

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 09/30/2022QC BATCH ID: LB122278BOD Water: WP99233MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP94324Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP99234NaOH, 1N: WP97250GGA: WP99235IncubatorID: 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	8.7	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 8.87Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHgWinkler titrated BOD fluid DO reading1: 8.82**After Incubation**Meter Calibration2: 8.89Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure2: 755 mmHgWinkler titrated BOD fluid DO reading2: 8.79

QC BATCH ID: LB122278

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 15:30

TIME OUT: 16:00

DATE IN: 09/30/2022

DATE OUT: 10/05/2022

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
LB122278BL	1	No	6.86	N/A	20.20	300	8.79	8.77	0.02	0.02	0.02	
POLYSEED	1					10	8.77	5.19	3.58	0.72	0.65	
POLYSEED	2					15	8.76	3.75	5.01	0.67		
POLYSEED	3					20	8.74	3.16	5.58	0.56		
GGA	1					6	8.75	4.62	4.13	174	183	
GGA	2					6	8.77	4.58	4.19	177		
GGA	3					6	8.76	4.15	4.61	198		
N4915-01	1	No	8.55	7.20	20.10	5	8.73	8.18	-	0		pH Adjusted
N4915-01	2					20	8.72	8.10	-	0		
N4915-01	3					50	8.70	8.07	-	0		
N4915-01	4					150	8.71	8.06	-	0		
N4915-01DUP	1	No	8.55	7.20	20.10	5	8.78	8.24	-	0		pH Adjusted
N4915-01DUP	2					20	8.76	8.20	-	0		
N4915-01DUP	3					50	8.74	8.14	-	0		
N4915-01DUP	4					150	8.72	8.11	-	0		
N4917-01	1	No	8.45	6.98	20.10	5	8.72	8.04	-	0		pH Adjusted
N4917-01	2					20	8.71	8.02	-	0		
N4917-01	3					50	8.70	8.01	-	0		
N4917-01	4					150	8.69	8.00	-	0		
N4919-01	1	No	8.46	7.01	20.10	5	8.75	8.01	-	0		pH Adjusted
N4919-01	2					20	8.74	7.99	-	0		
N4919-01	3					50	8.72	7.81	-	0		
N4919-01	4					150	8.70	7.80	-	0		
N4940-01	1	No	3.97	7.20	14.00	0.5	8.74	7.92	-	0	209.5	pH Adjusted
N4940-01	2					1	8.71	7.39	-	0		
N4940-01	3					2	8.68	6.53	2.15	225		
N4940-01	4					5	8.61	4.15	4.46	228.6		
N4940-01	5					10	8.49	2.01	6.48	174.9		
N4940-05	1	No	8.72	6.78	20.50	0.01	8.67	7.79	-	0	8610	pH Adjusted
N4940-05	2					0.05	8.65	6.84	-	0		
N4940-05	3					0.1	8.63	5.11	3.52	8610		
N4940-05	4					0.5	8.62	0.20	-	0		
N4940-05	5					1	8.60	0.17	-	0		

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

LB1222278

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-0930-2

WorkList ID : 163688

Department : Wet-Chemistry

Date : 09-30-2022 14:23:29

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/30/2022	Water	N4915-01	BOD5	Cool 4 deg C	ENV170	N11	257155-3	09/28/2022	SM5210 B
09/30/2022	Water	N4917-01	BOD5	Cool 4 deg C	ENV170	N11	265393-5	09/28/2022	SM5210 B
09/30/2022	Water	N4919-01	BOD5	Cool 4 deg C	ENV170	N11	265393-6	09/28/2022	SM5210 B
10/02/2022	Water	N4940-01	BOD5	Cool 4 deg C	HOLL01	N11	EFFLUENT	09/30/2022	SM5210 B
10/02/2022	Water	N4940-05	BOD5	Cool 4 deg C	HOLL01	N11	INFLUENT	09/30/2022	SM5210 B

Date/Time 9/30/2022 14:25
 Raw Sample Received by: SI (WC)
 Raw Sample Relinquished by: CP (SM)

Date/Time 9/30/2022 15:45
 Raw Sample Received by: CP (SM)
 Raw Sample Relinquished by: SI (WC)