

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 04/14/2022**QC BATCH ID:** LB119700**BOD Water:** WP96329**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2766**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP94324**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP96331**NaOH, 1N:** WP95405**GGA:** WP96330**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W2716**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	9.0	9	8.95
WINKLER 2	WINKLER 2	2	300	9.0	17.9	8.9	8.95

Meter Calibration1: 9.10

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

Barometric Pressure1: 750 mmHg

Winkler titrated BOD fluid DO reading1: 9.15

After Incubation

Meter Calibration2: 9.10

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

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 9.18



QC BATCH ID: LB119700

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:45

TIME OUT: 12:30

DATE IN: 04/14/2022

DATE OUT: 04/19/2022

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
LB119700BL	1	No	6.05	N/A	24.00	300	9.20	9.15	0.05	0.05	0.05	
POLYSEED	1					10	9.18	5.43	3.75	0.75	0.78	
POLYSEED	2					15	9.17	2.98	6.19	0.83		
POLYSEED	3					20	9.05	1.41	7.64	0.76		
GGA	1					6	9.17	4.75	4.42	182	200.83	
GGA	2					6	9.18	4.18	5	211		
GGA	3					6	9.16	4.19	4.97	209.5		
N2382-02	1	No	7.72	N/A	19.20	0.5	9.10	7.07	2.03	750	540	
N2382-02	2					1.0	9.11	6.66	2.45	501		
N2382-02	3					2	9.05	5.15	3.9	468		
N2382-02	4					3	9.05	3.86	5.19	441		
N2399-01	1	No	8.25	7.15	19.50	5	9.18	7.99	-	0		pH Adjusted
N2399-01	2					20	9.19	7.95	-	0		
N2399-01	3					50	9.18	7.92	-	0		
N2399-01	4					150	9.21	7.27	-	0		
N2400-01	1	No	7.29	N/A	20.00	5	9.12	7.24	-	0	55.42	
N2400-01	2					10	9.06	6.48	2.58	54		
N2400-01	3					20	8.92	4.35	4.57	56.85		
N2400-01	4					50	8.49	0.58	-	0		
N2400-01DUP	1	No	7.29	N/A	20.00	5	9.11	7.20	-	0	54.45	
N2400-01DUP	2					10	9.07	6.55	2.52	52.2		
N2400-01DUP	3					20	8.94	4.38	4.56	56.7		
N2400-01DUP	4					50	8.52	0.60	-	0		

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

WORKLIST(Hardcopy Internal Chain)

43119658 43119700

WorkList Name : BOD5-041422 WorkList ID : 158677 Department : Wet-Chemistry Date : 04-14-2022 09:11:15

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/15/2022	Water	N2382-02	BOD5	Cool 4 deg C	ARAM01	N21	COMP	04/13/2022	SM5210 B
04/15/2022	Water	N2399-01	BOD5	Cool 4 deg C	INFR01	N21	QUARTERLY-OUTFALL-002	04/13/2022	SM5210 B
04/15/2022	Water	N2400-01	BOD5	Cool 4 deg C	INFR01	N11	QUARTERLY-INFLUENT	04/13/2022	SM5210 B

Date/Time 4/14/22 14:30
 Raw Sample Received by: AD (vog) 43119658
 Raw Sample Relinquished by: AD (vog) 43119700

Date/Time 4/14/22 15:50
 Raw Sample Received by: AD (vog) 43119658
 Raw Sample Relinquished by: AD (vog) 43119700