

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 06/03/2021**QC BATCH ID:** LB114760**BOD Water:** WP91425**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** WP90938**POLYSEED:** WP91426**NaOH, 1N:** WP89699**GGA:** WP91427**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	9.0	9	8.95
WINKLER 2	WINKLER 2	2	300	9.0	17.9	8.9	8.95

Meter Calibration1: 8.31Zero DO Reading1: 0.07 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.84**After Incubation**Meter Calibration2: 8.36Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHgWinkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB114760

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 16:05

TIME OUT: 11:10

DATE IN: 06/03/2021

DATE OUT: 06/08/2021

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
LB114760BL	1	No	6.12	N/A	22.10	300	8.84	8.76	0.08	0.08	0.08	
POLYSEED	1					10	8.80	5.58	3.22	0.64	0.66	
POLYSEED	2					15	8.79	3.97	4.82	0.64		
POLYSEED	3					20	8.78	1.67	7.11	0.71		
GGA	1					6	8.77	4.62	4.15	174.5	183.67	
GGA	2					6	8.77	4.64	4.13	173.5		
GGA	3					6	8.77	4.05	4.72	203		
M2586-02	1	No	6.14	N/A	22.50	0.5	8.81	7.57	-	0	317	
M2586-02	2					1	8.81	7.06	-	0		
M2586-02	3					2	8.78	6.56	2.22	234		
M2586-02	4					3	8.78	4.12	4.66	400		
M2586-02DUP	1	No	6.14	N/A	22.50	0.5	8.81	7.59	-	0	322.75	
M2586-02DUP	2					1	8.81	7.12	-	0		
M2586-02DUP	3					2	8.79	6.50	2.29	244.5		
M2586-02DUP	4					3	8.77	4.10	4.67	401		
M2604-01	1	No	5.01	N/A	22.30	0.5	8.82	5.01	3.81	1890	1804.5	
M2604-01	2					1	8.80	2.41	6.39	1719		
M2604-01	3					2	8.79	0.21	-	0		
M2604-01	4					5	8.78	0.16	-	0		
M2607-01	1	No	6.79	N/A	22.40	1	8.83	6.82	2.01	405	350.4	
M2607-01	2					2	8.82	6.44	2.38	258		
M2607-01	3					5	8.78	1.65	7.13	388.2		
M2607-01	4					10	8.75	0.12	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-60321

WorkList ID : 149469

Department : Wet-Chemistry

Date : 06-03-2021 14:50:36

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/04/2021	Water	M2586-02	BOD5	Cool 4 deg C	ARAM01	F11	COMP	06/02/2021	SM5210 B
06/05/2021	Water	M2604-01	BOD5	Cool 4 deg C	PHAR02	F12	32220008-3	06/03/2021	SM5210 B
06/05/2021	Water	M2607-01	BOD5	Cool 4 deg C	PHAR02	F12	15220012-1	06/03/2021	SM5210 B

Date/Time 06/03/2021 14:55
 Raw Sample Received by: AM (wet-chem)
 Raw Sample Relinquished by: KS (wet-chem)

Date/Time 06/03/2021 16:10
 Raw Sample Received by: KS (wet-chem)
 Raw Sample Relinquished by: AM (wet-chem)