

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 09/09/2022QC BATCH ID: LB121995BOD Water: WP98893MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP88863Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP98895NaOH, 1N: WP97250GGA: WP98897IncubatorID: 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	8.4	8.4	8.25
WINKLER 2	WINKLER 2	2	300	8.4	16.5	8.1	8.25

Meter Calibration1: 8.54Zero DO Reading1: 0.02 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHgWinkler titrated BOD fluid DO reading1: 8.56**After Incubation**Meter Calibration2: 8.53Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure2: 755 mmHgWinkler titrated BOD fluid DO reading2: 8.50



QC BATCH ID: LB121995

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:30

TIME OUT: 17:00

DATE IN: 09/09/2022

DATE OUT: 09/14/2022

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
LB121995BL	1	No	6.0	N/A	22.40	300	8.54	8.49	0.05	0.05	0.05	
POLYSEED	1					10	8.52	4.55	3.97	0.79	0.69	
POLYSEED	2					15	8.47	3.43	5.04	0.67		
POLYSEED	3					20	8.45	2.37	6.08	0.61		
GGA	1					6	8.53	4.06	4.47	189	169.17	
GGA	2					6	8.50	4.50	4	165.5		
GGA	3					6	8.49	4.74	3.75	153		
N4574-01	1	No	6.92	N/A	24.00	5	8.53	8.43	-	0	76.95	
N4574-01	2					20	8.05	2.23	5.82	76.95		
N4574-01	3					50	7.60	0.17	-	0		
N4574-01	4					150	5.47	0.14	-	0		
N4574-01DUP	1	No	7.06	N/A	23.90	5	8.50	8.40	-	0	76.2	
N4574-01DUP	2					20	8.02	2.25	5.77	76.2		
N4574-01DUP	3					50	7.62	0.16	-	0		
N4574-01DUP	4					150	5.36	0.15	-	0		
N4574-02	1	No	7.06	N/A	23.90	5	8.52	8.48	-	0	83.7	
N4574-02	2					20	8.22	1.95	6.27	83.7		
N4574-02	3					50	7.57	0.16	-	0		
N4574-02	4					150	5.30	0.14	-	0		

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

LB121995

WORKLIST(Hardcopy Internal Chain)

WorkList Name : N4574-bod WorkList ID : 163159 Department : Wet-Chemistry Date : 09-09-2022 16:02:08

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/10/2022	Water	N4574-01	E BOD5	Cool 4 deg C	TULL01	N11	001-WILLETS-PT-BLVD(SEP)	09/08/2022	SM5210 B
09/10/2022	Water	N4574-02	F BOD5	Cool 4 deg C	TULL01	N11	002-35TH-AVE(SEP)	09/08/2022	SM5210 B

Date/Time 9/9/2022 16:05
Raw Sample Received by: SJ (wetchem)
Raw Sample Relinquished by: CP CSM

Date/Time 9/9/2022 17:00
Raw Sample Received by: CP (SM)
Raw Sample Relinquished by: SJ (wetchem)