

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 03/11/2021**QC BATCH ID:** LB113466**BOD Water:** WP89908**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** W2609**Sodium Thiosulfate, 0.025N:** WP88904**POLYSEED:** WP89909**NaOH, 1N:** WP89699**GGA:** WP89910**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP89776, WP89913

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.85

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

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 8.98

After Incubation

Meter Calibration2: 8.88

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

Barometric Pressure2: 771 mmHg

Winkler titrated BOD fluid DO reading2: 8.94

QC BATCH ID: LB113466

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 11:30

TIME OUT: 10:45

DATE IN: 03/11/2021

DATE OUT: 03/16/2021

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
LB113466BL	1	No	6.0	N/A	20.80	300	8.98	8.91	0.07	0.07	0.07	
POLYSEED	1					10	8.94	4.55	4.39	0.88	0.76	
POLYSEED	2					15	8.93	3.54	5.39	0.72		
POLYSEED	3					20	8.92	2.14	6.78	0.68		
GGA	1					6	8.90	4.01	4.89	206.5	206.17	
GGA	2					6	8.90	4.19	4.71	197.5		
GGA	3					6	8.89	3.84	5.05	214.5		
M1612-01	1	No	5.0	7.2	20.70	0.05	8.96	7.74	-	0	4518	pH Adjusted
M1612-01	2					0.1	8.93	6.51	2.42	4980		
M1612-01	3					0.5	8.91	1.39	7.52	4056		
M1612-01	4					2	8.90	0.10	-	0		
M1612-01	5					10	8.68	0.06	-	0		
M1641-02	1	No	6.0	N/A	21.10	0.5	8.95	6.25	2.7	1164	1183.5	
M1641-02	2					1	8.93	4.16	4.77	1203		
M1641-02	3					2	8.90	0.18	-	0		
M1641-02	4					3	8.86	0.11	-	0		
M1641-02DUP	1	No	6.0	N/A	21.10	0.5	8.96	6.18	2.78	1212	1200	
M1641-02DUP	2					1	8.92	4.20	4.72	1188		
M1641-02DUP	3					2	8.91	0.20	-	0		
M1641-02DUP	4					3	8.89	0.12	-	0		

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

LB13466

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-31121

WorkList ID : 147064

Department : Wet-Chemistry

Date : 03-11-2021 09:12:29

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/11/2021	Water	M1612-01	BOD5	Cool 4 deg C	MAJO01	J21	DRAIN-WATER-TANK-1	03/09/2021	SM5210 B
03/12/2021	Water	M1641-02 <u>B</u>	BOD5	Cool 4 deg C	ARAM01	J22	COMP	03/10/2021	SM5210 B

Date/Time 03/11/2021 10:05

Received by: AM (wet-chem)

Relinquished by: SP (wet-chem)

Date/Time 03/11/2021 11:40

Received by: SP (wet-chem)

Relinquished by: AM (wet-chem)