

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 09/09/2022QC BATCH ID: LB121952BOD Water: WP98893Starch: W2766Sulfuric acid, 1N: WP88863POLYSEED: WP98895GGA: WP98897Chlorine Strips: W2011pH Strips: W2716MANGANOUS SULFATE SOLUTION: W2767Alkaline Iodide Azide: W2742Sodium Thiosulfate, 0.025N: W2843NaOH, 1N: WP97250IncubatorID: INCUBATOR #3GuageID: 0511064Zero 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: 8.54Barometric Pressure1: 755 mmHgZero DO Reading1: 0.02 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.56**After Incubation**Meter Calibration2: 8.52Barometric Pressure2: 755 mmHgZero DO Reading2: 0.10 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.50



QC BATCH ID: LB121952

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 15:30

TIME OUT: 16:00

DATE IN: 09/09/2022

DATE OUT: 09/14/2022

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
LB121952BL	1	No	6.0	N/A	21.40	300	8.54	8.49	0.05	0.05	0.05	
POLYSEED	1					10	8.52	4.55	3.97	0.79	0.69	
POLYSEED	2					15	8.47	3.43	5.04	0.67		
POLYSEED	3					20	8.45	2.37	6.08	0.61		
GGA	1					6	8.53	4.06	4.47	189	169.17	
GGA	2					6	8.50	4.50	4	165.5		
GGA	3					6	8.49	4.74	3.75	153		
N4547-01	1	No	4.99	7.2	21.30	0.1	8.55	7.47	-	0	5026.5	pH Adjusted
N4547-01	2					0.2	8.53	3.23	5.3	6915		
N4547-01	3					0.5	8.51	2.59	5.92	3138		
N4547-01	4					1	8.50	0.23	-	0		
N4551-01	1	No	8.07	7.2	20.20	5	8.54	8.48	-	0		pH Adjusted
N4551-01	2					20	8.53	8.45	-	0		
N4551-01	3					50	8.51	8.42	-	0		
N4551-01	4					150	8.48	8.40	-	0		
N4551-01DUP	1	No	8.07	7.2	20.20	5	8.52	8.49	-	0		pH Adjusted
N4551-01DUP	2					20	8.53	8.46	-	0		
N4551-01DUP	3					50	8.49	8.44	-	0		
N4551-01DUP	4					150	8.46	8.40	-	0		
N4551-02	1	No	8.05	7.2	20.10	5	8.56	8.46	-	0		pH Adjusted
N4551-02	2					20	8.54	8.39	-	0		
N4551-02	3					50	8.52	8.34	-	0		
N4551-02	4					150	8.49	8.30	-	0		
N4553-01	1	No	7.12	N/A	20.40	5	8.53	8.48	-	0		
N4553-01	2					20	8.50	8.46	-	0		
N4553-01	3					50	8.42	8.42	-	0		
N4553-01	4					150	8.07	7.65	-	0		
N4553-02	1	No	7.54	7.2	20.50	5	8.54	8.50	-	0		pH Adjusted
N4553-02	2					20	8.50	8.43	-	0		
N4553-02	3					50	8.49	8.38	-	0		
N4553-02	4					150	8.22	8.01	-	0		
N4555-01	1	No	7.82	7.2	20.40	5	8.56	8.49	-	0		pH Adjusted
N4555-01	2					20	8.55	8.43	-	0		
N4555-01	3					50	8.52	8.40	-	0		
N4555-01	4					150	8.48	8.36	-	0		
N4555-02	1	No	7.46	N/A	20.50	5	8.54	8.46	-	0		
N4555-02	2					20	8.52	8.38	-	0		
N4555-02	3					50	8.51	8.30	-	0		
N4555-02	4					150	8.44	8.16	-	0		
N4567-01	1	No	4.47	7.2	20.60	0.1	8.52	6.85	-	0	2682	pH Adjusted
N4567-01	2					0.2	8.51	6.30	2.21	2280		

N4567-01	3					0.5	8.47	2.64	5.83	3084		
N4567-01	4					1	8.43	0.21	-	0		

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

LB 121952

WORKLIST(Hardcopy Internal Chain)

WorkList Name: BOD-09092022

WorkList ID: 163063

Department: Wet-Chemistry

Date: 09-09-2022 14:08:41

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/10/2022	Water	N4547-01	BOD5	Cool 4 deg C	MAJO01	M11	DRAIN-WATER-TANK-1	09/08/2022	SM5210 B
09/09/2022	Water	N4551-01	BOD5	Cool 4 deg C	ENVI70	M11	251032-1	09/07/2022	SM5210 B
09/09/2022	Water	N4551-02	BOD5	Cool 4 deg C	ENVI70	M11	251032-2	09/07/2022	SM5210 B
09/09/2022	Water	N4553-01	BOD5	Cool 4 deg C	ENVI70	N11	256074-1	09/07/2022	SM5210 B
09/09/2022	Water	N4553-02	BOD5	Cool 4 deg C	ENVI70	N11	256074-2	09/07/2022	SM5210 B
09/09/2022	Water	N4555-01	BOD5	Cool 4 deg C	ENVI70	M11	257248-3	09/07/2022	SM5210 B
09/09/2022	Water	N4555-02	BOD5	Cool 4 deg C	ENVI70	M11	257248-4	09/07/2022	SM5210 B
09/11/2022	Water	N4567-01	BOD5	Cool 4 deg C	MAJO01	N11	DRAIN-WATER-TANK-1	09/09/2022	SM5210 B

Date/Time 09/09/22 14:10
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 09/09/22 16:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]