

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 09/10/2021**QC BATCH ID:** LB116311**BOD Water:** WP92905**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP92907**NaOH, 1N:** WP91991**GGA:** WP92906**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP92838

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.4	8.4	8.45
WINKLER 2	WINKLER 2	2	300	8.4	16.9	8.5	8.45

Meter Calibration1: 8.60

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 8.65

After Incubation

Meter Calibration2: 8.62

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

Winkler titrated BOD fluid DO reading2: 8.63

QC BATCH ID: LB116311

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 15:05

TIME OUT: 10:30

DATE IN: 09/10/2021

DATE OUT: 09/15/2021

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
LB116311BL	1	No	6.4	N/A	21.20	300	8.65	8.64	0.01	0.01	0.01	
POLYSEED	1					10	8.60	5.89	2.71	0.54	0.6	
POLYSEED	2					15	8.58	4.46	4.12	0.55		
POLYSEED	3					20	8.50	1.26	7.24	0.72		
GGA	1					6	8.52	2.36	6.16	278	192.5	
GGA	2					6	8.20	4.83	3.37	138.5		
GGA	3					6	8.15	4.33	3.82	161		
M3688-01	1	No	7.66	N/A	22.20	5	8.05	7.34	-	0	5.24	
M3688-01	2					20	8.00	7.30	-	0		
M3688-01	3					50	7.96	6.62	-	0		
M3688-01	4					150	7.83	4.61	3.22	5.24		
M3688-01DUP	1	No	7.66	N/A	22.20	5	8.03	7.35	-	0	5.2	
M3688-01DUP	2					20	7.99	7.32	-	0		
M3688-01DUP	3					50	7.95	6.65	-	0		
M3688-01DUP	4					150	7.85	4.65	3.2	5.2		
M3690-01	1	No	5.83	7.20	20.30	0.1	7.88	7.26	-	0	3541.5	pH Adjusted
M3690-01	2					0.2	7.80	4.49	3.31	4065		
M3690-01	3					0.5	7.75	2.12	5.63	3018		
M3690-01	4					1	7.67	0.17	-	0		
M3697-01	1	No	9.10	7.20	23.10	1	7.62	7.27	-	0	230.4	pH Adjusted
M3697-01	2					5	7.60	3.16	4.44	230.4		
M3697-01	3					20	7.51	0.18	-	0		
M3697-01	4					50	7.24	0.11	-	0		
M3701-01	1	No	7.80	N/A	22.20	1	7.44	6.10	-	0	8.52	
M3701-01	2					5	7.43	6.08	-	0		
M3701-01	3					20	7.41	6.05	-	0		
M3701-01	4					50	7.38	5.36	2.02	8.52		
M3716-01	1	No	6.12	N/A	18.20	0.1	7.34	5.32	2.02	4260	4140	
M3716-01	2					0.2	7.32	4.04	3.28	4020		
M3716-01	3					0.5	7.26	0.21	-	0		
M3716-01	4					1	7.25	0.17	-	0		

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

LB 116311

WORKLIST(Hardcopy Internal Chain)

LB 116312
LB 116241

WorkList Name : bod91021

WorkList ID : 152143

Department : Wet-Chemistry

Date : 09-10-2021 09:18:44

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/11/2021	Water	M3688-01	J BOD5	Cool 4 deg C	PSEG03	H33	A688	09/09/2021	SM5210 B
09/11/2021	Water	M3690-01	BOD5	Cool 4 deg C	MAJO01	D11	DRAIN-WATER-TANK-1	09/09/2021	SM5210 B
09/11/2021	Water	M3697-01	A BOD5	Cool 4 deg C	PHAR02	D11	15220012-1	09/09/2021	SM5210 B
09/11/2021	Water	M3701-01	A BOD5	Cool 4 deg C	PHAR02	D11	32220008-3	09/09/2021	SM5210 B
09/12/2021	Water	M3716-01	BOD5	Cool 4 deg C	MAJO01	H41	DRAIN-WATER-TANK-1	09/10/2021	SM5210 B

Date/Time 09/10/21 13:40
Raw Sample Received by: KS(WC)
Raw Sample Relinquished by: JN(WC)

Date/Time 09/10/21 15:10
Raw Sample Received by: JN(WC)
Raw Sample Relinquished by: KS(WC)