

**BOD5 LOG****ANALYST:** JIGNESH**SUPERVISOR:** apatel**Analysis Date:** 03/24/2022**QC BATCH ID:** LB119333**BOD Water:** WP95945**Starch:** W2766**Sulfuric acid, 1N:** M5038**POLYSEED:** WP95948**GGA:** WP95947**Chlorine Strips:** W2011**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:** WP95554

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.90	8.9	8.9
WINKLER 2	WINKLER 2	2	300	8.90	17.8	8.9	8.9

Meter Calibration1: 8.95

Barometric Pressure1: 755 mmHg

Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 9.22

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 9.11



QC BATCH ID: LB119333

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 14:30

TIME OUT: 12:45

DATE IN: 03/24/2022

DATE OUT: 03/29/2022

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
LB119333BL	1	No	6.0	N/A	20.80	300	8.89	8.88	0.01	0.01	0.01	
POLYSEED	1					10	8.79	6.09	2.7	0.54	0.59	
POLYSEED	2					15	8.74	4.28	4.46	0.59		
POLYSEED	3					20	8.73	2.26	6.47	0.65		
GGA	1					6	8.76	4.08	4.68	204.5	193	
GGA	2					6	8.74	4.28	4.46	193.5		
GGA	3					6	8.71	4.50	4.21	181		
N1873-03	1	No	2.12	7.11	20.30	1	8.79	7.87	-	0	82.35	pH Adjusted
N1873-03	2					5	8.77	6.80	-	0		
N1873-03	3					20	8.75	2.67	6.08	82.35		
N1873-03	4					50	8.73	0.33	-	0		
N2080-02	1	No	6.24	N/A	20.40	0.5	8.79	7.49	-	0	523.17	
N2080-02	2					1	8.77	6.33	2.44	555		
N2080-02	3					2	8.76	4.94	3.82	484.5		
N2080-02	4					3	8.75	2.86	5.89	530		
N2087-01	1	No	8.31	6.99	20.50	5	8.78	8.25	-	0	3.98	pH Adjusted
N2087-01	2					20	8.76	7.70	-	0		
N2087-01	3					50	8.78	7.93	-	0		
N2087-01	4					150	8.80	6.22	2.58	3.98		
N2087-01DUP	1	No	8.31	6.99	20.50	5	8.79	8.22	-	0	3.98	pH Adjusted
N2087-01DUP	2					20	8.78	7.71	-	0		
N2087-01DUP	3					50	8.80	7.91	-	0		
N2087-01DUP	4					150	8.83	6.25	2.58	3.98		

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

119333

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD N2080 WorkList ID : 158019 Department : Wet-Chemistry Date : 03-24-2022 12:56:32

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample		Customer Sample	Collect Date	Method
						Storage	Location			
03/25/2022	Water	N2080-02	BOD5	Cool 4 deg C	ARAM01	N23	COMP		03/23/2022	SM5210 B
03/25/2022	Water	N2087-01	BOD5	Cool 4 deg C	INFR01	N22	WEEKLY-OUTFALL-002		03/23/2022	SM5210 B

Date/Time 03/24/22 16:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by: CP SM

Date/Time 03/24/22 16:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by: CP SM