

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 09/28/2022QC BATCH ID: LB122230BOD Water: WP99156MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP94324Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP99157NaOH, 1N: WP97250GGA: WP99158IncubatorID: 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	8.7	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 8.70Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHgWinkler titrated BOD fluid DO reading1: 8.82**After Incubation**Meter Calibration2: 8.76Zero DO Reading2: 0.05 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB122230

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 10:45

TIME OUT: 12:00

DATE IN: 09/28/2022

DATE OUT: 10/03/2022

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
LB122230BL	1	No	6.90	N/A	21.20	300	8.80	8.74	0.06	0.06	0.06	
POLYSEED	1					10	8.80	5.15	3.65	0.73	0.67	
POLYSEED	2					15	8.78	3.96	4.82	0.64		
POLYSEED	3					20	8.74	2.29	6.45	0.65		
GGA	1					6	8.79	4.58	4.21	177	183.83	
GGA	2					6	8.77	4.14	4.63	198		
GGA	3					6	8.75	4.55	4.2	176.5		
N4763-01	1	No	7.23	N/A	20.20	5	8.75	7.91	-	0	7.23	
N4763-01	2					20	8.74	7.86	-	0		
N4763-01	3					50	8.73	6.52	2.21	9.24		
N4763-01	4					150	8.68	5.40	3.28	5.22		
N4827-01	1	No	6.83	N/A	22.10	5	8.79	7.92	-	0	16.23	
N4827-01	2					20	8.59	6.58	2.01	20.1		
N4827-01	3					50	7.92	5.19	2.73	12.36		
N4827-01	4					150	5.52	0.30	-	0		
N4833-01	1	No	7.77	7.20	20.60	5	8.78	8.31	-	0		pH Adjusted
N4833-01	2					20	8.76	8.21	-	0		
N4833-01	3					50	8.75	7.94	-	0		
N4833-01	4					150	8.74	7.41	-	0		
N4833-02	1	No	8.16	6.98	20.80	5	8.80	8.32	-	0		pH Adjusted
N4833-02	2					20	8.79	7.96	-	0		
N4833-02	3					50	8.77	7.56	-	0		
N4833-02	4					150	8.73	7.27	-	0		
N4835-01	1	No	8.43	6.85	20.70	5	8.79	8.27	-	0		pH Adjusted
N4835-01	2					20	8.78	8.19	-	0		
N4835-01	3					50	8.75	7.75	-	0		
N4835-01	4					150	8.63	7.19	-	0		
N4835-02	1	No	8.40	7.02	20.20	5	8.78	8.30	-	0		pH Adjusted
N4835-02	2					20	8.77	8.05	-	0		
N4835-02	3					50	8.76	7.90	-	0		
N4835-02	4					150	8.74	7.44	-	0		
N4837-01	1	No	8.31	7.20	20.60	5	8.78	8.25	-	0	3.26	pH Adjusted
N4837-01	2					20	8.76	8.12	-	0		
N4837-01	3					50	8.62	7.65	-	0		
N4837-01	4					150	8.46	6.16	2.3	3.26		
N4837-02	1	No	8.35	7.03	20.80	5	8.77	8.29	-	0		pH Adjusted
N4837-02	2					20	8.75	7.25	-	0		
N4837-02	3					50	8.74	7.19	-	0		
N4837-02	4					150	8.69	6.76	-	0		
N4839-01	1	No	7.92	7.02	21.10	5	8.78	8.59	-	0	4.68	pH Adjusted
N4839-01	2					20	8.77	7.99	-	0		

N4839-01	3					50	8.72	7.63	-	0		
N4839-01	4					150	8.62	5.61	3.01	4.68		
N4839-02	1	No	7.89	6.85	21.00	5	8.79	7.13	-	0	2.8	pH Adjusted
N4839-02	2					20	8.77	7.05	-	0		
N4839-02	3					50	8.75	7.04	-	0		
N4839-02	4					150	8.64	6.57	2.07	2.8		
N4841-01	1	No	8.12	7.05	21.20	5	8.77	8.09	-	0		pH Adjusted
N4841-01	2					20	8.76	6.90	-	0		
N4841-01	3					50	8.74	6.88	-	0		
N4841-01	4					150	8.70	6.74	-	0		
N4841-02	1	No	8.13	7.06	21.30	5	8.78	8.19	-	0		pH Adjusted
N4841-02	2					20	8.76	6.87	-	0		
N4841-02	3					50	8.74	7.69	-	0		
N4841-02	4					150	8.70	6.80	-	0		
N4841-02DUP	1	No	8.13	7.20	21.30	5	8.77	8.20	-	0		pH Adjusted
N4841-02DUP	2					20	8.75	7.86	-	0		
N4841-02DUP	3					50	8.73	7.62	-	0		
N4841-02DUP	4					150	8.69	6.84	-	0		

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

LB 122230

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-0928

WorkList ID : 163593

Department : Wet-Chemistry

Date : 09-28-2022 10:03:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/22/2022	Water	N4763-01	BOD5	Cool 4 deg C	PSEG03	WC-GW		09/21/2022	SM5210 B
09/28/2022	Water	N4827-01	BOD5	Cool 4 deg C	PSEG03	N11	OVS-OUTLET	09/26/2022	SM5210 B
09/24/2022	Water	N4833-01	BOD5	Cool 4 deg C	ENV170	M11	004-1	09/22/2022	SM5210 B
09/24/2022	Water	N4833-02	BOD5	Cool 4 deg C	ENV170	M11	004-2	09/22/2022	SM5210 B
09/24/2022	Water	N4835-01	BOD5	Cool 4 deg C	ENV170	N11	529317-3	09/22/2022	SM5210 B
09/24/2022	Water	N4835-02	BOD5	Cool 4 deg C	ENV170	N11	529317-4	09/22/2022	SM5210 B
09/24/2022	Water	N4837-01	BOD5	Cool 4 deg C	ENV170	N11	251563-3	09/22/2022	SM5210 B
09/24/2022	Water	N4837-02	BOD5	Cool 4 deg C	ENV170	N11	251563-4	09/22/2022	SM5210 B
09/24/2022	Water	N4839-01	BOD5	Cool 4 deg C	ENV170	N11	5592-1	09/22/2022	SM5210 B
09/24/2022	Water	N4839-02	BOD5	Cool 4 deg C	ENV170	N11	5592-2	09/22/2022	SM5210 B
09/25/2022	Water	N4841-01	BOD5	Cool 4 deg C	ENV170	N11	252672-5	09/23/2022	SM5210 B
09/25/2022	Water	N4841-02	BOD5	Cool 4 deg C	ENV170	N11	252672-6	09/23/2022	SM5210 B

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 9/28/22 10:05
 Raw Sample Received by: SJ (we)
 Raw Sample Relinquished by: CP (sn)

Date/Time 9/28/22 12:30
 Raw Sample Received by: CP (sn)
 Raw Sample Relinquished by: SJ (we)