

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 12/16/2022**QC BATCH ID:** LB123313**BOD Water:** WP100268**Starch:** W2977**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP100270**GGA:** WP100269**Chlorine Strips:** W2011**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2941**NaOH, 1N:** WP97250**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP100199

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.80	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.80	17.6	8.8	8.8

Meter Calibration1: 9.31Barometric Pressure1: 750 mmHgZero DO Reading1: 0.09 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.75**After Incubation**Meter Calibration2: 9.24Barometric Pressure2: 771 mmHgZero DO Reading2: 0.08 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.74



QC BATCH ID: LB123313

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 16:10

TIME OUT: 16:20

DATE IN: 12/16/2022

DATE OUT: 12/21/2022

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
LB123313BL	1	No	7.10	N/A	20.00	300	8.74	8.72	0.02	0.02	0.02	
POLYSEED	1					10	8.52	4.62	3.9	0.78	0.61	
POLYSEED	2					15	8.45	4.16	4.29	0.57		
POLYSEED	3					20	8.39	3.54	4.85	0.49		
GGA	1					6	8.65	4.27	4.38	188.5	190.17	
GGA	2					6	8.62	4.20	4.42	190.5		
GGA	3					6	8.60	4.16	4.44	191.5		
N6087-01	1	No	8.12	7.20	20.00	5	8.70	0.34	-	0		pH Adjusted
N6087-01	2					20	8.69	0.32	-	0		
N6087-01	3					50	8.68	0.28	-	0		
N6087-01	4					150	8.66	0.27	-	0		
N6094-02	1	No	7.85	7.32	20.10	0.5	8.73	5.92	2.81	1320	1192.5	pH Adjusted
N6094-02	2					1	8.72	4.56	4.16	1065		
N6094-02	3					2	8.66	0.30	-	0		
N6094-02	4					3	8.65	0.27	-	0		
N6107-01	1	No	7.65	7.20	20.10	5	8.73	8.22	-	0		pH Adjusted
N6107-01	2					20	8.72	8.21	-	0		
N6107-01	3					50	8.71	7.73	-	0		
N6107-01	4					150	8.70	7.71	-	0		
N6107-01DUP	1	No	7.65	7.20	20.10	5	8.72	8.20	-	0		pH Adjusted
N6107-01DUP	2					20	8.71	8.19	-	0		
N6107-01DUP	3					50	8.70	7.71	-	0		
N6107-01DUP	4					150	8.69	7.70	-	0		
N6110-01	1	No	7.70	7.32	20.20	5	8.71	8.02	-	0		pH Adjusted
N6110-01	2					20	8.70	8.00	-	0		
N6110-01	3					50	8.69	7.52	-	0		
N6110-01	4					150	8.67	7.50	-	0		
N6120-01	1	No	7.89	7.28	20.10	0.5	8.54	6.83	-	0	317.85	pH Adjusted
N6120-01	2					1	8.53	6.82	-	0		
N6120-01	3					2	8.52	5.80	2.72	316.5		
N6120-01	4					5	8.41	2.48	5.93	319.2		
N6120-01	5					10	8.27	0.21	-	0		
N6120-05	1	No	7.26	N/A	20.00	0.01	8.57	8.06	-	0	4320	
N6120-05	2					0.05	8.54	6.73	-	0		
N6120-05	3					0.1	8.53	6.48	2.05	4320		
N6120-05	4					0.5	8.50	0.22	-	0		
N6120-05	5					1	8.49	0.16	-	0		

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

WORKLIST(Hardcopy Internal Chain)

6123313

WorkList Name : bod12-16

WorkList ID : 165847

Department : Wet-Chemistry

Date : 12-16-2022 08:33:48

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/17/2022	Water	N6087-01/M	BOD5	Cool 4 deg C	PSEG03	M11	12-15-2022-HOWE-AVE	12/15/2022	SM5210 B
12/17/2022	Water	N6094-02 B	BOD5	Cool 4 deg C	ARDM01	N21	EFF-WW	12/15/2022	SM5210 B
12/17/2022	Water	N6107-01 D	BOD5	Cool 4 deg C	ENV170	N11	COMP-SAMPLE-TANK-18-19-20-21-23	12/15/2022	SM5210 B
12/17/2022	Water	N6110-01 D	BOD5	Cool 4 deg C	ENV170	N11	COMP-SAMPLE-TANK-10-13-14-15-17	12/15/2022	SM5210 B
12/18/2022	Water	N6120-01 C	BOD5	Cool 4 deg C	HOLL01	N12	EFFLUENT	12/16/2022	SM5210 B
12/18/2022	Water	N6120-05 B	BOD5	Cool 4 deg C	HOLL01	N12	INFLUENT	12/16/2022	SM5210 B

Date/Time 12/16/2022 14:30
 Raw Sample Received by: Rm CWC2
 Raw Sample Relinquished by: CWC2 (Sm)

Date/Time 12/16/2022 16:00
 Raw Sample Received by: CWC2 (Sm)
 Raw Sample Relinquished by: Rm CWC2