

**BOD5 LOG****Analysis Date:** 09/18/2020**QC BATCH ID:** LB111050**ANALYST:** Alexander**BOD Water:** WP86896**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2742**POLYSEED:** WP86897**Sodium Thiosulfate, 0.025N:** WP86633**GGA:** WP86898**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	8.4	8.4	8.3
WINKLER 2	WINKLER 2	2	300	8.4	16.6	8.2	8.3

Meter Calibration1 : 8.30Zero DO Reading1 : 0.03 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.30Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)



QC BATCH ID: LB111050

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 13:55

TIME OUT: 11:00

DATE IN: 09/18/2020

DATE OUT: 09/23/2020

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
LB111050BL	1	No	6.0	N/A	22.10	300	8.30	8.30	0	0	0	
POLYSEED	1					10	8.30	4.05	4.25	0.85	0.76	
POLYSEED	2					15	8.12	2.54	5.58	0.74		
POLYSEED	3					20	8.05	1.01	7.04	0.7		
GGA	1					6	8.19	3.13	5.06	215	215	
GGA	2					6	8.19	3.16	5.03	213.5	213.5	
GGA	3					6	8.19	3.38	4.81	202.5	202.5	
L4064-03	1	No	7.6	N/A	21.90	5	8.27	7.90	-	0		
L4064-03	2					20	8.27	7.06	-	0		
L4064-03	3					50	8.26	7.01	-	0		
L4064-03	4					150	8.25	7.19	-	0		
L4064-03DUP	1	No	7.6	N/A	21.90	5	8.27	7.56	-	0		
L4064-03DUP	2					20	8.27	7.46	-	0		
L4064-03DUP	3					50	8.26	7.33	-	0		
L4064-03DUP	4					150	8.26	7.21	-	0		
L4088-01	1	No	8.11	7.2	20.90	0.5	8.27	7.29	-	0	81.15	pH Adjusted
L4088-01	2					1	8.27	6.95	-	0		
L4088-01	3					2	8.25	6.73	-	0		
L4088-01	4					5	8.25	6.15	2.1	80.4		
L4088-01	5					10	8.24	4.75	3.49	81.9		
L4088-05	1	No	4.42	7.2	20.80	0.01	8.29	7.55	-	0	10230	pH Adjusted
L4088-05	2					0.05	8.29	6.10	2.19	8580		
L4088-05	3					0.1	8.28	3.56	4.72	11880		
L4088-05	4					0.5	8.28	0.11	-	0		
L4088-05	5					1	8.28	0.04	-	0		

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

LB111050 WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-91820 WorkList ID : 142462 Department : Wet-Chemistry Date : 09-18-2020 12:10:04

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/18/2020	Water	L4064-03 E	BOD5	Cool 4 deg C	SHAW22	P51	OUTFALL001-200916	09/16/2020	SM5210 B
09/19/2020	Water	L4088-01 C	BOD5	Cool 4 deg C	HOLL01	P61	EFFLUENT	09/17/2020	SM5210 B
09/19/2020	Water	L4088-05 B	BOD5	Cool 4 deg C	HOLL01	P61	INFLUENT	09/17/2020	SM5210 B

Date/Time 9/18/2020 15:05
 Received by: Am (wet-chem)
 Relinquished by: CP (sm)

Date/Time 9/18/2020 16:00
 Received by: CP (sm)
 Relinquished by: Am (wet-chem)