

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Iwona**Analysis Date:** 10/28/2022**QC BATCH ID:** LB122665**BOD Water:** WP99649**Starch:** W2766**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP99651**GGA:** WP99650**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	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 9.28

Barometric Pressure1: 771 mmHg

Zero DO Reading1: 0.06 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.74

After Incubation

Meter Calibration2: 9.00

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.11 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.65



QC BATCH ID: LB122665

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 16:30

TIME OUT: 17:00

DATE IN: 10/28/2022

DATE OUT: 11/02/2022

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
LB122665BL	1	No	6.8	N/A	20.30	300	8.64	8.60	0.04	0.04	0.04	
POLYSEED	1					10	8.58	5.18	3.4	0.68	0.68	
POLYSEED	2					15	8.51	3.24	5.27	0.7		
POLYSEED	3					20	8.34	1.85	6.49	0.65		
GGA	1					6	8.61	4.30	4.31	181.5	180.33	
GGA	2					6	8.58	4.29	4.29	180.5		
GGA	3					6	8.53	4.27	4.26	179		
N5355-01	1	No	7.56	6.80	20.40	5	8.59	7.79	-	0		pH Adjusted
N5355-01	2					20	8.58	7.65	-	0		
N5355-01	3					50	8.56	7.58	-	0		
N5355-01	4					150	8.55	6.82	-	0		
N5355-01DUP	1	No	7.56	6.80	20.40	5	8.60	7.77	-	0		pH Adjusted
N5355-01DUP	2					20	8.59	7.76	-	0		
N5355-01DUP	3					50	8.57	7.60	-	0		
N5355-01DUP	4					150	8.56	6.85	-	0		
N5355-02	1	No	7.69	6.95	20.20	5	8.63	7.24	-	0	4.22	pH Adjusted
N5355-02	2					20	8.61	7.22	-	0		
N5355-02	3					50	8.60	6.96	-	0		
N5355-02	4					150	8.59	5.80	2.79	4.22		
N5357-01	1	No	7.82	7.02	20.50	5	8.62	7.91	-	0	6.65	pH Adjusted
N5357-01	2					20	8.60	7.82	-	0		
N5357-01	3					50	8.58	6.24	2.34	9.96		
N5357-01	4					150	8.57	6.22	2.35	3.34		
N5357-02	1	No	7.79	6.58	20.70	5	8.63	7.96	-	0		pH Adjusted
N5357-02	2					20	8.62	7.95	-	0		
N5357-02	3					50	8.60	7.76	-	0		
N5357-02	4					150	8.58	7.73	-	0		
N5363-01	1	No	8.26	7.14	20.10	0.5	8.50	3.61	4.89	2526	2236.5	pH Adjusted
N5363-01	2					1	8.49	1.32	7.17	1947		
N5363-01	3					2	8.48	0.94	-	0		
N5363-01	4					5	8.42	0.13	-	0		
N5363-01	5					10	8.27	0.11	-	0		
N5363-05	1	No	4.73	6.68	20.60	0.01	8.54	7.17	-	0	11085	pH Adjusted
N5363-05	2					0.05	8.53	6.02	2.51	10980		
N5363-05	3					0.1	8.50	4.09	4.41	11190		
N5363-05	4					0.5	8.49	0.14	-	0		
N5363-05	5					1	8.47	0.12	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB122665

WorkList Name : bod1028

WorkList ID : 164470

Department : Wet-Chemistry

Date : 10-28-2022 12:29:55

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/29/2022	Water	N5355-01	BOD5	Cool 4 deg C	ENV170	F11	5518-1	10/27/2022	SM5210 B
10/29/2022	Water	N5355-02	BOD5	Cool 4 deg C	ENV170	F11	5518-2	10/27/2022	SM5210 B
10/29/2022	Water	N5357-01	BOD5	Cool 4 deg C	ENV170	F11	5051-1	10/27/2022	SM5210 B
10/29/2022	Water	N5357-02	BOD5	Cool 4 deg C	ENV170	F11	5051-2	10/27/2022	SM5210 B
10/30/2022	Water	N5363-01	BOD5	Cool 4 deg C	HOLL01	N11	EFFLUENT	10/28/2022	SM5210 B
10/30/2022	Water	N5363-05	BOD5	Cool 4 deg C	HOLL01	N11	INFLUENT	10/28/2022	SM5210 B

Date/Time 10/28/22 14:00
 Raw Sample Received by: SJ(WC)
 Raw Sample Relinquished by: CP(SM)

Date/Time 10/28/22 16:30
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: SJ(WC)