

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 04/21/2022**QC BATCH ID:** LB119791**BOD Water:** WP96395**Starch:** W2766**Sulfuric acid, 1N:** M5038**POLYSEED:** WP96398**GGA:** WP96397**Chlorine Strips:** W2543**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP94570**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP96043

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.94

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 9.10

After Incubation

Meter Calibration2: 8.94

Barometric Pressure2: 760 mmHg

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

Winkler titrated BOD fluid DO reading2: 9.05



QC BATCH ID: LB119791

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 18:00

TIME OUT: 11:00

DATE IN: 04/21/2022

DATE OUT: 04/26/2022

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
LB119791BL	1	No	6.4	N/A	21.20	300	9.08	8.90	0.18	0.18	0.18	
POLYSEED	1					10	9.07	5.91	3.16	0.63	0.62	
POLYSEED	2					15	9.04	4.40	4.64	0.62		
POLYSEED	3					20	9.02	2.90	6.12	0.61		
GGA	1					6	8.98	4.18	4.8	209	204.33	
GGA	2					6	8.97	4.30	4.67	202.5		
GGA	3					6	8.96	4.31	4.65	201.5		
N2483-02	1	No	5.85	7.20	21.40	0.5	9.06	7.30	-	0	640	pH Adjusted
N2483-02	2					1	9.01	5.78	3.23	783		
N2483-02	3					2	9.00	4.36	4.64	603		
N2483-02	4					3	8.95	2.99	5.96	534		
N2499-01	1	No	8.28	7.20	21.20	5	8.98	8.22	-	0	3.62	pH Adjusted
N2499-01	2					20	8.96	7.79	-	0		
N2499-01	3					50	8.95	7.77	-	0		
N2499-01	4					150	8.93	6.50	2.43	3.62		
N2499-01DUP	1	No	8.28	7.20	21.20	5	9.00	8.25	-	0	3.58	pH Adjusted
N2499-01DUP	2					20	8.98	7.80	-	0		
N2499-01DUP	3					50	8.96	7.78	-	0		
N2499-01DUP	4					150	8.93	6.52	2.41	3.58		
N2519-01	1	No	5.94	7.20	20.30	5	9.08	8.17	-	0		pH Adjusted
N2519-01	2					20	9.06	7.95	-	0		
N2519-01	3					50	9.05	7.78	-	0		
N2519-01	4					150	9.03	7.32	-	0		
N2519-03	1	No	6.65	N/A	20.40	5	8.98	8.63	-	0		
N2519-03	2					20	8.97	8.55	-	0		
N2519-03	3					50	8.95	8.42	-	0		
N2519-03	4					150	8.93	7.13	-	0		
N2519-05	1	No	6.72	N/A	20.30	5	8.99	8.57	-	0		
N2519-05	2					20	8.97	8.52	-	0		
N2519-05	3					50	8.95	7.55	-	0		
N2519-05	4					150	8.93	7.26	-	0		
N2519-07	1	No	6.59	N/A	20.50	5	9.01	8.51	-	0		
N2519-07	2					20	8.98	7.74	-	0		
N2519-07	3					50	8.96	7.54	-	0		
N2519-07	4					150	8.95	7.07	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB119791

WorkList Name : bod42122 WorkList ID : 158891 Department : Wet-Chemistry Date : 04-21-2022 14:02:09

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/22/2022	Water	N2483-02	BOD5	Cool 4 deg C	ARAM01	N12	COMP	04/20/2022	SM5210 B
04/22/2022	Water	N2499-01	BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	04/20/2022	SM5210 B
04/22/2022	Water	N2519-01	BOD5	Cool 4 deg C	LOCK01	P11	MW-1	04/20/2022	SM5210 B
04/22/2022	Water	N2519-03	BOD5	Cool 4 deg C	LOCK01	P11	MW-2	04/20/2022	SM5210 B
04/22/2022	Water	N2519-05	BOD5	Cool 4 deg C	LOCK01	P11	MW-3	04/20/2022	SM5210 B
04/22/2022	Water	N2519-07	BOD5	Cool 4 deg C	LOCK01	P11	MW-4	04/20/2022	SM5210 B

Date/Time 04/21/22 19:00
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: MCK

Date/Time 04/21/22 18:05
 Raw Sample Received by: MCK
 Raw Sample Relinquished by: KS(wc)