

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 01/20/2021QC BATCH ID: LB112864BOD Water: WP88900MANGANOUS SULFATE SOLUTION: W2767Starch: W2703Alkaline Iodide Azide: W2742Sulfuric acid, 1N: W2609Sodium Thiosulfate, 0.025N: WP88904POLYSEED: WP88902NaOH, 0.25N: WP86593GGA: WP88901IncubatorID: INCUBATOR #3Chlorine Strips: W2543GuageID: 0511064pH Strips: W2716Zero 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	8.3	8.3	8.4
WINKLER 2	WINKLER 2	2	300	8.3	16.8	8.5	8.4

Meter Calibration1: 8.64Zero DO Reading1: 0.05 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.37**After Incubation**Meter Calibration2: 8.64Zero DO Reading2: 0.05 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.40



QC BATCH ID: LB112864

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:45

TIME OUT: 11:20

DATE IN: 01/20/2021

DATE OUT: 01/25/2021

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
LB112864BL	1	No	6.0	N/A	21.70	300	8.36	8.35	0.01	0.01	0.01	
POLYSEED	1					10	8.33	3.13	5.2	1.04	0.82	
POLYSEED	2					15	8.32	2.49	5.83	0.78		
POLYSEED	3					20	8.31	1.82	6.49	0.65		
GGA	1					6	8.29	3.87	4.42	180	179.67	
GGA	2					6	8.28	3.76	4.52	185		
GGA	3					6	8.31	4.01	4.3	174		
M1175-04	1	No	8.63	7.2	21.90	1	8.37	6.84	-	0	276.6	pH Adjusted
M1175-04	2					5	8.30	2.87	5.43	276.6		
M1175-04	3					20	7.95	0.17	-	0		
M1175-04	4					50	7.14	0.13	-	0		
M1184-02	1	No	6.4	N/A	21.60	0.5	8.32	5.62	2.7	1128	733.88	
M1184-02	2					1	8.31	5.16	3.15	699		
M1184-02	3					2	8.30	3.63	4.67	577.5		
M1184-02	4					3	8.28	2.15	6.13	531		
M1184-02DUP	1	No	6.4	N/A	21.60	0.5	8.32	5.64	2.68	1116	727.25	
M1184-02DUP	2					1	8.30	5.18	3.12	690		
M1184-02DUP	3					2	8.29	3.65	4.64	573		
M1184-02DUP	4					3	8.28	2.16	6.12	530		

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

LB112864 WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-12021

WorkList ID : 145835

Department : Wet-Chemistry

Date : 01-20-2021 09:58:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/21/2021	Water	M1175-04	BOD5	Cool 4 deg C	SPEC01	F61	MANHOLE-24-HRS-COMP	01/19/2021	SM5210 B
01/22/2021	Water	M1184-02	BOD5	Cool 4 deg C	ARAM01	F52	COMP	01/20/2021	SM5210 B

Date/Time 01/20/2021 16:10

Received by: AMCwet-chem

Relinquished by: JP (wet-chem)

Date/Time 01/20/2021 17:00

Received by: JP (wet-chem)

Relinquished by: AMCwet-chem