



BOD Soluble LOG

ANALYST: Alexander

SUPERVISOR: apatel

QC BATCH ID: LB112660

Analysis Date: 01/06/2021

BOD Water: WP88855

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2703

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: W2609

Sodium Thiosulfate, 0.025N: WP87313

POLYSEED: WP88857

NaOH, 0.25N: WP86593

GGA: WP88856

IncubatorID: INCUBATOR #3

Chlorine Strips: W2543

GuageID: 0511064

pH Strips: W2716

Zero DO: WP88838

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	8.65
WINKLER 2	WINKLER 2	2	300	8.7	17.3	8.6	8.65

Meter Calibration1: 8.75

Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 8.82

After Incubation

Meter Calibration2: 8.81

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.76



QC BATCH ID: LB112660

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 16:25

TIME OUT: 10:50

DATE IN: 01/06/2021

DATE OUT: 01/11/2021

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
LB112660BL	1	No	6.0	N/A	21.20	300	8.81	8.72	0.09	0.09	0.09	
POLYSEED	1					10	8.74	5.10	3.64	0.73	0.76	
POLYSEED	2					15	8.69	2.77	5.92	0.79		
POLYSEED	3					20	8.68	1.05	7.63	0.76		
GGA	1					6	8.83	3.90	4.93	208.5	189.5	
GGA	2					6	8.81	4.44	4.37	180.5		
GGA	3					6	8.82	4.47	4.35	179.5		
M1009-01	1	No	8.0	N/A	20.70	2	8.82	8.08	-	0	32.52	
M1009-01	2					10	8.81	7.15	-	0		
M1009-01	3					50	8.38	2.20	6.18	32.52		
M1009-01	4					100	7.69	0.42	-	0		
M1009-01DUP	1	No	8.0	N/A	20.70	2	8.82	8.07	-	0	32.16	
M1009-01DUP	2					10	8.76	7.12	-	0		
M1009-01DUP	3					50	8.34	2.22	6.12	32.16		
M1009-01DUP	4					100	7.72	0.38	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD SOL1621 WorkList ID : 145444 Department : Wet-Chemistry Date : 01-06-2021 13:42:35

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/07/2021	Water	M1009-01	BOD Soluble	Cool 4 deg C	M&MM01	M63	FE-19C-SOLUBLE	01/05/2021	SM5210 B

Date/Time 1/06/2021 15:10
 Received by: KS (wetchem)
 Relinquished by: AM (wetchem)

Date/Time 1/06/2021 16:30
 Received by: AM (wetchem)
 Relinquished by: KS (wetchem)