

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 12/07/2022**QC BATCH ID:** LB123151**BOD Water:** WP100135**Starch:** W2977**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP100137**GGA:** WP100136**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: 8.48Barometric Pressure1: 760 mmHgZero DO Reading1: 0.09 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.72**After Incubation**Meter Calibration2: 8.56Barometric Pressure2: 760 mmHgZero DO Reading2: 0.08 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.71



QC BATCH ID: LB123151

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 16:10

TIME OUT: 16:20

DATE IN: 12/07/2022

DATE OUT: 12/12/2022

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
LB123151BL	1	No	6.90	N/A	20.10	300	8.70	8.70	0	0	0	
POLYSEED	1					10	8.58	4.22	4.36	0.87	0.64	
POLYSEED	2					15	8.54	4.15	4.39	0.59		
POLYSEED	3					20	8.46	3.90	4.56	0.46		
GGA	1					6	8.56	4.51	4.05	170.5	170.33	
GGA	2					6	8.54	4.39	4.15	175.5		
GGA	3					6	8.52	4.58	3.94	165		
N5939-01	1	No	7.18	N/A	20.40	5	8.67	7.06	-	0	26.28	
N5939-01	2					20	8.64	6.32	2.32	25.2		
N5939-01	3					50	8.41	3.21	5.2	27.36		
N5939-01	4					150	7.62	0.14	-	0		
N5939-01DUP	1	No	7.18	N/A	20.40	5	8.69	7.07	-	0	26.33	
N5939-01DUP	2					20	8.64	6.31	2.33	25.35		
N5939-01DUP	3					50	8.42	3.23	5.19	27.3		
N5939-01DUP	4					150	7.51	0.16	-	0		
N5939-02	1	No	7.19	N/A	20.50	5	8.68	7.62	-	0	26.31	
N5939-02	2					20	8.63	6.51	2.12	22.2		
N5939-02	3					50	8.44	2.73	5.71	30.42		
N5939-02	4					150	7.53	0.14	-	0		

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

WORKLIST(Hardcopy Internal Chain)

6/123151

WorkList Name : bod12-7

WorkList ID : 165554

Department : Wet-Chemistry

Date : 12-07-2022 08:45:58

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/08/2022	Water	N5939-01	BOD5	Cool 4 deg C	TULL01	M12	001-WILLETTS-PT-BLVD(DEC)	12/06/2022	SM5210 B
12/08/2022	Water	N5939-02	BOD5	Cool 4 deg C	TULL01	M12	002-35TH-AVE(DEC)	12/06/2022	SM5210 B

Date/Time 12/7/2022 15:30
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: CP CSM

Date/Time 12/7/2022 16:20
 Raw Sample Received by: CP CSM
 Raw Sample Relinquished by: RM CWC