

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 03/04/2021**QC BATCH ID:** LB113361**BOD Water:** WP89771**Starch:** W2703**Sulfuric acid, 1N:** W2609**POLYSEED:** WP89773**GGA:** WP89772**Chlorine Strips:** W2543**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2520**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** WP88904**NaOH, 1N:** WP89699**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP89776

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	8.7
WINKLER 2	WINKLER 2	2	300	8.8	17.4	8.6	8.7

Meter Calibration1: 8.81

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.82

After Incubation

Meter Calibration2: 8.86

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.78



QC BATCH ID: LB113361

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 16:30

TIME OUT: 10:50

DATE IN: 03/04/2021

DATE OUT: 03/09/2021

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
LB113361BL	1	No	6.0	N/A	21.20	300	8.82	8.70	0.12	0.12	0.12	
POLYSEED	1					10	8.81	6.17	2.64	0.53	0.63	
POLYSEED	2					15	8.73	3.66	5.07	0.68		
POLYSEED	3					20	8.67	1.80	6.87	0.69		
GGA	1					6	8.77	4.04	4.73	205	202.33	
GGA	2					6	8.77	4.49	4.28	182.5		
GGA	3					6	8.77	3.75	5.02	219.5		
M1561-03	1	No	2.8	7.2	20.90	5	8.78	8.03	-	0	20.3	pH Adjusted
M1561-03	2					20	8.77	6.75	2.02	20.85		
M1561-03	3					50	8.77	4.85	3.92	19.74		
M1561-03	4					150	8.77	0.25	-	0		
M1562-02	1	No	7.6	N/A	21.50	0.5	8.77	7.80	-	0	527	
M1562-02	2					1	8.75	6.91	-	0		
M1562-02	3					2	8.74	4.39	4.35	558		
M1562-02	4					3	8.73	3.14	5.59	496		
M1562-02DUP	1	No	7.6	N/A	21.50	0.5	8.77	7.79	-	0	526.75	
M1562-02DUP	2					1	8.76	6.88	-	0		
M1562-02DUP	3					2	8.74	4.42	4.32	553.5		
M1562-02DUP	4					3	8.73	3.10	5.63	500		
M1563-01	1	No	6.4	N/A	21.30	5	8.75	7.84	-	0	22.16	
M1563-01	2					10	8.74	7.22	-	0		
M1563-01	3					20	8.67	6.49	2.18	23.25		
M1563-01	4					50	8.36	4.22	4.14	21.06		
M1563-02	1	No	6.4	N/A	21.30	5	8.79	7.48	-	0	29.39	
M1563-02	2					10	8.71	7.23	-	0		
M1563-02	3					20	8.64	5.72	2.92	34.35		
M1563-02	4					50	8.34	3.64	4.7	24.42		

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

LB113361 WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-30421 WorkList ID : 146895 Department : Wet-Chemistry Date : 03-04-2021 15:25:33

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/05/2021	Water	M1562-02 B	BOD5	Cool 4 deg C	ARAM01	I21	COMP	03/03/2021	SM5210 B
03/05/2021	Water	M1563-01 F	BOD5	Cool 4 deg C	TULL01	I23	001-WILLETTS-PT-BLVD(MAR)	03/03/2021	SM5210 B
03/05/2021	Water	M1563-02 F	BOD5	Cool 4 deg C	TULL01	I23	002-35TH-AVE(MAR)	03/03/2021	SM5210 B

Date/Time 03/04/2021 15:30
 Received by: AMCwt-chem
 Relinquished by: SP/Coat-Chem

Date/Time 03/04/2021 16:40
 Received by: SP/Coat-Chem
 Relinquished by: AMCwt-chem