

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: SohilAnalysis Date: 10/05/2022QC BATCH ID: LB122347BOD Water: WP99308MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP97258Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP99309NaOH, 1N: WP97250GGA: WP99310IncubatorID: INCUBATOR #3Chlorine Strips: W2011GuageID: 0511064pH Strips: W2716Zero DO: WP99283

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 8.93Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHgWinkler titrated BOD fluid DO reading1: 8.73**After Incubation**Meter Calibration2: 8.81Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.75



QC BATCH ID: LB122347

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 11:15

TIME OUT: 12:00

DATE IN: 10/05/2022

DATE OUT: 10/10/2022

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
LB122347BL	1	No	6.8	N/A	20.10	300	8.77	8.73	0.04	0.04	0.04	
POLYSEED	1					10	8.66	5.20	3.46	0.69	0.62	
POLYSEED	2					15	8.65	4.13	4.52	0.6		
POLYSEED	3					20	8.64	2.88	5.76	0.58		
GGA	1					6	8.68	4.70	3.98	168	220.33	
GGA	2					6	8.63	2.54	6.09	273.5		
GGA	3					6	8.62	3.61	5.01	219.5		
N4963-01	1	No	8.16	7.02	20.10	5	8.73	8.52	-	0		pH Adjusted
N4963-01	2					20	8.72	8.51	-	0		
N4963-01	3					50	8.71	8.48	-	0		
N4963-01	4					150	8.70	8.46	-	0		
N4966-01	1	No	8.35	6.98	20.20	5	8.75	8.70	-	0		pH Adjusted
N4966-01	2					20	8.70	8.65	-	0		
N4966-01	3					50	8.67	8.40	-	0		
N4966-01	4					150	8.61	8.28	-	0		
N4974-01	1	No	8.51	7.22	20.20	5	8.72	8.68	-	0		pH Adjusted
N4974-01	2					20	8.69	8.63	-	0		
N4974-01	3					50	8.68	8.08	-	0		
N4974-01	4					150	8.60	7.99	-	0		
N4977-01	1	No	8.47	7.17	20.10	5	8.73	8.67	-	0		pH Adjusted
N4977-01	2					20	8.72	8.46	-	0		
N4977-01	3					50	8.70	8.34	-	0		
N4977-01	4					150	8.68	7.78	-	0		
N4979-01	1	No	8.38	7.16	20.20	5	8.75	8.70	-	0		pH Adjusted
N4979-01	2					20	8.70	8.68	-	0		
N4979-01	3					50	8.69	8.56	-	0		
N4979-01	4					150	8.68	8.33	-	0		
N4996-01	1	No	8.18	7.02	20.10	5	8.70	8.62	-	0		pH Adjusted
N4996-01	2					20	8.69	8.62	-	0		
N4996-01	3					50	8.68	8.58	-	0		
N4996-01	4					150	8.66	8.25	-	0		
N4998-01	1	No	8.19	7.01	20.20	5	8.73	8.60	-	0		pH Adjusted
N4998-01	2					20	8.72	8.58	-	0		
N4998-01	3					50	8.68	8.52	-	0		
N4998-01	4					150	8.63	8.48	-	0		
N5000-01	1	No	9.33	7.42	20.10	5	8.71	8.58	-	0		pH Adjusted
N5000-01	2					20	8.70	8.56	-	0		
N5000-01	3					50	8.68	8.43	-	0		
N5000-01	4					150	8.62	8.40	-	0		
N5002-01	1	No	9.33	6.85	20.10	5	8.75	8.69	-	0		pH Adjusted
N5002-01	2					20	8.72	8.56	-	0		

N5002-01	3					50	8.71	8.52	-	0		
N5002-01	4					150	8.68	8.50	-	0		
N5009-01	1	No	8.44	7.12	20.10	5	8.72	8.70	-	0		pH Adjuster
N5009-01	2					20	8.71	8.62	-	0		
N5009-01	3					50	8.70	8.54	-	0		
N5009-01	4					150	8.68	7.48	-	0		
N5009-02	1	No	8.56	7.24	20.10	5	8.72	8.69	-	0		pH Adjuster
N5009-02	2					20	8.71	8.65	-	0		
N5009-02	3					50	8.70	8.60	-	0		
N5009-02	4					150	8.69	8.52	-	0		
N5009-02DUP	1	No	8.56	7.24	20.10	5	8.74	8.70	-	0		pH Adjuster
N5009-02DUP	2					20	8.73	8.66	-	0		
N5009-02DUP	3					50	8.72	8.62	-	0		
N5009-02DUP	4					150	8.62	8.42	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 122347

WorkList Name : BOD5-1005

WorkList ID : 163813

Department : Wet-Chemistry

Date : 10-05-2022 11:05:02

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/01/2022	Water	N4963-01	BOD5	Cool 4 deg C	ENV170	N11	257155-4	09/29/2022	SM5210 B
10/01/2022	Water	N4966-01	BOD5	Cool 4 deg C	ENV170	N11	257248-5	09/29/2022	SM5210 B
10/01/2022	Water	N4974-01	BOD5	Cool 4 deg C	ENV170	N11	257248-6	09/29/2022	SM5210 B
10/02/2022	Water	N4977-01	BOD5	Cool 4 deg C	ENV170	N11	251032-3	09/30/2022	SM5210 B
10/02/2022	Water	N4979-01	BOD5	Cool 4 deg C	ENV170	N11	251032-4	09/30/2022	SM5210 B
10/05/2022	Water	N4996-01	BOD5	Cool 4 deg C	ENV170	N11	506D-1	10/03/2022	SM5210 B
10/05/2022	Water	N4998-01	BOD5	Cool 4 deg C	ENV170	N11	506D-2	10/03/2022	SM5210 B
10/05/2022	Water	N5000-01	BOD5	Cool 4 deg C	ENV170	N11	5486-4	10/03/2022	SM5210 B
10/05/2022	Water	N5002-01	BOD5	Cool 4 deg C	ENV170	N11	5486-3	10/03/2022	SM5210 B
10/06/2022	Water	N5009-01	BOD5	Cool 4 deg C	ENV170	C11	006-3	10/04/2022	SM5210 B
10/06/2022	Water	N5009-02	BOD5	Cool 4 deg C	ENV170	C11	006-4	10/04/2022	SM5210 B

Date/Time 10/5/22 11:10
 Raw Sample Received by: SG(WC)
 Raw Sample Relinquished by: SG(WC)

Date/Time 10/5/22 13:30
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: SG(WC)