

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 09/01/2022QC BATCH ID: LB121834BOD Water: WP98794MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: M5038Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP98795NaOH, 1N: WP97250GGA: WP98796IncubatorID: 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	8.8
WINKLER 2	WINKLER 2	2	300	8.7	17.6	8.9	8.8

Meter Calibration1: 8.50Zero DO Reading1: 0.05 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHgWinkler titrated BOD fluid DO reading1: 8.95**After Incubation**Meter Calibration2: 8.51Zero DO Reading2: 0.04 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.81



QC BATCH ID: LB121834

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 10:30

TIME OUT: 12:00

DATE IN: 09/01/2022

DATE OUT: 09/06/2022

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
LB121834BL	1	No	6.5	N/A	22.50	300	8.93	8.84	0.09	0.09	0.09	
POLYSEED	1					10	8.81	3.65	5.16	1.03	0.87	
POLYSEED	2					15	8.80	2.38	6.42	0.86		
POLYSEED	3					20	8.71	1.40	7.31	0.73		
GGA	1					6	8.76	3.47	5.29	221	215.67	
GGA	2					6	8.74	3.67	5.07	210		
GGA	3					6	8.73	3.54	5.19	216		
N4459-01	1	No	8.53	7.10	20.40	5	8.91	7.83	-	0	7.7	pH Adjusted
N4459-01	2					20	8.89	6.98	-	0		
N4459-01	3					50	8.88	6.56	2.32	8.7		
N4459-01	4					150	8.87	4.65	4.22	6.7		
N4459-01DUP	1	No	8.53	7.10	20.40	5	8.92	7.80	-	0	7.93	pH Adjusted
N4459-01DUP	2					20	8.91	6.95	-	0		
N4459-01DUP	3					50	8.88	6.47	2.41	9.24		
N4459-01DUP	4					150	8.87	4.69	4.18	6.62		
N4467-02	1	No	6.32	7.10	20.10	0.5	8.92	6.72	2.2	798	749.88	pH Adjusted
N4467-02	2					1	8.91	4.93	3.98	933		
N4467-02	3					2	8.89	3.45	5.44	685.5		
N4467-02	4					3	8.81	2.11	6.7	583		

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

WORKLIST(Hardcopy Internal Chain)

1-13121834

Worklist Name : BOD-090122

Worklist ID : 162844

Department : Wet-Chemistry

Date : 09-01-2022 10:05:52

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/02/2022	Water	N4459-01	BOD5	Cool 4 deg C	INFR01	M11	WEEKLY-OUTFALL-002	08/31/2022	SM5210 B
09/02/2022	Water	N4467-02	BOD5	Cool 4 deg C	ARAM01	M11	COMP	08/31/2022	SM5210 B

Date/Time

9/1/22

10:05

Raw Sample Received by:

SI (wetchem)

Raw Sample Relinquished by:

SI (sm)

Date/Time

9/1/22

11:30

Raw Sample Received by:

SI (sm)

Raw Sample Relinquished by:

SI (wetchem)