

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 10/12/2022QC BATCH ID: LB122443BOD Water: WP99355MANGANOUS SULFATE SOLUTION: W2913Starch: W2766Alkaline Iodide Azide: W2914Sulfuric acid, 1N: WP97258Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP99356NaOH, 1N: WP97250GGA: WP99357IncubatorID: INCUBATOR #3Chlorine Strips: W2011GuageID: 0511064pH Strips: W2716Zero 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	8.65	8.65	8.65
WINKLER 2	WINKLER 2	2	300	8.65	17.3	8.65	8.65

Meter Calibration1: 8.95Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.75**After Incubation**Meter Calibration2: 8.96Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)Barometric Pressure2: 750 mmHgWinkler titrated BOD fluid DO reading2: 8.68



QC BATCH ID: LB122443

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 13:35

TIME OUT: 14:00

DATE IN: 10/12/2022

DATE OUT: 10/17/2022

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
LB122443BL	1	No	6.8	N/A	20.20	300	8.77	8.68	0.09	0.09	0.09	
POLYSEED	1					10	8.72	5.25	3.47	0.69	0.64	
POLYSEED	2					15	8.71	4.68	4.03	0.54		
POLYSEED	3					20	8.70	1.67	7.03	0.7		
GGA	1					6	8.67	4.35	4.32	184	186	
GGA	2					6	8.66	4.50	4.16	176		
GGA	3					6	8.72	4.12	4.6	198		
N5089-01	1	No	7.32	N/A	20.70	5	8.71	7.86	-	0	13.52	
N5089-01	2					20	8.70	7.46	-	0		
N5089-01	3					50	8.58	4.62	3.96	19.92		
N5089-01	4					150	8.35	4.15	4.2	7.12		
N5089-02	1	No	7.10	N/A	20.60	5	8.73	7.45	-	0	7.04	
N5089-02	2					20	8.68	6.86	-	0		
N5089-02	3					50	8.57	6.74	-	0		
N5089-02	4					150	8.16	4.00	4.16	7.04		
N5089-02DUP	1	No	7.10	N/A	20.60	5	8.72	7.47	-	0	7.42	
N5089-02DUP	2					20	8.66	6.84	-	0		
N5089-02DUP	3					50	8.54	6.68	-	0		
N5089-02DUP	4					150	8.20	3.85	4.35	7.42		

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

WORKLIST(Hardcopy Internal Chain)

LB 122443

WorkList Name : bod-1012

WorkList ID : 164008

Department : Wet-Chemistry

Date : 10-12-2022 12:21:07

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/08/2022	Water	N5089-01	E BOD5	Cool 4 deg C	TULL01	C-11	001-WILLETTS-PT-BLVD(OCT)	10/06/2022	SM5210 B
10/08/2022	Water	N5089-02	D BOD5	Cool 4 deg C	TULL01	C-11	002-35TH-AVE(OCT)	10/06/2022	SM5210 B

Date/Time 10/12/22 12:30
 Raw Sample Received by: SP(WC)
 Raw Sample Relinquished by: CP(SM)

Date/Time 10/12/22 14:00
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: SP(WC)