

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: SohilAnalysis Date: 08/20/2022QC BATCH ID: LB121618BOD Water: WP98549MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP94324Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP98551NaOH, 1N: WP97250GGA: WP98550IncubatorID: INCUBATOR #3Chlorine Strips: W2011GuageID: 0511064pH Strips: W2716Zero DO: WP98094

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.90	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.90	17.9	9	8.95

Meter Calibration1: 8.89Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)Barometric Pressure1: 765 mmHgWinkler titrated BOD fluid DO reading1: 8.95**After Incubation**Meter Calibration2: 8.82Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB121618

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 11:00

TIME OUT: 10:00

DATE IN: 08/20/2022

DATE OUT: 08/25/2022

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
LB121618BL	1	No	6.0	N/A	21.00	300	8.97	8.87	0.1	0.1	0.1	
POLYSEED	1					10	8.94	3.29	5.65	1.13	0.94	
POLYSEED	2					15	8.92	2.18	6.74	0.9		
POLYSEED	3					20	8.90	1.10	7.8	0.78		
GGA	1					6	8.86	3.84	5.02	204	211.83	
GGA	2					6	8.87	3.70	5.17	211.5		
GGA	3					6	8.85	3.51	5.34	220		
N4276-01	1	No	7.02	N/A	23.20	1	8.40	5.46	2.94	600	328.4	
N4276-01	2					2	8.37	5.08	3.29	352.5		
N4276-01	3					5	8.30	6.77	-	0		
N4276-01	4					10	8.27	6.24	2.03	32.7		
N4276-01DUP	1	No	7.02	N/A	23.20	1	8.42	5.48	2.94	600	327	
N4276-01DUP	2					2	8.36	5.10	3.26	348		
N4276-01DUP	3					5	8.32	6.79	-	0		
N4276-01DUP	4					10	8.29	6.25	2.04	33		
N4276-02	1	No	6.60	N/A	23.10	1	8.35	6.04	2.31	411	238.43	
N4276-02	2					2	8.32	5.96	2.36	213		
N4276-02	3					5	8.26	4.50	3.76	169.2		
N4276-02	4					10	8.23	1.94	6.29	160.5		

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

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod n4276 WorkList ID : 162471 Department : Wet-Chemistry Date : 08-20-2022 09:10:17

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/21/2022	Water	N4276-01	BOD5	Cool 4 deg C	TRIS02	K11	DSN-001-SEWER-OUTLET-001	08/19/2022	SM5210 B
08/21/2022	Water	N4276-02	BOD5	Cool 4 deg C	TRIS02	K11	DSN-002-SEWER-OUTLET-002	08/19/2022	SM5210 B

Date/Time 08/20/22 09115
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 08/20/22 13100
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]