

QC BATCH ID: LB122360

BOD Water: WP99315

Starch: W2766

Sulfuric acid, 1N: WP97258

POLYSEED: WP99317

GGA: WP99318

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2913

Alkaline Iodide Azide: W2914

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP97250

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP99283

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	8.75
WINKLER 2	WINKLER 2	2	300	8.7	17.5	8.8	8.75

Meter Calibration1: 8.88

Barometric Pressure1: 755 mmHg

Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.92

After Incubation

Meter Calibration2: 9.29

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.05 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.64



QC BATCH ID: LB122360

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 11:45

TIME OUT: 13:00

DATE IN: 10/06/2022

DATE OUT: 10/11/2022

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
LB122360BL	1	No	6.80	N/A	20.20	300	8.90	8.85	0.05	0.05	0.05	
POLYSEED	1					10	8.89	5.82	3.07	0.61	0.6	
POLYSEED	2					15	8.86	4.90	3.96	0.53		
POLYSEED	3					20	8.84	2.27	6.57	0.66		
GGA	1					6	8.85	5.00	3.85	162.5	177.17	
GGA	2					6	8.84	3.77	5.07	223.5		
GGA	3					6	8.80	5.29	3.51	145.5		
N5006-02	1	No	6.98	N/A	20.70	0.5	8.84	7.91	-	0	487	
N5006-02	2					1	8.82	6.60	2.22	486		
N5006-02	3					2	8.81	5.41	3.4	420		
N5006-02	4					3	8.80	2.65	6.15	555		
N5007-01	1	No	7.98	7.10	20.10	2	8.84	8.54	-	0	28.75	pH Adjusted
N5007-01	2					10	8.82	8.17	-	0		
N5007-01	3					50	8.77	2.06	6.71	36.66		
N5007-01	4					100	8.61	1.06	7.55	20.85		
N5017-01	1	No	8.43	6.86	21.00	5	8.85	8.44	-	0		pH Adjusted
N5017-01	2					20	8.84	8.35	-	0		
N5017-01	3					50	8.82	8.20	-	0		
N5017-01	4					150	8.81	7.09	-	0		
N5022-02	1	No	7.05	N/A	20.30	5	8.86	8.76	-	0		
N5022-02	2					20	8.85	8.65	-	0		
N5022-02	3					50	8.83	8.60	-	0		
N5022-02	4					150	8.81	8.58	-	0		
N5022-04	1	No	7.30	N/A	20.20	5	8.87	8.68	-	0		
N5022-04	2					20	8.85	8.32	-	0		
N5022-04	3					50	8.83	8.30	-	0		
N5022-04	4					150	8.74	8.07	-	0		
N5022-06	1	No	7.05	N/A	20.80	5	8.86	8.32	-	0		
N5022-06	2					20	8.84	8.31	-	0		
N5022-06	3					50	8.82	8.29	-	0		
N5022-06	4					150	8.78	8.26	-	0		
N5031-01	1	No	8.16	7.02	20.20	5	8.88	8.78	-	0		pH Adjusted
N5031-01	2					20	8.84	8.62	-	0		
N5031-01	3					50	8.83	8.58	-	0		
N5031-01	4					150	8.80	8.52	-	0		
N5031-02	1	No	7.94	7.01	20.90	5	8.86	8.76	-	0		pH Adjusted
N5031-02	2					20	8.84	8.72	-	0		
N5031-02	3					50	8.82	8.70	-	0		
N5031-02	4					150	8.81	8.68	-	0		
N5033-01	1	No	8.41	6.85	20.80	5	8.82	8.69	-	0		pH Adjusted
N5033-01	2					20	8.81	8.62	-	0		

N5033-01	3					50	8.79	8.59	-	0		
N5033-01	4					150	8.76	8.57	-	0		
N5033-02	1	No	8.17	7.02	20.40	5	8.84	8.62	-	0		pH Adjusted
N5033-02	2					20	8.81	8.60	-	0		
N5033-02	3					50	8.79	8.55	-	0		
N5033-02	4					150	8.78	8.53	-	0		
N5033-02DUP	1	No	8.17	7.02	20.40	5	8.86	8.64	-	0		pH Adjusted
N5033-02DUP	2					20	8.85	8.61	-	0		
N5033-02DUP	3					50	8.83	8.58	-	0		
N5033-02DUP	4					150	8.80	8.52	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 122.360

WorkList Name : BOD5-1006

WorkList ID : 163853

Department : Wet-Chemistry

Date : 10-06-2022 11:37:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/07/2022	Water	N5006-02	BOD5	Cool 4 deg C	ARAM01	C11	COMP	10/05/2022	SM5210 B
10/07/2022	Water	N5007-01	BOD5	Cool 4 deg C	M&MM01	C11	1C	10/05/2022	SM5210 B
10/07/2022	Water	N5017-01	BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	10/05/2022	SM5210 B
10/07/2022	Water	N5022-02	BOD5	Cool 4 deg C	PSEG04	C11	DSN001	10/05/2022	SM5210 B
10/07/2022	Water	N5022-04	BOD5	Cool 4 deg C	PSEG04	C11	DSN002	10/05/2022	SM5210 B
10/07/2022	Water	N5022-06	BOD5	Cool 4 deg C	PSEG04	C11	DSN003	10/05/2022	SM5210 B
10/07/2022	Water	N5031-01	BOD5	Cool 4 deg C	ENV170	N11	5869-3	10/05/2022	SM5210 B
10/07/2022	Water	N5031-02	BOD5	Cool 4 deg C	ENV170	N11	5869-4	10/05/2022	SM5210 B
10/07/2022	Water	N5033-01	BOD5	Cool 4 deg C	ENV170	C11	596C-1	10/05/2022	SM5210 B
10/07/2022	Water	N5033-02	BOD5	Cool 4 deg C	ENV170	C11	596C-2	10/05/2022	SM5210 B

Date/Time 10/6/22 11:45
 Raw Sample Received by: SJ(wc)
 Raw Sample Relinquished by: CP(sm)

Date/Time 10/6/22 14:00
 Raw Sample Received by: CP(sm)
 Raw Sample Relinquished by: SJ(wc)