

**BOD5 LOG****ANALYST:** JIGNESH**SUPERVISOR:** apatel**Analysis Date:** 04/07/2022**QC BATCH ID:** LB119588**BOD Water:** WP96230**Starch:** W2766**Sulfuric acid, 1N:** WP94324**POLYSEED:** WP96231**GGA:** WP96232**Chlorine Strips:** W2011**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP95405**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: 9.00

Barometric Pressure1: 750 mmHg

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

Winkler titrated BOD fluid DO reading1: 9.05

After Incubation

Meter Calibration2: 9.09

Barometric Pressure2: 755 mmHg

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

Winkler titrated BOD fluid DO reading2: 9.15

QC BATCH ID: LB119588

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 12:45

TIME OUT: 13:10

DATE IN: 04/07/2022

DATE OUT: 04/12/2022

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
LB119588BL	1	No	6.05	N/A	20.80	300	9.10	9.09	0.01	0.01	0.01	
POLYSEED	1					10	9.05	4.86	4.19	0.84	0.76	
POLYSEED	2					15	9.04	3.69	5.35	0.71		
POLYSEED	3					20	9.01	1.86	7.15	0.72		
GGA	1					6	9.03	4.16	4.87	205.5	214.5	
GGA	2					6	9.08	3.97	5.11	217.5		
GGA	3					6	9.06	3.89	5.17	220.5		
N2285-02	1	No	6.09	N/A	20.30	0.5	9.06	7.19	-	0	546	
N2285-02	2					1.0	9.07	6.32	2.75	597		
N2285-02	3					2.0	9.04	4.52	4.52	564		
N2285-02	4					3.0	9.05	3.52	5.53	477		
N2286-01	1	No	8.10	7.06	20.50	2	9.05	7.88	-	0	27.93	pH Adjusted
N2286-01	2					10	9.08	7.79	-	0		
N2286-01	3					20	9.11	6.29	2.82	30.9		
N2286-01	4					50	9.11	4.19	4.92	24.96		
N2297-01	1	No	8.13	7.11	20.10	5	9.06	8.22	-	0	3.7	pH Adjusted
N2297-01	2					20	9.07	8.00	-	0		
N2297-01	3					50	9.09	7.89	-	0		
N2297-01	4					150	9.27	6.66	2.61	3.7		
N2299-01	1	No	7.19	N/A	20.60	5	8.96	7.47	-	0	30.3	
N2299-01	2					20	8.73	5.73	3	33.6		
N2299-01	3					50	8.21	2.95	5.26	27		
N2299-01	4					150	6.26	0.2	-	0		
N2299-02	1	No	7.05	N/A	20.50	5	8.94	7.24	-	0	23.25	
N2299-02	2					20	8.75	6.45	2.3	23.1		
N2299-02	3					50	8.34	3.68	4.66	23.4		
N2299-02	4					150	6.19	0.18	-	0		
N2299-02DUP	1	No	7.05	N/A	20.50	5	8.92	7.26	-	0	23.66	
N2299-02DUP	2					20	8.77	6.44	2.33	23.55		
N2299-02DUP	3					50	8.38	3.66	4.72	23.76		
N2299-02DUP	4					150	6.25	0.21	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-040722

WorkList ID : 158473

Department : Wet-Chemistry

Date : 04-07-2022 12:01:29

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/08/2022	Water	N2285-02	BOD5	Cool 4 deg C	ARAM01	N21	COMP	04/06/2022	SM5210 B
04/08/2022	Water	N2286-01	BOD5	Cool 4 deg C	M&MM01	O11	1C	04/06/2022	SM5210 B
04/08/2022	Water	N2297-01	BOD5	Cool 4 deg C	INFR01	N22	WEEKLY-OUTFALL-002	04/06/2022	SM5210 B
04/07/2022	Water	N2299-01	BOD5	Cool 4 deg C	TULL01	N22	001-WILLETS-PT-BLVD(APR)	04/05/2022	SM5210 B
04/07/2022	Water	N2299-02	BOD5	Cool 4 deg C	TULL01	N22	002-35TH-AVE(APR)	04/05/2022	SM5210 B

Date/Time 4/7/22 12:10
 Raw Sample Received by: AD Woy
 Raw Sample Relinquished by: JD CSM

Date/Time 4/7/22 13:30
 Raw Sample Received by: JD CSM
 Raw Sample Relinquished by: AD Woy