

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 02/19/2021**QC BATCH ID:** LB113203**BOD Water:** WP89583**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** W2609**Sodium Thiosulfate, 0.025N:** WP88904**POLYSEED:** WP89584**NaOH, 0.25N:** WP89214**GGA:** WP89585**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**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: 8.82Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 9.08**After Incubation**Meter Calibration2: 8.68Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.99



QC BATCH ID: LB113203

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 17:35

TIME OUT: 12:20

DATE IN: 02/19/2021

DATE OUT: 02/24/2021

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
LB113203BL	1	No	6.0	N/A	21.20	300	9.07	8.94	0.13	0.13	0.13	
POLYSEED	1					10	9.04	5.51	3.53	0.71	0.71	
POLYSEED	2					15	9.01	3.90	5.11	0.68		
POLYSEED	3					20	8.98	1.48	7.5	0.75		
GGA	1					6	9.02	4.52	4.5	189.5	215.17	
GGA	2					6	8.99	3.83	5.16	222.5		
GGA	3					6	8.99	3.61	5.38	233.5		
M1455-01	1	No	7.0	N/A	21.70	0.1	9.07	7.90	-	0	656.25	
M1455-01	2					0.2	9.06	7.72	-	0		
M1455-01	3					0.5	9.03	7.51	-	0		
M1455-01	4					1	9.01	6.06	2.95	672		
M1455-01	5					2	8.99	4.01	4.98	640.5		
M1455-01DUP	1	No	7.0	N/A	21.70	0.1	9.06	7.84	-	0	669.75	
M1455-01DUP	2					0.2	9.05	7.65	-	0		
M1455-01DUP	3					0.5	9.03	7.49	-	0		
M1455-01DUP	4					1	9.03	6.02	3.01	690		
M1455-01DUP	5					2	9.02	3.98	5.04	649.5		
M1455-05	1	No	6.0	N/A	21.30	0.05	9.05	7.14	-	0	7882.5	
M1455-05	2					0.1	9.03	5.60	3.43	8160		
M1455-05	3					0.2	9.01	3.23	5.78	7605		
M1455-05	4					0.5	9.00	0.17	-	0		
M1455-05	5					1	8.97	0.12	-	0		

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

18113203

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-21921

WorkList ID : 146533

Department : Wet-Chemistry

Date : 02-19-2021 11:25:02

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/20/2021	Water	M1455-01 C	BOD5	Cool 4 deg C	HOLL01	H11	EFFLUENT	02/18/2021	SM5210 B
02/20/2021	Water	M1455-05 B	BOD5	Cool 4 deg C	HOLL01	H11	INFLUENT	02/18/2021	SM5210 B

Date/Time 02/19/2021 17:00
 Received by: AMC (wetchem)
 Relinquished by: KS (wetchem)

Date/Time 02/19/2021 17:40
 Received by: KS (wetchem)
 Relinquished by: AMC (wetchem)