

**BOD5 LOG**ANALYST: JigneshSUPERVISOR: IwonaAnalysis Date: 08/25/2022QC BATCH ID: LB121718BOD Water: wp98637Starch: W2766Sulfuric acid, 1N: WP94324POLYSEED: WP98639GGA: WP98638Chlorine Strips: W2011pH Strips: W2716MANGANOUS SULFATE SOLUTION: W2767Alkaline Iodide Azide: W2742Sodium Thiosulfate, 0.025N: W2843NaOH, 1N: WP97250IncubatorID: INCUBATOR #3GuageID: 0511064Zero 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	8.91	8.91	9.1
WINKLER 2	WINKLER 2	2	300	8.91	18.2	9.29	9.1

Meter Calibration1: 9.10Barometric Pressure1: 760 mmHgZero DO Reading1: 0.07 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 9.14**After Incubation**Meter Calibration2: 8.58Barometric Pressure2: 750 mmHgZero DO Reading2: 0.08 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB121718

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 11:00

TIME OUT: 13:00

DATE IN: 08/25/2022

DATE OUT: 08/30/2022

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
LB121718BL	1	No	6.0	N/A	20.80	300	8.99	8.54	0.45	0.45	0.45	
POLYSEED	1					10	8.98	4.00	4.98	1	0.81	
POLYSEED	2					15	8.96	3.20	5.76	0.77		
POLYSEED	3					20	8.94	2.40	6.54	0.65		
GGA	1					6	8.91	3.85	5.06	212.5	223	
GGA	2					6	8.88	3.56	5.32	225.5		
GGA	3					6	8.85	3.42	5.43	231		
N4331-02	1	No	5.99	7.2	20.30	0.5	8.80	5.58	3.22	1446	924.13	pH Adjusted
N4331-02	2					1	8.77	4.65	4.12	993		
N4331-02	3					2	8.72	3.26	5.46	697.5		
N4331-02	4					3	8.67	2.26	6.41	560		
N4331-02DUP	1	No	5.99	7.2	20.30	0.5	8.82	5.69	3.13	1392	892.88	pH Adjusted
N4331-02DUP	2					1	8.79	4.81	3.98	951		
N4331-02DUP	3					2	8.74	3.64	5.1	643.5		
N4331-02DUP	4					3	8.69	2.03	6.66	585		
N4343-01	1	No	8.49	N/A	20.20	5	8.88	7.66	-	0	15.8	
N4343-01	2					20	8.87	6.53	2.34	22.95		
N4343-01	3					50	8.81	5.22	3.59	16.68		
N4343-01	4					150	8.76	4.07	4.69	7.76		

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

203121718

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD N4331 WorkList ID : 162635 Department : Wet-Chemistry Date : 08-25-2022 10:02:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method	
08/26/2022	Water	N4331-02	BOD5	A	Cool 4 deg C	ARAM01	N11	COMP	08/24/2022	SM5210 B
08/26/2022	Water	N4343-01	BOD5	A	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	08/24/2022	SM5210 B

Date/Time 08/25/22 10:10
Raw Sample Received by: J.C. (sm)
Raw Sample Relinquished by: J.C. (sm)

Date/Time 08/25/22 11:30
Raw Sample Received by: J.C. (sm)
Raw Sample Relinquished by: J.C. (sm)