

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 08/26/2022QC BATCH ID: LB121753BOD Water: WP98682Starch: W2766Sulfuric acid, 1N: WP94324POLYSEED: WP98684GGA: WP98683Chlorine 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	9.1	9.1	9.1
WINKLER 2	WINKLER 2	2	300	9.1	18.2	9.1	9.1

Meter Calibration1: 8.69Barometric Pressure1: 750 mmHgZero DO Reading1: 0.03 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.97**After Incubation**Meter Calibration2: 8.51Barometric Pressure2: 750 mmHgZero DO Reading2: 0.08 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.86



QC BATCH ID: LB121753

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.8

TIME IN: 10:30

TIME OUT: 12:30

DATE IN: 08/26/2022

DATE OUT: 08/31/2022

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
LB121753BL	1	No	6.0	N/A	21.00	300	8.97	8.72	0.25	0.25	0.25	
POLYSEED	1					10	8.88	6.30	2.58	0.52	0.6	
POLYSEED	2					15	8.86	4.28	4.58	0.61		
POLYSEED	3					20	8.81	2.23	6.58	0.66		
GGA	1					6	8.90	4.15	4.75	207.5	214.67	
GGA	2					6	8.92	4.05	4.87	213.5		
GGA	3					6	8.91	3.85	5.06	223		
N4371-01	1	No	7.97	7.2	21.90	5	8.90	7.47	-	0	8.11	pH Adjusted
N4371-01	2					20	8.69	6.95	-	0		
N4371-01	3					50	8.13	6.09	2.04	8.64		
N4371-01	4					150	5.50	1.11	4.39	7.58		
N4371-01DUP	1	No	7.98	7.2	21.80	5	8.92	7.45	-	0	8.36	pH Adjusted
N4371-01DUP	2					20	8.70	6.87	-	0		
N4371-01DUP	3					50	8.15	5.99	2.16	9.36		
N4371-01DUP	4					150	5.52	1.24	4.28	7.36		
N4383-01	1	No	8.13	7.2	23.10	5	8.92	8.72	-	0		pH Adjusted
N4383-01	2					20	8.90	8.39	-	0		
N4383-01	3					50	8.89	7.93	-	0		
N4383-01	4					150	8.86	7.44	-	0		
N4383-02	1	No	7.88	7.2	23.00	5	8.95	8.43	-	0		pH Adjusted
N4383-02	2					20	8.93	8.42	-	0		
N4383-02	3					50	8.91	7.68	-	0		
N4383-02	4					150	8.89	7.62	-	0		
N4385-01	1	No	7.88	7.2	23.00	5	8.91	7.60	-	0		pH Adjusted
N4385-01	2					20	8.86	7.58	-	0		
N4385-01	3					50	8.63	7.54	-	0		
N4385-01	4					150	7.66	7.04	-	0		
N4385-02	1	No	7.87	7.2	22.90	5	8.90	8.63	-	0		pH Adjusted
N4385-02	2					20	8.89	8.54	-	0		
N4385-02	3					50	8.87	8.45	-	0		
N4385-02	4					150	8.18	7.08	-	0		
N4387-01	1	No	7.91	7.2	22.60	5	8.90	8.57	-	0		pH Adjusted
N4387-01	2					20	8.88	8.48	-	0		
N4387-01	3					50	8.85	8.17	-	0		
N4387-01	4					150	8.75	7.97	-	0		
N4387-02	1	No	7.92	7.2	22.70	5	8.91	8.50	-	0		pH Adjusted
N4387-02	2					20	8.88	8.32	-	0		
N4387-02	3					50	8.74	7.22	-	0		
N4387-02	4					150	8.18	7.05	-	0		
N4389-01	1	No	7.89	7.2	23.20	5	8.90	8.64	-	0		pH Adjusted
N4389-01	2					20	8.87	8.26	-	0		

N4389-01	3					50	8.86	8.00	-	0		
N4389-01	4					150	8.71	7.50	-	0		
N4389-02	1	No	7.94	7.2	23.20	5	8.91	8.40	-	0		pH Adjuster
N4389-02	2					20	8.90	8.27	-	0		
N4389-02	3					50	8.86	7.96	-	0		
N4389-02	4					150	8.73	7.53	-	0		
N4391-01	1	No	7.53	N/A	23.20	5	8.91	8.78	-	0		
N4391-01	2					20	8.89	8.50	-	0		
N4391-01	3					50	8.82	8.49	-	0		
N4391-01	4					150	8.51	8.10	-	0		
N4391-02	1	No	7.68	7.2	22.70	5	8.90	8.84	-	0		pH Adjuster
N4391-02	2					20	8.89	8.77	-	0		
N4391-02	3					50	8.87	8.35	-	0		
N4391-02	4					150	8.80	8.10	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-08262022

WorkList ID : 162690

Department : Wet-Chemistry

Date : 08-26-2022 09:10:27

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/27/2022	Water	N4371-01	BOD5	Cool 4 deg C	PSEG03	N11	A4127	08/25/2022	SM5210 B
08/26/2022	Water	N4383-01	BOD5	Cool 4 deg C	ENV170	M11	252672-1	08/24/2022	SM5210 B
08/26/2022	Water	N4383-02	BOD5	Cool 4 deg C	ENV170	M11	252672-2	08/24/2022	SM5210 B
08/26/2022	Water	N4385-01	BOD5	Cool 4 deg C	ENV170	M11	265751-1	08/24/2022	SM5210 B
08/26/2022	Water	N4385-02	BOD5	Cool 4 deg C	ENV170	M11	265751-2	08/24/2022	SM5210 B
08/26/2022	Water	N4387-01	BOD5	Cool 4 deg C	ENV170	M11	251563-1	08/24/2022	SM5210 B
08/26/2022	Water	N4387-02	BOD5	Cool 4 deg C	ENV170	M11	251563-2	08/24/2022	SM5210 B
08/26/2022	Water	N4389-01	BOD5	Cool 4 deg C	ENV170	M11	265393-3	08/24/2022	SM5210 B
08/26/2022	Water	N4389-02	BOD5	Cool 4 deg C	ENV170	M11	265393-4	08/24/2022	SM5210 B
08/26/2022	Water	N4391-01	BOD5	Cool 4 deg C	ENV170	M11	256317-3	08/24/2022	SM5210 B
08/26/2022	Water	N4391-02	BOD5	Cool 4 deg C	ENV170	M11	256317-4	08/24/2022	SM5210 B

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

08/26/22 0940

JP WOC

CP

Date/Time 08/26/22 12:10

Raw Sample Received by: CP

Raw Sample Relinquished by: JP WOC