

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 08/27/2021QC BATCH ID: LB116075BOD Water: WP92707MANGANOUS SULFATE SOLUTION: W2767Starch: W2703Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP88863Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP92709NaOH, 1N: WP91991GGA: WP92708IncubatorID: INCUBATOR #3Chlorine Strips: W2543GuageID: 0511064pH Strips: W2716Zero DO: WP92454

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.3	8.3	8.4
WINKLER 2	WINKLER 2	2	300	8.3	16.8	8.5	8.4

Meter Calibration1: 8.27Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.20**After Incubation**Meter Calibration2: 8.51Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.40



QC BATCH ID: LB116075

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 18:10

TIME OUT: 12:30

DATE IN: 08/27/2021

DATE OUT: 09/01/2021

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
LB116075BL	1	No	6.4	N/A	21.20	300	8.03	7.99	0.04	0.04	0.04	
POLYSEED	1					10	8.44	5.56	2.88	0.58	0.59	
POLYSEED	2					15	8.35	4.52	3.83	0.51		
POLYSEED	3					20	8.31	1.41	6.9	0.69		
GGA	1					6	8.36	3.70	4.66	203.5	203.5	
GGA	2					6	8.31	3.55	4.76	208.5		
GGA	3					6	8.22	3.66	4.56	198.5		
M3580-01	1	No	6.42	N/A	18.20	1	7.09	6.82	-	0	23.85	
M3580-01	2					5	6.24	6.22	-	0		
M3580-01	3					20	6.15	3.97	2.18	23.85		
M3580-01	4					50	6.12	0.16	-	0		
M3580-01DUP	1	No	6.42	N/A	18.20	1	7.10	6.85	-	0	24	
M3580-01DUP	2					5	6.25	6.24	-	0		
M3580-01DUP	3					20	6.18	3.99	2.19	24		
M3580-01DUP	4					50	6.15	0.18	-	0		
M3580-02	1	No	6.40	N/A	17.20	1	8.96	7.00	-	0	95.85	
M3580-02	2					2	8.94	6.97	-	0		
M3580-02	3					5	8.91	6.11	2.8	132.6		
M3580-02	4					10	7.94	5.38	2.56	59.1		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD M3580

WorkList ID : 151877

Department : Wet-Chemistry

Date : 08-27-2021 17:30:10

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/29/2021	Water	M3580-01	BOD5	Cool 4 deg C	TRIS02	E31	DSN-001-SEWER-OUTLE	08/27/2021	SM5210 B
08/29/2021	Water	M3580-02	BOD5	Cool 4 deg C	TRIS02	E31	DSN-002-SEWER-OUTLE	08/27/2021	SM5210 B

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by: