

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 11/23/2022**QC BATCH ID:** LB123016**BOD Water:** WP100002**Starch:** W2977**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP100004**GGA:** WP100003**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:** WP99822

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.70	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.70	17.4	8.7	8.7

Meter Calibration1: 9.16Barometric Pressure1: 760 mmHgZero DO Reading1: 0.08 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.72**After Incubation**Meter Calibration2: 8.75Barometric Pressure2: 750 mmHgZero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.68



QC BATCH ID: LB123016

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 16:00

TIME OUT: 16:30

DATE IN: 11/23/2022

DATE OUT: 11/28/2022

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
LB123016BL	1	No	6.8	N/A	20.40	300	8.71	8.62	0.09	0.09	0.09	
POLYSEED	1					10	8.64	4.20	4.44	0.89	0.76	
POLYSEED	2					15	8.68	3.20	5.48	0.73		
POLYSEED	3					20	8.65	2.18	6.47	0.65		
GGA	1					6	8.61	4.19	4.42	183	184.5	
GGA	2					6	8.62	4.18	4.44	184		
GGA	3					6	8.63	4.14	4.49	186.5		
N5763-01	1	No	7.42	N/A	20.20	1	8.69	7.60	-	0		
N5763-01	2					2	8.68	7.58	-	0		
N5763-01	3					5	8.67	7.52	-	0		
N5763-01	4					10	8.66	7.04	-	0		
N5763-01DUP	1	No	7.42	N/A	20.20	1	8.70	7.62	-	0		
N5763-01DUP	2					2	8.69	7.60	-	0		
N5763-01DUP	3					5	8.68	7.55	-	0		
N5763-01DUP	4					10	8.67	7.07	-	0		
N5763-02	1	No	7.42	N/A	20.10	1	8.64	7.95	-	0	78.15	
N5763-02	2					2	8.62	7.87	-	0		
N5763-02	3					5	8.59	5.89	2.7	116.4		
N5763-02	4					10	8.58	6.49	2.09	39.9		
N5768-02	1	No	6.65	N/A	20.10	0.5	8.60	5.97	2.63	1122	1251	
N5768-02	2					1	8.59	3.23	5.36	1380		
N5768-02	3					2	8.58	0.24	-	0		
N5768-02	4					3	8.56	0.21	-	0		
N5775-01	1	No	8.38	7.20	20.30	5	8.60	8.17	-	0		pH Adjusted
N5775-01	2					20	8.59	7.69	-	0		
N5775-01	3					50	8.57	7.66	-	0		
N5775-01	4					150	8.56	6.71	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod11-23

WorkList ID : 165290

Department : Wet-Chemistry

Date : 11-23-2022 08:25:34

L6123016

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/24/2022	Water	N5763-01	BOD5	Cool 4 deg C	TRIS02	K11	DSN-001-SEWER-OUTLET-001	11/22/2022	SM5210 B
11/24/2022	Water	N5763-02	BOD5	Cool 4 deg C	TRIS02	K11	DSN-002-SEWER-OUTLET-002	11/22/2022	SM5210 B
11/25/2022	Water	N5768-02	BOD5	Cool 4 deg C	ARAM01	N11	COMP	11/23/2022	SM5210 B
11/25/2022	Water	N5775-01	BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	11/23/2022	SM5210 B

Date/Time 11/23/2022 12:40
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: CP(SM)

Date/Time 11/23/2022 15:50
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: RM CWC