

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 09/22/2022QC BATCH ID: LB122138BOD Water: WP99065MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP94324Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP99066NaOH, 1N: WP97250GGA: WP99067IncubatorID: INCUBATOR #3Chlorine Strips: W2011GuageID: 0511064pH Strips: W2716Zero DO: WP98094

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	8.8
WINKLER 2	WINKLER 2	2	300	8.8	17.6	8.8	8.8

Meter Calibration1: 8.90Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure1: 750 mmHgWinkler titrated BOD fluid DO reading1: 8.78**After Incubation**Meter Calibration2: 8.79Zero DO Reading2: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure2: 755 mmHgWinkler titrated BOD fluid DO reading2: 8.78

QC BATCH ID: LB122138

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:30

TIME OUT: 17:00

DATE IN: 09/22/2022

DATE OUT: 09/27/2022

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
LB122138BL	1	No	6.8	N/A	21.20	300	8.82	8.77	0.05	0.05	0.05	
POLYSEED	1					10	8.80	4.98	3.82	0.76	0.72	
POLYSEED	2					15	8.77	3.91	4.86	0.65		
POLYSEED	3					20	8.71	1.19	7.52	0.75		
GGA	1					6	8.82	4.40	4.42	185	200.83	
GGA	2					6	8.75	4.00	4.75	201.5		
GGA	3					6	8.81	3.77	5.04	216		
N4727-02	1	No	6.85	N/A	20.10	0.5	8.80	6.73	2.07	810	740.88	
N4727-02	2					1	8.79	5.41	3.38	798		
N4727-02	3					2	8.78	3.53	5.25	679.5		
N4727-02	4					3	8.76	1.28	7.48	676		
N4754-01	1	No	8.53	7.20	18.60	5	8.81	7.63	-	0	4.7	pH Adjusted
N4754-01	2					20	8.80	7.40	-	0		
N4754-01	3					50	8.78	7.24	-	0		
N4754-01	4					150	8.54	5.47	3.07	4.7		
N4756-01	1	No	6.00	7.20	17.50	5	8.80	6.75	2.05	79.8	80.63	pH Adjusted
N4756-01	2					20	8.58	2.43	6.15	81.45		
N4756-01	3					50	8.00	0.28	-	0		
N4756-01	4					150	5.56	0.24	-	0		
N4758-01	1	No	7.23	N/A	21.50	5	8.82	6.42	2.4	100.8	94.72	
N4758-01	2					20	8.63	2.00	6.63	88.65		
N4758-01	3					50	7.95	0.24	-	0		
N4758-01	4					150	5.20	0.22	-	0		
N4758-01DUP	1	No	7.23	N/A	21.50	5	8.80	6.48	2.32	96	91.13	
N4758-01DUP	2					20	8.52	2.05	6.47	86.25		
N4758-01DUP	3					50	7.86	0.25	-	0		
N4758-01DUP	4					150	5.19	0.23	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 122138

WorkList Name : BOD5-0922

WorkList ID : 163448

Department : Wet-Chemistry

Date : 09-22-2022 16:19:37

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/23/2022	Water	N4727-02A	BOD5	Cool 4 deg C	ARAM01	N11	COMP	09/21/2022	SM5210 B
09/23/2022	Water	N4754-01C	BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	09/21/2022	SM5210 B
09/24/2022	Water	N4756-01E	BOD5	Cool 4 deg C	URBA02	N11	PIT	09/22/2022	SM5210 B
09/24/2022	Water	N4758-01E	BOD5	Cool 4 deg C	URBA02	N11	PIT	09/22/2022	SM5210 B

Date/Time 9/22/22 16:20
 Raw Sample Received by: SJ(wc)
 Raw Sample Relinquished by: CP(sm)

Date/Time 9/22/22 17:30
 Raw Sample Received by: CP(sm)
 Raw Sample Relinquished by: SJ(wc)