

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 10/07/2022QC BATCH ID: LB122419BOD Water: WP99342MANGANOUS SULFATE SOLUTION: W2913Starch: W2766Alkaline Iodide Azide: W2914Sulfuric acid, 1N: WP97258Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP99343NaOH, 1N: WP97250GGA: WP99344IncubatorID: 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	8.7	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 8.73Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHgWinkler titrated BOD fluid DO reading1: 8.74**After Incubation**Meter Calibration2: 8.68Zero DO Reading2: 0.05 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.52

QC BATCH ID: LB122419

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 14:20

TIME OUT: 15:00

DATE IN: 10/07/2022

DATE OUT: 10/12/2022

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
LB122419BL	1	No	6.82	N/A	20.20	300	8.75	8.52	0.23	0.23	0.23	
POLYSEED	1					10	8.72	4.46	4.26	0.85	0.82	
POLYSEED	2					15	8.71	2.85	5.86	0.78		
POLYSEED	3					20	8.70	0.75	-	0		
GGA	1					6	8.73	3.94	4.79	198.5	187	
GGA	2					6	8.71	4.18	4.53	185.5		
GGA	3					6	8.70	4.34	4.36	177		
N5052-01	1	No	7.73	7.25	20.70	5	8.74	7.78	-	0		pH Adjusted
N5052-01	2					20	8.73	7.63	-	0		
N5052-01	3					50	8.72	7.62	-	0		
N5052-01	4					150	8.70	7.60	-	0		
N5052-02	1	No	7.98	6.85	20.20	5	8.73	7.67	-	0		pH Adjusted
N5052-02	2					20	8.71	7.50	-	0		
N5052-02	3					50	8.69	7.49	-	0		
N5052-02	4					150	8.68	7.48	-	0		
N5054-01	1	No	8.30	6.80	20.80	5	8.73	7.62	-	0		pH Adjusted
N5054-01	2					20	8.72	7.58	-	0		
N5054-01	3					50	8.70	7.57	-	0		
N5054-01	4					150	8.68	7.56	-	0		
N5054-02	1	No	8.11	7.10	20.50	5	8.74	7.63	-	0		pH Adjusted
N5054-02	2					20	8.71	7.50	-	0		
N5054-02	3					50	8.70	7.49	-	0		
N5054-02	4					150	8.69	7.42	-	0		
N5054-02DUP	1	No	8.11	7.10	20.50	5	8.73	7.65	-	0		pH Adjusted
N5054-02DUP	2					20	8.70	7.52	-	0		
N5054-02DUP	3					50	8.67	7.48	-	0		
N5054-02DUP	4					150	8.64	7.40	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB122419

WorkList Name : BOD5-1007

WorkList ID : 163915

Department : Wet-Chemistry

Date : 10-07-2022 14:00:52

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/08/2022	Water	N5052-01	BOD5	Cool 4 deg C	ENV170	C11	551B-1	10/06/2022	SM5210 B
10/08/2022	Water	N5052-02	BOD5	Cool 4 deg C	ENV170	C11	551B-2	10/06/2022	SM5210 B
10/08/2022	Water	N5054-01	BOD5	Cool 4 deg C	ENV170	C11	510A-1	10/06/2022	SM5210 B
10/08/2022	Water	N5054-02	BOD5	Cool 4 deg C	ENV170	C11	510A-2	10/06/2022	SM5210 B

Date/Time 10/7/22 14:00
 Raw Sample Received by: SI(wc)
 Raw Sample Relinquished by: CP(SM)

Date/Time 10/7/22 15:30
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: SI(wc)