



BOD Soluble LOG

ANALYST: Alexander

SUPERVISOR: apatel

QC BATCH ID: LB113869

Analysis Date: 04/07/2021

BOD Water: WP90380

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2703

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: WP88863

Sodium Thiosulfate, 0.025N: WP90315

POLYSEED: WP90382

NaOH, 1N: WP89214

GGA: WP90381

IncubatorID: INCUBATOR #3

Chlorine Strips: W2543

GuageID: 0511064

pH Strips: W2716

Zero DO: WP90097

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.0	9	8.85
WINKLER 2	WINKLER 2	2	300	9.0	17.7	8.7	8.85

Meter Calibration1: 8.80

Zero DO Reading1: 0.07 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 8.93

After Incubation

Meter Calibration2: 8.80

Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

Winkler titrated BOD fluid DO reading2: 8.86



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INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 17:20

TIME OUT: 17:00

DATE IN: 04/07/2021

DATE OUT: 04/12/2021

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
LB113869BL	1	No	6.0	N/A	21.20	300	8.92	8.80	0.12	0.12	0.12	
POLYSEED	1					10	8.86	4.26	4.6	0.92	0.79	
POLYSEED	2					15	8.81	3.61	5.2	0.69		
POLYSEED	3					20	8.79	1.20	7.59	0.76		
GGA	1					6	8.80	4.28	4.52	186.5	178.83	
GGA	2					6	8.78	4.93	3.85	153		
GGA	3					6	8.77	4.04	4.73	197		
M1962-01	1	No	8.0	N/A	20.30	2	8.82	8.55	-	0	24.96	
M1962-01	2					10	8.75	7.83	-	0		
M1962-01	3					20	8.70	6.55	2.15	20.4		
M1962-01	4					50	8.60	2.89	5.71	29.52		
M1962-01DUP	1	No	8.0	N/A	20.30	2	8.83	8.52	-	0	25.3	
M1962-01DUP	2					10	8.76	7.72	-	0		
M1962-01DUP	3					20	8.68	6.50	2.18	20.85		
M1962-01DUP	4					50	8.57	2.82	5.75	29.76		

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

LB113869
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-soluble-40721 WorkList ID : 147823 Department : Wet-Chemistry Date : 04-07-2021 13:06:06

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/08/2021	Water	M1962-01	A BOD Soluble	Cool 4 deg C	M&MM01	Air Lab	FE-19C-SOLUBLE	04/06/2021	SM5210 B

Date/Time 04/07/2021 16:30
Raw Sample Received by: AM(Guest-Chem)
Raw Sample Relinquished by: KS (watcher)

Date/Time 04/07/2021 17:25
Raw Sample Received by: KS (watcher)
Raw Sample Relinquished by: AM(watcher)