

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 05/21/2021**QC BATCH ID:** LB114584**BOD Water:** WP91246**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** WP90938**POLYSEED:** WP91247**NaOH, 1N:** WP89214**GGA:** WP91248**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP91130

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	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.94Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure1: 771 mmHgWinkler titrated BOD fluid DO reading1: 8.90**After Incubation**Meter Calibration2: 8.74Zero DO Reading2: 0.05 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHgWinkler titrated BOD fluid DO reading2: 8.83



QC BATCH ID: LB114584

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 15:15

TIME OUT: 11:05

DATE IN: 05/21/2021

DATE OUT: 05/26/2021

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
LB114584BL	1	No	6.12	N/A	21.60	300	8.90	8.81	0.09	0.09	0.09	
POLYSEED	1					10	8.87	5.07	3.8	0.76	0.74	
POLYSEED	2					15	8.86	3.87	4.99	0.67		
POLYSEED	3					20	8.85	1.07	7.78	0.78		
GGA	1					6	8.87	4.38	4.49	187.5	191.17	
GGA	2					6	8.86	4.24	4.62	194		
GGA	3					6	8.84	4.26	4.58	192		
M2483-01	1	No	6.86	N/A	21.80	5	8.88	8.80	-	0		
M2483-01	2					20	8.88	8.76	-	0		
M2483-01	3					50	8.83	8.70	-	0		
M2483-01	4					150	8.65	8.11	-	0		
M2483-01DUP	1	No	6.86	N/A	21.80	5	8.88	8.78	-	0		
M2483-01DUP	2					20	8.87	8.72	-	0		
M2483-01DUP	3					50	8.82	8.66	-	0		
M2483-01DUP	4					150	8.64	8.00	-	0		
M2483-02	1	No	6.72	N/A	21.70	0.5	8.88	8.02	-	0	461.25	
M2483-02	2					1	8.87	6.40	2.47	519		
M2483-02	3					2	8.86	5.43	3.43	403.5		
M2483-02	4					5	8.86	0.22	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB114584

WorkList Name : BOD52121 WorkList ID : 149143 Department : Wet-Chemistry Date : 05-21-2021 13:09:26

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/22/2021	Water	M2483-01	BOD5	Cool 4 deg C	TRIS02	F11	DSN-001-SEWER-OUTLET	05/20/2021	SM5210 B
05/22/2021	Water	M2483-02	BOD5	Cool 4 deg C	TRIS02	F11	DSN-002-SEWER-OUTLET	05/20/2021	SM5210 B

Date/Time 05/21/2021 14:20
 Raw Sample Received by: Amc wet-chem
 Raw Sample Relinquished by: SA Coey

Date/Time 05/21/2021 15:30
 Raw Sample Received by: SA Coey
 Raw Sample Relinquished by: Amc wet-chem