

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 07/29/2022QC BATCH ID: LB121285BOD Water: WP98105MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP94324Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP98107NaOH, 1N: WP97250GGA: WP98106IncubatorID: 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	8.4	8.4	8.45
WINKLER 2	WINKLER 2	2	300	8.4	16.9	8.5	8.45

Meter Calibration1: 8.53Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure1: 765 mmHgWinkler titrated BOD fluid DO reading1: 8.85**After Incubation**Meter Calibration2: 8.77Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHgWinkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB121285

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:25

TIME OUT: 11:15

DATE IN: 07/29/2022

DATE OUT: 08/03/2022

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
LB121285BL	1	No	6.4	N/A	21.20	300	8.83	8.75	0.08	0.08	0.08	
POLYSEED	1					10	8.76	4.25	4.51	0.9	0.77	
POLYSEED	2					15	8.74	3.45	5.29	0.71		
POLYSEED	3					20	8.71	1.78	6.93	0.69		
GGA	1					6	8.81	4.25	4.56	189.5	206.67	
GGA	2					6	8.80	3.70	5.1	216.5		
GGA	3					6	8.85	3.80	5.05	214		
N3977-01	1	No	8.75	7.20	26.40	5	8.81	7.96	-	0		pH Adjusted
N3977-01	2					20	8.80	7.91	-	0		
N3977-01	3					50	8.78	7.61	-	0		
N3977-01	4					150	8.77	6.80	-	0		
N3977-01DUP	1	No	8.75	7.20	26.40	5	8.82	7.98	-	0		pH Adjusted
N3977-01DUP	2					20	8.81	7.92	-	0		
N3977-01DUP	3					50	8.79	7.62	-	0		
N3977-01DUP	4					150	8.78	6.82	-	0		
N3981-01	1	No	9.42	7.20	25.20	5	8.77	8.25	-	0		pH Adjusted
N3981-01	2					20	8.72	8.23	-	0		
N3981-01	3					50	8.63	7.95	-	0		
N3981-01	4					150	8.28	7.64	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 121285

WorkList Name : BOD72922 WorkList ID : 161819 Department : Wet-Chemistry Date : 07-29-2022 15:03:36

Due Date	Matrix	Sample	Test	Raw Sample			Collect Date	Method
				Preservative	Customer	Storage Location		
07/31/2022	Water	N3977-01	M BOD5	Cool 4 deg C	PSEG03	G11	MS-TOTE-0729	07/29/2022 SM5210 B
07/31/2022	Water	N3981-01	I BOD5	Cool 4 deg C	PSEG03	G11	PAT-TOTES-0729	07/29/2022 SM5210 B

Date/Time 07/29/22 16:30
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: JH(wc)

Date/Time 07/29/22 17:30
 Raw Sample Received by: JH(wc)
 Raw Sample Relinquished by: KS(wc)