

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 09/16/2022QC BATCH ID: LB122042BOD Water: WP98973MANGANOUS SULFATE SOLUTION: W2767Starch: W2766Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP88863Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP98974NaOH, 1N: WP97250GGA: WP98975IncubatorID: 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	8.6	8.6	8.65
WINKLER 2	WINKLER 2	2	300	8.6	17.3	8.7	8.65

Meter Calibration1: 8.69Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHgWinkler titrated BOD fluid DO reading1: 8.85**After Incubation**Meter Calibration2: 8.79Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHgWinkler titrated BOD fluid DO reading2: 8.63



QC BATCH ID: LB122042

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 09:15

TIME OUT: 10:00

DATE IN: 09/16/2022

DATE OUT: 09/21/2022

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
LB122042BL	1	No	6.8	N/A	22.30	300	8.84	8.59	0.25	0.25	0.25	
POLYSEED	1					10	8.77	5.49	3.28	0.66	0.63	
POLYSEED	2					15	8.69	4.20	4.49	0.6		
POLYSEED	3					20	8.61	2.23	6.38	0.64		
GGA	1					6	8.72	3.89	4.83	210	216.5	
GGA	2					6	8.68	3.74	4.94	215.5		
GGA	3					6	8.62	3.51	5.11	224		
N4663-01	1	No	7.16	N/A	20.20	5	8.83	7.27	-	0	3	
N4663-01	2					20	8.82	7.14	-	0		
N4663-01	3					50	8.80	6.98	-	0		
N4663-01	4					150	8.78	6.65	2.13	3		
N4663-01DUP	1	No	7.16	N/A	20.20	5	8.82	7.30	-	0	2.92	
N4663-01DUP	2					20	8.81	7.16	-	0		
N4663-01DUP	3					50	8.78	6.99	-	0		
N4663-01DUP	4					150	8.76	6.67	2.09	2.92		
N4663-03	1	No	6.76	N/A	20.20	5	8.82	6.96	-	0	20.02	
N4663-03	2					20	8.68	6.58	2.1	22.05		
N4663-03	3					50	8.41	4.78	3.63	18		
N4663-03	4					150	7.33	0.32	-	0		
N4663-05	1	No	6.74	N/A	20.30	5	8.82	8.01	-	0	3.78	
N4663-05	2					20	8.81	7.97	-	0		
N4663-05	3					50	8.79	7.47	-	0		
N4663-05	4					150	8.56	6.04	2.52	3.78		

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

LB 122042

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-091622

WorkList ID : 163247

Department : Wet-Chemistry

Date : 09-16-2022 08:02:29

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/16/2022	Water	N4663-01	BOD5	Cool 4 deg C	DVIR01	N11	HW-43	09/14/2022	SM5210 B
09/16/2022	Water	N4663-03	BOD5	Cool 4 deg C	DVIR01	N11	SVE-03	09/14/2022	SM5210 B
09/16/2022	Water	N4663-05	BOD5	Cool 4 deg C	DVIR01	N11	HW-9	09/14/2022	SM5210 B

Date/Time

9/16/2022 8:05

Raw Sample Received by:

SJ (WC)

Raw Sample Relinquished by:

CP (SM)

Date/Time

9/16/2022 10:00

Raw Sample Received by:

CP (SM)

Raw Sample Relinquished by:

SJ (WC)