

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 11/02/2022**QC BATCH ID:** LB122731**BOD Water:** WP99737**Starch:** W2766**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP99739**GGA:** WP99738**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	8.80	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.80	17.6	8.8	8.8

Meter Calibration1: 8.98

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.09 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.69

After Incubation

Meter Calibration2: 8.68

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.07 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.66



QC BATCH ID: LB122731

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 15:00

TIME OUT: 15:30

DATE IN: 11/02/2022

DATE OUT: 11/07/2022

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
LB122731BL	1	No	6.85	N/A	20.20	300	8.65	8.48	0.17	0.17	0.17	
POLYSEED	1					10	8.63	4.86	3.77	0.75	0.66	
POLYSEED	2					15	8.59	4.16	4.43	0.59		
POLYSEED	3					20	8.51	2.21	6.3	0.63		
GGA	1					6	8.59	3.68	4.91	212.5	214.17	
GGA	2					6	8.58	3.64	4.94	214		
GGA	3					6	8.56	3.58	4.98	216		
N5381-01	1	No	7.40	N/A	20.30	5	8.63	7.49	-	0		
N5381-01	2					20	8.61	7.48	-	0		
N5381-01	3					50	8.60	7.29	-	0		
N5381-01	4					150	8.58	7.25	-	0		
N5381-01DUP	1	No	7.40	N/A	20.30	5	8.64	7.50	-	0		
N5381-01DUP	2					20	8.62	7.48	-	0		
N5381-01DUP	3					50	8.61	7.30	-	0		
N5381-01DUP	4					150	8.59	7.28	-	0		
N5381-02	1	No	7.56	7.30	20.40	5	8.64	7.74	-	0		pH Adjusted
N5381-02	2					20	8.62	7.72	-	0		
N5381-02	3					50	8.61	7.71	-	0		
N5381-02	4					150	8.60	7.68	-	0		
N5383-01	1	No	7.58	6.85	20.60	5	8.63	7.33	-	0		pH Adjusted
N5383-01	2					20	8.61	7.31	-	0		
N5383-01	3					50	8.60	7.30	-	0		
N5383-01	4					150	8.59	7.28	-	0		
N5383-02	1	No	7.61	7.20	20.70	5	8.64	7.69	-	0		pH Adjusted
N5383-02	2					20	8.61	7.68	-	0		
N5383-02	3					50	8.60	7.66	-	0		
N5383-02	4					150	8.58	7.38	-	0		
N5385-01	1	No	7.71	6.60	21.20	5	8.63	7.83	-	0		pH Adjusted
N5385-01	2					20	8.62	7.75	-	0		
N5385-01	3					50	8.60	7.72	-	0		
N5385-01	4					150	8.58	7.51	-	0		
N5385-02	1	No	7.66	7.10	20.60	5	8.63	7.84	-	0		pH Adjusted
N5385-02	2					20	8.62	7.69	-	0		
N5385-02	3					50	8.61	7.64	-	0		
N5385-02	4					150	8.57	7.30	-	0		
N5404-01	1	No	7.55	7.20	20.80	5	8.64	7.78	-	0		pH Adjusted
N5404-01	2					20	8.62	7.31	-	0		
N5404-01	3					50	8.60	7.29	-	0		
N5404-01	4					150	8.59	6.82	-	0		
N5404-02	1	No	7.66	7.10	20.40	5	8.64	7.86	-	0		pH Adjusted
N5404-02	2					20	8.62	7.64	-	0		

N5404-02	3					50	8.61	7.46	-	0		
N5404-02	4					150	8.57	6.75	-	0		

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

WORKLIST(Hardcopy Internal Chain)

26122731

WorkList Name : bod11.2

WorkList ID : 164624

Department : Wet-Chemistry

Date : 11-02-2022 09:29:21

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/30/2022	Water	N5381-01	BOD5	Cool 4 deg C	ENV170	F11	265393-7	10/28/2022	SM5210 B
10/30/2022	Water	N5381-02	BOD5	Cool 4 deg C	ENV170	F11	265393-8	10/28/2022	SM5210 B
10/30/2022	Water	N5383-01	BOD5	Cool 4 deg C	ENV170	F11	256317-7	10/28/2022	SM5210 B
10/30/2022	Water	N5383-02	BOD5	Cool 4 deg C	ENV170	F11	256317-8	10/28/2022	SM5210 B
10/30/2022	Water	N5385-01	BOD5	Cool 4 deg C	ENV170	F11	251563-5	10/28/2022	SM5210 B
10/30/2022	Water	N5385-02	BOD5	Cool 4 deg C	ENV170	F11	251563-6	10/28/2022	SM5210 B
11/02/2022	Water	N5404-01	BOD5	Cool 4 deg C	ENV170	F11	551B-3	10/31/2022	SM5210 B
11/02/2022	Water	N5404-02	BOD5	Cool 4 deg C	ENV170	F11	551B-4	10/31/2022	SM5210 B

Date/Time 11-2-22 11:00

Raw Sample Received by: RM (W.C.)

Raw Sample Relinquished by: CP (SM)

Date/Time 11-2-22 16:00

Raw Sample Received by: CP (SM)

Raw Sample Relinquished by: RM (W.C.)