

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: SohilAnalysis Date: 08/19/2022QC BATCH ID: LB121609BOD Water: wp98527MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: M5038Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP98530NaOH, 1N: WP97250GGA: WP98529IncubatorID: 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	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.72Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.90**After Incubation**Meter Calibration2: 8.67Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)Barometric Pressure2: 8.75 mmHgWinkler titrated BOD fluid DO reading2: 760



QC BATCH ID: LB121609

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 15:50

TIME OUT: 11:30

DATE IN: 08/19/2022

DATE OUT: 08/24/2022

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
LB121609BL	1	No	6.0	N/A	21.20	300	8.90	8.78	0.12	0.12	0.12	
POLYSEED	1					10	8.86	4.35	4.51	0.9	0.82	
POLYSEED	2					15	8.79	2.87	5.92	0.79		
POLYSEED	3					20	8.76	1.08	7.68	0.77		
GGA	1					6	8.76	3.49	5.27	222.5	220.17	
GGA	2					6	8.78	3.75	5.03	210.5		
GGA	3					6	8.82	3.45	5.37	227.5		
N4271-01	1	No	7.49	N/A	22.60	0.5	8.79	4.68	4.11	1974	1735.5	
N4271-01	2					1	8.78	2.97	5.81	1497		
N4271-01	3					2	8.74	0.91	-	0		
N4271-01	4					5	8.54	0.08	-	0		
N4271-01	5					10	7.91	0.02	-	0		
N4271-01DUP	1	No	7.49	N/A	22.60	0.5	8.80	4.70	4.1	1968	1731	
N4271-01DUP	2					1	8.79	2.99	5.8	1494		
N4271-01DUP	3					2	8.75	0.93	-	0		
N4271-01DUP	4					5	8.55	0.10	-	0		
N4271-01DUP	5					10	7.92	0.03	-	0		
N4271-05	1	No	5.67	7.20	23.20	0.01	8.86	6.72	2.14	39600	22240	pH Adjusted
N4271-05	2					0.05	8.84	5.39	3.45	15780		
N4271-05	3					0.1	8.82	4.22	4.6	11340		
N4271-05	4					0.5	8.80	0.09	-	0		
N4271-05	5					1	8.79	0.06	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB121609

WorkList Name : bod81922

WorkList ID : 162448

Department : Wet-Chemistry

Date : 08-19-2022 09:04:19

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/21/2022	Water	N4271-01	BOD5	Cool 4 deg C	HOLL01	N11	EFFLUENT	08/19/2022	SM5210 B
08/21/2022	Water	N4271-05	BOD5	Cool 4 deg C	HOLL01	N11	INFLUENT	08/19/2022	SM5210 B

Date/Time 08/19/22 14:40
 Raw Sample Received by: JPC
 Raw Sample Relinquished by: _____

Date/Time 08/19/22 15:55
 Raw Sample Received by: JPC
 Raw Sample Relinquished by: _____