



BOD5 LOG

Analysis Date: 09/16/2020

QC BATCH ID: LB111007

ANALYST: Alexander

BOD Water: WP86829

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2742

POLYSEED: WP86831

Sodium Thiosulfate, 0.025N: WP86633

GGA: WP86830

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	8.7	8.7	8.75
WINKLER 2	WINKLER 2	2	300	8.7	17.5	8.8	8.75

Meter Calibration1 : 8.75

Zero DO Reading1 : 0.03 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.75

Zero DO Reading2 : 0.03 mg/L (<=0.2 Criteria)



QC BATCH ID: LB111007

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:00

TIME OUT: 11:00

DATE IN: 09/16/2020

DATE OUT: 09/21/2020

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
LB111007BL	1	No	6.0	N/A	21.20	300	8.75	8.75	0	0	0	
POLYSEED	1					10	8.73	5.16	3.57	0.71	0.8	
POLYSEED	2					15	8.71	1.84	6.87	0.92		
POLYSEED	3					20	8.68	1.02	7.66	0.77		
GGA	1					6	8.69	3.68	5.01	210.5	210.5	
GGA	2					6	8.68	3.97	4.71	195.5	195.5	
GGA	3					6	8.68	3.76	4.92	206	206	
L4031-02	1	No	6.4	N/A	21.20	0.5	8.71	7.66	-	0	210.75	
L4031-02	2					1	8.70	6.88	-	0		
L4031-02	3					2	8.69	6.38	2.31	226.5		
L4031-02	4					3	8.67	5.92	2.75	195		
L4031-02DUP	1	No	6.4	N/A	21.20	0.5	8.71	7.88	-	0	211	
L4031-02DUP	2					1	8.70	7.02	-	0		
L4031-02DUP	3					2	8.69	6.39	2.3	225		
L4031-02DUP	4					3	8.69	5.92	2.77	197		

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

LB11007

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-9162020-2 WorkList ID : 142396 Department : Wet-Chemistry Date : 09-16-2020 16:13:20

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/18/2020	Water	L4031-02	BOD5	Cool 4 deg C	ARAM01	P51	COMP	09/16/2020	SM5210 B

Date/Time 9/16/2020 16:20
Received by: JAL (wrl-chem)
Relinquished by: AM (wrl-chem)

Date/Time 9/16/2020 17:05
Received by: JAL (wrl-chem)
Relinquished by: AM (wrl-chem)