

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 09/14/2022QC BATCH ID: LB121998BOD Water: WP98933MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP88863Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP98935NaOH, 1N: WP97250GGA: WP98934IncubatorID: 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	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.62Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHgWinkler titrated BOD fluid DO reading1: 8.48**After Incubation**Meter Calibration2: 8.50Zero DO Reading2: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure2: 750 mmHgWinkler titrated BOD fluid DO reading2: 8.47

QC BATCH ID: LB121998

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 11:15

TIME OUT: 12:15

DATE IN: 09/14/2022

DATE OUT: 09/19/2022

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
LB121998BL	1	No	6.8	N/A	22.60	300	8.52	8.46	0.06	0.06	0.06	
POLYSEED	1					10	8.45	4.25	4.2	0.84	0.72	
POLYSEED	2					15	8.44	3.23	5.21	0.69		
POLYSEED	3					20	8.48	2.15	6.33	0.63		
GGA	1					6	8.40	3.93	4.47	187.5	190.83	
GGA	2					6	8.38	3.55	4.83	205.5		
GGA	3					6	8.36	4.05	4.31	179.5		
N4586-01	1	No	6.33	7.20	21.70	0.1	8.47	5.51	2.96	6720	6270	pH Adjusted
N4586-01	2					0.2	8.43	3.83	4.6	5820		
N4586-01	3					0.5	8.41	0.27	-	0		
N4586-01	4					1	8.40	0.23	-	0		
N4609-02	1	No	6.96	N/A	25.80	5	8.47	7.62	-	0	6.98	
N4609-02	2					20	8.45	7.61	-	0		
N4609-02	3					50	8.44	7.31	-	0		
N4609-02	4					150	8.41	4.20	4.21	6.98		
N4609-04	1	No	7.23	N/A	22.20	5	8.50	7.01	-	0	14.47	
N4609-04	2					20	8.49	6.34	2.15	21.45		
N4609-04	3					50	8.48	6.00	2.48	10.56		
N4609-04	4					150	8.46	2.04	6.42	11.4		
N4609-06	1	No	6.93	N/A	22.60	5	8.49	7.49	-	0	4.54	
N4609-06	2					20	8.48	7.38	-	0		
N4609-06	3					50	8.47	6.63	-	0		
N4609-06	4					150	8.45	5.46	2.99	4.54		
N4609-06DUP	1	No	6.93	N/A	22.60	5	8.50	7.55	-	0	4.64	
N4609-06DUP	2					20	8.48	7.26	-	0		
N4609-06DUP	3					50	8.47	6.68	-	0		
N4609-06DUP	4					150	8.46	5.42	3.04	4.64		

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

LB121998

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-09142022 WorkList ID : 163163 Department : Wet-Chemistry Date : 09-14-2022 10:12:36

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/14/2022	Water	N4586-01	A BOD5	Cool 4 deg C	MAJO01	N11	DRAIN-WATER-TANK-1	09/12/2022	SM5210 B
09/15/2022	Water	N4609-02	J BOD5	Cool 4 deg C	PSEG04	N11	DSN001	09/13/2022	SM5210 B
09/15/2022	Water	N4609-04	J BOD5	Cool 4 deg C	PSEG04	N11	DSN002	09/13/2022	SM5210 B
09/15/2022	Water	N4609-06	J BOD5	Cool 4 deg C	PSEG04	N11	DSN003	09/13/2022	SM5210 B

Date/Time 9/14/22 10:16
Raw Sample Received by: SI (wetchem)
Raw Sample Relinquished by: CP (SI)

Date/Time 9/14/22 12:00
Raw Sample Received by: CP (SI)
Raw Sample Relinquished by: SI (wetchem)