

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 09/01/2021QC BATCH ID: LB116101BOD Water: WP92755MANGANOUS SULFATE SOLUTION: W2767Starch: W2703Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP88863Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP92757NaOH, 1N: WP91991GGA: WP92756IncubatorID: INCUBATOR #3Chlorine Strips: W2543GuageID: 0511064pH Strips: W2716Zero DO: WP92454

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.3	8.3	8.35
WINKLER 2	WINKLER 2	2	300	8.3	16.7	8.4	8.35

Meter Calibration1: 8.28Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.27**After Incubation**Meter Calibration2: 8.25Zero DO Reading2: 0.11 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.20



QC BATCH ID: LB116101

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.03

TIME IN: 08:50

TIME OUT: 11:00

DATE IN: 09/01/2021

DATE OUT: 09/06/2021

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
LB116101BL	1	No	6.0	N/A	21.20	300	8.20	8.18	0.02	0.02	0.02	
POLYSEED	1					10	8.00	3.70	4.3	0.86	0.75	
POLYSEED	2					15	7.91	2.35	5.56	0.74		
POLYSEED	3					20	7.83	1.21	6.62	0.66		
GGA	1					6	8.70	4.15	4.55	190	168.67	
GGA	2					6	8.62	4.66	3.96	160.5		
GGA	3					6	8.56	4.70	3.86	155.5		
M3601-01	1	No	7.63	N/A	20.30	0.5	7.43	7.22	-	0	280.1	
M3601-01	2					1	7.38	5.12	2.26	453		
M3601-01	3					2	7.33	5.07	2.26	226.5		
M3601-01	4					5	7.26	3.83	3.43	160.8		
M3601-01	5					10	7.22	0.19	-	0		
M3601-01DUP	1	No	7.63	N/A	20.30	0.5	7.40	7.25	-	0	271.5	
M3601-01DUP	2					1	7.35	5.15	2.2	435		
M3601-01DUP	3					2	7.30	5.08	2.22	220.5		
M3601-01DUP	4					5	7.25	3.85	3.4	159		
M3601-01DUP	5					10	7.20	0.20	-	0		
M3601-05	1	No	4.24	7.20	20.30	0.01	7.10	5.15	-	0	14355	pH Adjusted
M3601-05	2					0.05	6.97	3.12	3.85	18600		
M3601-05	3					0.1	6.88	2.76	4.12	10110		
M3601-05	4					0.5	6.84	0.20	-	0		
M3601-05	5					1	6.80	0.13	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod m3601 WorkList ID : 151878 Department : Wet-Chemistry Date : 09-01-2021 08:15:10

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/01/2021	Water	M3601-01	C BOD5	Cool 4 deg C	HOLL01	H11	EFFLUENT	08/30/2021	SM5210 B
09/01/2021	Water	M3601-05	B BOD5	Cool 4 deg C	HOLL01	H11	INFLUENT	08/30/2021	SM5210 B

Date/Time 09/01/21 08:20
 Raw Sample Received by: JP (WC)
 Raw Sample Relinquished by: JP SM

Date/Time 09/01/21 08:55
 Raw Sample Received by: JP SM
 Raw Sample Relinquished by: JP (WC)