



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 12/04/2020

QC BATCH ID: LB112238

BOD Water: WP88433

Starch: W2703

Conc Sulfuric Acid: W2609

POLYSEED: WP88434

GGA: WP88435

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2520

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP87313

NaOH, 0.25N: WP86593

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP88411

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.68

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.84

After Incubation

Meter Calibration2: 8.61

Barometric Pressure2: 755 mmHg

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.75



QC BATCH ID: LB112238

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 16:05

TIME OUT: 12:25

DATE IN: 12/04/2020

DATE OUT: 12/09/2020

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
LB112238BL	1	No	6.0	N/A	22.10	300	8.85	8.74	0.11	0.11	0.11	
POLYSEED	1					10	8.82	5.09	3.73	0.75	0.71	
POLYSEED	2					15	8.80	3.52	5.28	0.7		
POLYSEED	3					20	8.77	1.97	6.8	0.68		
GGA	1					6	8.81	3.69	5.12	220.5	220.5	
GGA	2					6	8.81	3.95	4.86	207.5	207.5	
GGA	3					6	8.79	4.09	4.7	199.5	199.5	
L4962-01	1	No	7.0	N/A	18.10	5	8.82	7.65	-	0		
L4962-01	2					20	8.81	7.64	-	0		
L4962-01	3					50	8.80	7.63	-	0		
L4962-01	4					150	8.79	7.62	-	0		
L4962-01DUP	1	No	7.0	N/A	18.10	5	8.83	7.92	-	0		
L4962-01DUP	2					20	8.81	7.77	-	0		
L4962-01DUP	3					50	8.80	7.60	-	0		
L4962-01DUP	4					150	8.78	7.58	-	0		
L4962-02	1	No	7.0	N/A	18.50	5	8.84	7.81	-	0		
L4962-02	2					20	8.83	7.80	-	0		
L4962-02	3					50	8.80	7.59	-	0		
L4962-02	4					150	8.78	7.57	-	0		

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

LB112238
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-120420 WorkList ID : 144676 Department : Wet-Chemistry Date : 12-04-2020 08:57:44

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/05/2020	Water	L4962-01 F	BOD5	Cool 4 deg C	LOCK01	J61	MW-2	12/03/2020	SM5210 B
12/05/2020	Water	L4962-02 F	BOD5	Cool 4 deg C	LOCK01	J61	MW-4	12/03/2020	SM5210 B

Date/Time 12/04/2020 14:50
Received by: AML(wet-chem)
Relinquished by: SD/604 (Chom)

Date/Time 12/04/2020 16:10
Received by: SD/604 (Chom)
Relinquished by: AML(wet-chem)