

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: SohilAnalysis Date: 08/17/2022QC BATCH ID: LB121559BOD Water: WP98454Starch: W2766Sulfuric acid, 1N: M5038POLYSEED: WP98456GGA: WP98455Chlorine 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	8.6	8.6	8.65
WINKLER 2	WINKLER 2	2	300	8.6	17.3	8.7	8.65

Meter Calibration1: 8.63Barometric Pressure1: 755 mmHgZero DO Reading1: 0.10 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.50**After Incubation**Meter Calibration2: 8.66Barometric Pressure2: 755 mmHgZero DO Reading2: 0.08 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.40



QC BATCH ID: LB121559

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:00

TIME OUT: 09:30

DATE IN: 08/17/2022

DATE OUT: 08/22/2022

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
LB121559BL	1	No	6.0	N/A	21.20	300	8.55	8.38	0.17	0.17	0.17	
POLYSEED	1					10	8.55	2.87	5.68	1.14	0.87	
POLYSEED	2					15	8.52	2.79	5.73	0.76		
POLYSEED	3					20	8.49	1.53	6.96	0.7		
GGA	1					6	8.48	3.23	5.25	219	226.5	
GGA	2					6	8.51	3.13	5.38	225.5		
GGA	3					6	8.50	2.93	5.57	235		
N4223-01	1	No	5.42	7.20	23.30	5	8.53	7.98	-	0		pH Adjusted
N4223-01	2					20	8.51	7.77	-	0		
N4223-01	3					50	8.39	7.61	-	0		
N4223-01	4					150	8.01	7.46	-	0		
N4223-01DUP	1	No	5.42	7.20	23.30	5	8.51	7.55	-	0		pH Adjusted
N4223-01DUP	2					20	8.50	7.49	-	0		
N4223-01DUP	3					50	8.40	7.40	-	0		
N4223-01DUP	4					150	7.98	7.38	-	0		

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