

Date/Time 09/23/2020 14:00
 Received by: KS (webster)
 Relinquished by: JDR (webster)

Date/Time 09/23/2020
 Received by: JDR (webster)
 Relinquished by: KS (webster)