

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 03/31/2022QC BATCH ID: LB119456BOD Water: WP96096MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: M5038Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP96098NaOH, 1N: WP94570GGA: WP96097IncubatorID: INCUBATOR#3Chlorine Strips: W2011GuageID: 0511064pH Strips: W2716Zero 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	8.7	8.7	8.8
WINKLER 2	WINKLER 2	2	300	8.7	17.6	8.9	8.8

Meter Calibration1: 8.91Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.88**After Incubation**Meter Calibration2: 9.00Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 9.05



QC BATCH ID: LB119456

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 11:00

TIME OUT: 11:30

DATE IN: 03/31/2022

DATE OUT: 04/05/2022

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
LB119456BL	1	No	6.0	N/A	20.80	300	8.92	8.89	0.03	0.03	0.03	
POLYSEED	1					10	8.89	6.04	2.85	0.57	0.61	
POLYSEED	2					15	8.85	4.51	4.34	0.58		
POLYSEED	3					20	8.84	1.99	6.85	0.69		
GGA	1					6	8.84	4.30	4.54	196.5	195.33	
GGA	2					6	8.85	4.36	4.49	194		
GGA	3					6	8.86	4.34	4.52	195.5		
N2168-01	1	No	4.93	7.2	20.70	0.5	8.87	8.15	-	0	355.4	pH Adjusted
N2168-01	2					1	8.81	6.62	2.19	474		
N2168-01	3					2	8.81	6.30	2.51	285		
N2168-01	4					5	8.75	3.02	5.73	307.2		
N2168-05	1	No	4.50	7.2	20.70	0.05	8.85	7.22	-	0	9480	pH Adjusted
N2168-05	2					0.1	8.83	5.06	3.77	9480		
N2168-05	3					0.5	8.48	0.24	-	0		
N2168-05	4					1	8.56	0.19	-	0		
N2173-02	1	No	6.24	N/A	20.80	0.5	9.01	7.19	-	0	605.67	
N2173-02	2					1	9.04	6.43	2.61	600		
N2173-02	3					2	9.01	3.88	5.13	678		
N2173-02	4					3	9.05	3.05	6	539		
N2189-01	1	No	8.26	N/A	20.70	5	9.09	8.25	-	0		
N2189-01	2					20	9.05	7.69	-	0		
N2189-01	3					50	9.26	7.72	-	0		
N2189-01	4					150	8.89	6.98	-	0		
N2197-01	1	No	6.70	N/A	20.80	5	9.08	7.53	-	0		
N2197-01	2					20	8.99	7.65	-	0		
N2197-01	3					50	8.97	7.48	-	0		
N2197-01	4					150	8.80	7.06	-	0		
N2197-01DUP	1	No	6.70	N/A	20.80	5	9.09	7.51	-	0		
N2197-01DUP	2					20	8.98	7.64	-	0		
N2197-01DUP	3					50	8.99	7.45	-	0		
N2197-01DUP	4					150	8.82	7.04	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod n2168 WorkList ID : 158204 Department : Wet-Chemistry Date : 03-31-2022 10:04:17

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/31/2022	Water	N2168-01	BOD5	Cool 4 deg C	HOLL01	N11	EFFLUENT	03/29/2022	SM5210 B
03/31/2022	Water	N2168-05	BOD5	Cool 4 deg C	HOLL01	N11	INFLUENT	03/29/2022	SM5210 B
04/01/2022	Water	N2173-02	BOD5	Cool 4 deg C	ARAM01	N22	COMP	03/30/2022	SM5210 B
04/01/2022	Water	N2189-01	BOD5	Cool 4 deg C	INFR01	N31	WEEKLY-OUTFALL-002	03/30/2022	SM5210 B
04/01/2022	Water	N2197-01	BOD5	Cool 4 deg C	ENVI27	O11	DEWATERING-EFFLUENT-033022	03/30/2022	SM5210 B

Date/Time 03/31/22 10:10

Raw Sample Received by: JDC

Raw Sample Relinquished by: JDC

Date/Time 03/31/22

Raw Sample Received by: JDC

Raw Sample Relinquished by: JDC

121.00