



BOD5 LOG

Analysis Date: 07/09/2020

QC BATCH ID: LB109934

ANALYST: Alexander

BOD Water: WP85295

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP85296

Sodium Thiosulfate, 0.025N: WP84605

GGA: WP85297

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	8.7	8.7	8.6
WINKLER 2	WINKLER 2	2	300	8.7	17.2	8.5	8.6

Meter Calibration1 : 8.60

Zero DO Reading1 : 0.08 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.60

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



QC BATCH ID: LB109934

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:10

TIME OUT: 10:25

DATE IN: 07/09/2020

DATE OUT: 07/14/2020

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
LB109934BL	1	No	6.0	N/A	22.50	300	8.60	8.60	0	0	0	
POLYSEED	1					10	8.58	5.07	3.51	0.7	0.71	
POLYSEED	2					15	8.56	3.22	5.34	0.71		
POLYSEED	3					20	8.51	1.41	7.1	0.71		
GGA	1					6	8.57	4.01	4.56	192.5	192.5	
GGA	2					6	8.57	3.94	4.63	196	196	
GGA	3					6	8.56	3.88	4.68	198.5	198.5	
L3239-02	1	No	6.8	N/A	22.10	5	8.57	8.56	-	0		
L3239-02	2					20	8.57	8.52	-	0		
L3239-02	3					50	8.57	8.49	-	0		
L3239-02	4					150	8.57	8.48	-	0		
L3239-02DUP	1	No	6.8	N/A	22.10	5	8.57	8.55	-	0		
L3239-02DUP	2					20	8.57	8.51	-	0		
L3239-02DUP	3					50	8.57	8.50	-	0		
L3239-02DUP	4					150	8.57	8.49	-	0		
L3240-01	1	No	6.8	N/A	22.40	0.5	8.58	8.11	-	0	688.5	
L3240-01	2					1	8.57	5.92	2.65	582		
L3240-01	3					2	8.57	2.56	6.01	795		
L3240-01	4					3	8.55	0.56	-	0		
L3265-01	1	No	8.8	7.2	18.20	0.5	8.58	7.96	-	0	540.3	pH Adjuste
L3265-01	2					1	8.58	5.45	3.13	726		
L3265-01	3					5	8.56	1.94	6.62	354.6		
L3265-01	4					20	8.56	0.62	-	0		
L3265-01	5					50	8.48	0.12	-	0		
L3267-01	1	No	6.4	N/A	18.20	0.1	8.58	8.11	-	0	1260	
L3267-01	2					0.5	8.56	6.85	-	0		
L3267-01	3					1	8.56	3.65	4.91	1260		
L3267-01	4					5	8.56	0.56	-	0		
L3267-01	5					20	8.29	0.08	-	0		

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

LB109939

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-70920 WorkList ID : 140273 Department : Wet-Chemistry Date : 07-09-2020 08:51:53

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/09/2020	Water	L3239-02 B	BOD5	Cool 4 deg C	SHAW22	P51	OUTFALL001-200707	07/07/2020	SM5210 B
07/10/2020	Water	L3240-01	BOD5	Cool 4 deg C	ARAM01	P41	COMP	07/08/2020	SM5210 B
07/11/2020	Water	L3265-01 B	BOD5	Cool 4 deg C	PHAR02	P41	15220032-1	07/09/2020	SM5210 B
07/11/2020	Water	L3267-01 B	BOD5	Cool 4 deg C	PHAR02	P31	32220008-3	07/09/2020	SM5210 B

Date/Time 7/09/2020 15:25
 Received by: ATM Wet Chem
 Relinquished by: JO (Wet Chem)

Date/Time 7/09/2020 16:15
 Received by: JO (Wet Chem)
 Relinquished by: ATM Wet Chem