

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 01/08/2021**QC BATCH ID:** LB112697**BOD Water:** WP88985**Starch:** W2703**Sulfuric acid, 1N:** W2609**POLYSEED:** WP88986**GGA:** WP88987**Chlorine Strips:** W2543**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** WP88904**NaOH, 0.25N:** WP86593**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**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	8.8	8.8	8.75
WINKLER 2	WINKLER 2	2	300	8.8	17.5	8.7	8.75

Meter Calibration1: 8.80

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.62

After Incubation

Meter Calibration2: 8.60

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.13 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.57



QC BATCH ID: LB112697

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 11:35

TIME OUT: 11:20

DATE IN: 01/08/2021

DATE OUT: 01/13/2021

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
LB112697BL	1	No	6.0	N/A	20.20	300	8.62	8.52	0.1	0.1	0.1	
POLYSEED	1					10	8.52	5.77	2.75	0.55	0.61	
POLYSEED	2					15	8.48	3.89	4.59	0.61		
POLYSEED	3					20	8.40	1.78	6.62	0.66		
GGA	1					6	8.60	4.10	4.5	194.5	192.83	
GGA	2					6	8.60	3.94	4.66	202.5		
GGA	3					6	8.61	4.37	4.24	181.5		
M1029-02	1	No	6.8	N/A	21.10	0.5	8.62	7.33	-	0	246.25	
M1029-02	2					1	8.61	6.96	-	0		
M1029-02	3					2	8.61	6.31	2.3	253.5		
M1029-02	4					3	8.60	5.60	3	239		
M1029-02DUP	1	No	6.8	N/A	21.10	0.5	8.62	7.20	-	0	239.25	
M1029-02DUP	2					1	8.59	6.98	-	0		
M1029-02DUP	3					2	8.52	6.28	2.24	244.5		
M1029-02DUP	4					3	8.52	5.57	2.95	234		
M1032-01	1	No	6.4	N/A	21.10	5	8.62	7.07	-	0	21.7	
M1032-01	2					10	8.59	6.94	-	0		
M1032-01	3					20	8.52	6.32	2.2	23.85		
M1032-01	4					50	8.16	4.29	3.87	19.56		
M1032-02	1	No	6.4	N/A	21.10	5	8.60	7.01	-	0	23.14	
M1032-02	2					10	8.57	6.66	-	0		
M1032-02	3					20	8.56	6.30	2.26	24.75		
M1032-02	4					50	8.08	3.88	4.2	21.54		
M1045-03	1	No	6.8	N/A	20.70	0.5	8.61	7.77	-	0	239.55	
M1045-03	2					1	8.59	7.23	-	0		
M1045-03	3					2	8.58	6.38	2.2	238.5		
M1045-03	4					5	8.56	3.94	4.62	240.6		
M1045-03	5					10	8.52	0.79	-	0		
M1045-04	1	No	4.6	7.2	20.90	0.01	8.61	7.58	-	0	4524	pH Adjuster
M1045-04	2					0.05	8.59	6.78	-	0		
M1045-04	3					0.1	8.61	6.34	2.27	4980		
M1045-04	4					0.5	8.59	1.20	7.39	4068		
M1045-04	5					1	8.59	0.60	-	0		
M1046-01	1	No	8.0	N/A	21.70	1	8.59	8.09	-	0	9	
M1046-01	2					5	8.58	7.77	-	0		
M1046-01	3					20	8.58	7.48	-	0		
M1046-01	4					50	8.58	6.47	2.11	9		

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

WORKLIST(Hardcopy Internal Chain)

LB112697

WorkList Name : BOD-10821 WorkList ID : 145510 Department : Wet-Chemistry Date : 01-08-2021 08:58:41

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/08/2021	Water	M1029-02	BOD5	Cool 4 deg C	ARAM01	M43	COMP	01/06/2021	SM5210 B
01/08/2021	Water	M1032-01	BOD5	Cool 4 deg C	TULL01	M61	001-WILLETS-PT-BLVD(JAN)	01/06/2021	SM5210 B
01/08/2021	Water	M1032-02	BOD5	Cool 4 deg C	TULL01	M61	002-35TH-AVE(JAN)	01/06/2021	SM5210 B
01/09/2021	Water	M1045-03	BOD5	Cool 4 deg C	HOLL01	F41	EFFLUENT	01/07/2021	SM5210 B
01/09/2021	Water	M1045-04	BOD5	Cool 4 deg C	HOLL01	F41	INFLUENT	01/07/2021	SM5210 B
01/09/2021	Water	M1046-01	BOD5	Cool 4 deg C	TULL02	F12	SUPPLEM-GW-SAMP-1-BAR	01/07/2021	SM5210 B

Date/Time 1/08/2021 11:05
 Received by: AmCwet-chem
 Relinquished by: SB Coet Chem

Date/Time 1/08/2021 11:40
 Received by: SB Coet Chem
 Relinquished by: AmCwet-chem