

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** Iwona**Analysis Date:** 08/10/2022**QC BATCH ID:** LB121431**BOD Water:** WP98271**Starch:** W2766**Sulfuric acid, 1N:** WP94324**POLYSEED:** WP98273**GGA:** WP98272**Chlorine Strips:** W2011**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP97250**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP98094

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.63

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.10 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.89

After Incubation

Meter Calibration2: 8.77

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.09 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB121431

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 09:00

TIME OUT: 14:00

DATE IN: 08/10/2022

DATE OUT: 08/15/2022

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
LB121431BL	1	No	6.0	N/A	21.20	300	8.88	8.75	0.13	0.13	0.13	
POLYSEED	1					10	8.83	4.25	4.58	0.92	0.79	
POLYSEED	2					15	8.82	3.33	5.49	0.73		
POLYSEED	3					20	8.80	1.65	7.15	0.72		
GGA	1					6	8.70	4.35	4.35	178	197.5	
GGA	2					6	8.71	3.65	5.06	213.5		
GGA	3					6	8.72	3.91	4.81	201		
N4097-01	1	No	7.49	N/A	21.20	5	8.79	7.70	-	0		
N4097-01	2					20	8.77	7.62	-	0		
N4097-01	3					50	8.75	7.60	-	0		
N4097-01	4					150	8.74	7.58	-	0		
N4097-01DUP	1	No	7.49	N/A	21.20	5	8.80	7.72	-	0		
N4097-01DUP	2					20	8.78	7.65	-	0		
N4097-01DUP	3					50	8.77	7.62	-	0		
N4097-01DUP	4					150	8.75	7.60	-	0		

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

LB121431

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod81022 WorkList ID : 162163 Department : Wet-Chemistry Date : 08-10-2022 08:27:46

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/09/2022	Water	N4097-01	BOD5	Cool 4 deg C	SCIE01	N11	0172A	08/08/2022	SM5210 B

Date/Time 08/10/22 08:30
Raw Sample Received by: RS(WC)
Raw Sample Relinquished by: RS(WC)

Date/Time 08/10/22 09:05
Raw Sample Received by: RS(WC)
Raw Sample Relinquished by: RS(WC)