

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 09/02/2022QC BATCH ID: LB121869BOD Water: WP98811Starch: W2766Sulfuric acid, 1N: M5038POLYSEED: WP98812GGA: WP98813Chlorine Strips: W2011pH Strips: W2716MANGANOUS SULFATE SOLUTION: W2767Alkaline Iodide Azide: W2742Sodium Thiosulfate, 0.025N: W2843NaOH, 1N: W97250IncubatorID: 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	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.56Barometric Pressure1: 755 mmHgZero DO Reading1: 0.09 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.96**After Incubation**Meter Calibration2: 8.71Barometric Pressure2: 755 mmHgZero DO Reading2: 0.04 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB121869

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 15:15

TIME OUT: 16:05

DATE IN: 09/02/2022

DATE OUT: 09/07/2022

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
LB121869BL	1	No	6.4	N/A	21.20	300	8.96	8.78	0.18	0.18	0.18	
POLYSEED	1					10	8.89	5.53	3.36	0.67	0.71	
POLYSEED	2					15	8.83	3.30	5.53	0.74		
POLYSEED	3					20	8.76	1.52	7.24	0.72		
GGA	1					6	8.89	4.60	4.29	179	171.5	
GGA	2					6	8.89	4.73	4.16	172.5		
GGA	3					6	8.88	4.91	3.97	163		
N4478-01	1	No	7.34	N/A	23.30	5	8.92	8.80	-	0		
N4478-01	2					20	8.90	8.11	-	0		
N4478-01	3					50	8.75	7.30	-	0		
N4478-01	4					150	8.13	6.18	-	0		
N4478-01DUP	1	No	7.34	N/A	23.30	5	8.90	8.75	-	0		
N4478-01DUP	2					20	8.85	8.16	-	0		
N4478-01DUP	3					50	8.72	7.49	-	0		
N4478-01DUP	4					150	8.12	6.25	-	0		

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

121869

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod n4478

WorkList ID : 162901

Department : Wet-Chemistry

Date : 09-02-2022 14:43:42

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/03/2022	Water	N4478-01	BOD5	Cool 4 deg C	PSEG03	M11	FRAC-TANK-SV28486	09/01/2022	SM5210 B

Date/Time

9/2/2022 14:45

Raw Sample Received by:

SI (wet chem)

Raw Sample Relinquished by:

SI (SM)

Date/Time

9/2/2022 15:30

Raw Sample Received by:

SI (SM)

Raw Sample Relinquished by:

SI (wet chem)