



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 02/25/2021

QC BATCH ID: LB113265

BOD Water: WP89655

Starch: W2703

Sulfuric acid, 1N: W2609

POLYSEED: WP89657

GGA: WP89656

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP88904

NaOH, 0.25N: WP89214

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP89399

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	8.9
WINKLER 2	WINKLER 2	2	300	8.8	17.8	9	8.9

Meter Calibration1: 8.84

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 9.07

After Incubation

Meter Calibration2: 8.88

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.05 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.99



QC BATCH ID: LB113265

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:15

TIME OUT: 12:10

DATE IN: 02/25/2021

DATE OUT: 03/02/2021

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
LB113265BL	1	No	6.0	N/A	21.10	300	9.06	8.89	0.17	0.17	0.17	
POLYSEED	1					10	9.05	4.65	4.4	0.88	0.77	
POLYSEED	2					15	9.01	3.67	5.34	0.71		
POLYSEED	3					20	8.99	1.77	7.22	0.72		
GGA	1					6	9.02	4.17	4.85	204	209.83	
GGA	2					6	9.01	4.08	4.93	208		
GGA	3					6	9.01	3.89	5.12	217.5		
M1479-02	1	No	7.0	N/A	21.80	0.5	9.03	7.54	-	0	319.75	
M1479-02	2					1	9.03	7.08	-	0		
M1479-02	3					2	9.03	6.11	2.92	322.5		
M1479-02	4					3	9.02	5.08	3.94	317		
M1479-02DUP	1	No	7.0	N/A	21.80	0.5	9.06	7.65	-	0	332.5	
M1479-02DUP	2					1	9.04	7.17	-	0		
M1479-02DUP	3					2	9.03	5.86	3.17	360		
M1479-02DUP	4					3	9.02	5.20	3.82	305		

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

LAB 13265

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-22521 WorkList ID : 146655 Department : Wet-Chemistry Date : 02-25-2021 10:12:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/26/2021	Water	M1479-02 B	BOD5	Cool 4 deg C	ARAM01	H11	COMP	02/24/2021	SM5210 B

Date/Time 02/25/2021 15:10
Received by: AMCwet-chem
Relinquished by: KS (Wetchem)

Date/Time 02/28/2021 16:20
Received by: KS (Wetchem)
Relinquished by: AMCwet-chem