

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 06/11/2021**QC BATCH ID:** LB114923**BOD Water:** WP91607**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** WP90938**POLYSEED:** WP91609**NaOH, 1N:** WP89699**GGA:** WP91608**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP91586

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.5	8.5	8.45
WINKLER 2	WINKLER 2	2	300	8.5	16.9	8.4	8.45

Meter Calibration1: 8.63

Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 8.40

After Incubation

Meter Calibration2: 8.74

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

Barometric Pressure2: 760 mmHg

Winkler titrated BOD fluid DO reading2: 8.39



QC BATCH ID: LB114923

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:20

TIME OUT: 11:40

DATE IN: 06/11/2021

DATE OUT: 06/16/2021

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
LB114923BL	1	No	6.08	N/A	22.10	300	8.40	8.36	0.04	0.04	0.04	
POLYSEED	1					10	8.38	4.21	4.17	0.83	0.74	
POLYSEED	2					15	8.35	2.99	5.36	0.71		
POLYSEED	3					20	8.34	1.57	6.77	0.68		
GGA	1					6	8.35	4.21	4.14	170	184	
GGA	2					6	8.35	3.86	4.49	187.5		
GGA	3					6	8.34	3.71	4.63	194.5		
M2699-01	1	No	6.25	N/A	21.80	1	8.39	7.86	-	0	7.72	
M2699-01	2					5	8.38	7.53	-	0		
M2699-01	3					20	8.37	6.47	-	0		
M2699-01	4					50	8.35	6.28	2.07	7.98		
M2699-01	5					100	8.31	5.08	3.23	7.47		
M2699-01DUP	1	No	6.25	N/A	21.80	1	8.39	7.92	-	0	8.13	
M2699-01DUP	2					5	8.38	7.66	-	0		
M2699-01DUP	3					20	8.36	6.50	-	0		
M2699-01DUP	4					50	8.34	6.18	2.16	8.52		
M2699-01DUP	5					100	8.30	4.98	3.32	7.74		
M2699-02	1	No	6.33	N/A	21.60	1	8.39	7.62	-	0	9.13	
M2699-02	2					5	8.38	7.30	-	0		
M2699-02	3					20	8.36	7.22	-	0		
M2699-02	4					50	8.30	5.83	2.47	10.38		
M2699-02	5					100	8.16	4.79	3.37	7.89		
M2701-01	1	No	8.40	N/A	21.40	0.2	8.38	6.88	-	0	1081.5	
M2701-01	2					0.5	8.36	5.70	2.66	1152		
M2701-01	3					1	8.30	4.19	4.11	1011		
M2701-01	4					2	8.28	0.46	-	0		
M2701-01	5					5	8.20	0.08	-	0		
M2701-04	1	No	4.27	N/A	21.40	0.05	8.39	5.57	2.82	12480	12630	
M2701-04	2					0.1	8.37	3.37	5	12780		
M2701-04	3					0.2	8.37	0.19	-	0		
M2701-04	4					0.5	8.36	0.09	-	0		
M2701-04	5					1	8.35	0.08	-	0		

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

LB14923

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-61121 WorkList ID : 149734 Department : Wet-Chemistry Date : 06-11-2021 08:43:11

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/12/2021	Water	M2699-01	BOD5	Cool 4 deg C	TULL01	F11	001-WILLETTS-PT-BLVD(C	06/10/2021	SM5210 B
06/12/2021	Water	M2699-02	BOD5	Cool 4 deg C	TULL01	F11	002-35TH-AVE(JUN)	06/10/2021	SM5210 B
06/12/2021	Water	M2701-01	BOD5	Cool 4 deg C	HOLL01	F61	EFFLUENT	06/10/2021	SM5210 B
06/12/2021	Water	M2701-04	BOD5	Cool 4 deg C	HOLL01	F61	INFLUENT	06/10/2021	SM5210 B

Date/Time 06/11/2021 16:10
 Raw Sample Received by: AM Cwetchen
 Raw Sample Relinquished by: KS (Cwetchen)

Date/Time 06/11/2021 17:30
 Raw Sample Received by: KS (Cwetchen)
 Raw Sample Relinquished by: AM Cwetchen