

**BOD5 LOG****ANALYST:** Rubina**SUPERVISOR:** Sohil**Analysis Date:** 10/20/2022**QC BATCH ID:** LB122550**BOD Water:** WP99503**Starch:** W2766**Sulfuric acid, 1N:** WP97258**POLYSEED:** WP99505**GGA:** WP99504**Chlorine Strips:** W2011**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2913**Alkaline Iodide Azide:** W2914**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP97250**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP99283

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	8.65
WINKLER 2	WINKLER 2	2	300	8.8	17.3	8.5	8.65

Meter Calibration1: 8.6Barometric Pressure1: 760 mmHgZero DO Reading1: 0.07 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.69**After Incubation**Meter Calibration2: 8.76Barometric Pressure2: 755 mmHgZero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.65



QC BATCH ID: LB122550

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 13:30

TIME OUT: 14:00

DATE IN: 10/20/2022

DATE OUT: 10/25/2022

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
LB122550BL	1	No	7.20	N/A	20.60	300	8.71	8.66	0.05	0.05	0.05	
POLYSEED	1					10	8.68	5.32	3.36	0.67	0.67	
POLYSEED	2					15	8.66	3.88	4.78	0.64		
POLYSEED	3					20	8.64	1.66	6.98	0.7		
GGA	1					6	8.68	3.91	4.77	205	204.83	
GGA	2					6	8.67	3.90	4.77	205		
GGA	3					6	8.65	3.89	4.76	204.5		
N5192-02	1	No	6.43	7.20	20.80	0.5	8.70	4.03	4.67	2400	2400	pH Adjusted
N5192-02	2					1	8.69	0.50	-	0		
N5192-02	3					2	8.67	0.18	-	0		
N5192-02	4					3	8.62	0.17	-	0		
N5197-01	1	No	8.41	6.86	20.00	5	8.69	7.91	-	0	4.76	pH Adjusted
N5197-01	2					20	8.65	7.69	-	0		
N5197-01	3					50	8.61	7.36	-	0		
N5197-01	4					150	8.39	5.34	3.05	4.76		
N5198-01	1	No	7.46	N/A	20.80	5	8.69	7.84	-	0		
N5198-01	2					20	8.68	7.82	-	0		
N5198-01	3					50	8.63	7.59	-	0		
N5198-01	4					150	8.43	7.10	-	0		
N5200-01	1	No	7.93	6.82	20.70	5	8.67	7.84	-	0	8.52	pH Adjusted
N5200-01	2					20	8.61	7.57	-	0		
N5200-01	3					50	8.52	7.13	-	0		
N5200-01	4					150	8.02	3.09	4.93	8.52		
N5200-01DUP	1	No	7.93	6.82	20.30	5	8.70	7.81	-	0	9.68	pH Adjusted
N5200-01DUP	2					20	8.68	7.60	-	0		
N5200-01DUP	3					50	8.65	7.15	-	0		
N5200-01DUP	4					150	8.62	3.11	5.51	9.68		

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

WORKLIST(Hardcopy Internal Chain)

LB 122550

WorkList Name : bod1020

WorkList ID : 164226

Department : Wet-Chemistry

Date : 10-20-2022 10:23:27

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/21/2022	Water	N5192-02	BOD5	Cool 4 deg C	ARAM01	N11	COMP	10/19/2022	SM5210 B
10/21/2022	Water	N5197-01	BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	10/19/2022	SM5210 B
10/16/2022	Water	N5198-01	BOD5	Cool 4 deg C	INFR01	N11	SWB-L-(114)	10/14/2022	SM5210 B
10/16/2022	Water	N5200-01	BOD5	Cool 4 deg C	INFR01	N11	Semi-Annual-SWB-N-(Outfall-116)	10/14/2022	SM5210 B

Date/Time 10/20/2022 10:30
 Raw Sample Received by: SI(WC)
 Raw Sample Relinquished by: CP(SM)

Date/Time 10/20/2022 14:00
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: SI(WC)