



CBOD5 LOG

ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 09/22/2022QC BATCH ID: LB122144BOD Water: WP99076Starch: W2766Sulfuric acid, 1N: WP94324POLYSEED: WP99078GGA: WP99080Chlorine Strips: W2011pH Strips: W2716MANGANOUS SULFATE SOLUTION: W2767Alkaline Iodide Azide: W2742Sodium Thiosulfate, 0.025N: W2843NaOH, 1N: WP97250IncubatorID: INCUBATOR #3GuageID: 0511064Zero DO: WP98094Nitrification Inhibitor: W2792

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	8.75
WINKLER 2	WINKLER 2	2	300	8.8	17.5	8.7	8.75

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

QC BATCH ID: LB122144

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:40

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
LB122144BL	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		
N4742-07	1	No	6.97	N/A	19.70	5	8.70	8.31	-	0		
N4742-07	2					20	8.69	8.22	-	0		
N4742-07	3					50	8.61	7.81	-	0		
N4742-07	4					150	8.47	7.80	-	0		
N4742-07DUP	1	No	6.97	N/A	19.70	5	8.69	8.35	-	0		
N4742-07DUP	2					20	8.66	8.26	-	0		
N4742-07DUP	3					50	8.60	7.86	-	0		
N4742-07DUP	4					150	8.46	7.81	-	0		
N4742-08	1	No	6.75	N/A	20.10	5	8.74	8.40	-	0		
N4742-08	2					20	8.70	8.39	-	0		
N4742-08	3					50	8.69	8.31	-	0		
N4742-08	4					150	8.68	8.30	-	0		
N4742-09	1	No	6.95	N/A	20.30	5	8.78	8.38	-	0		
N4742-09	2					20	8.73	8.32	-	0		
N4742-09	3					50	8.67	8.31	-	0		
N4742-09	4					150	8.63	8.26	-	0		
N4759-01	1	No	6.83	N/A	17.10	5	8.71	6.85	-	0	80.55	
N4759-01	2					20	8.38	2.29	6.09	80.55		
N4759-01	3					50	7.66	0.27	-	0		
N4759-01	4					150	5.04	0.24	-	0		

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