



BOD 7 LOG

ANALYST: jignesh

SUPERVISOR: apatel

Analysis Date: 02/15/2022

QC BATCH ID: LB118684

BOD Water: WP95326

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: M5038

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP95328

NaOH, 1N: WP94570

GGA: WP95327

IncubatorID: INCUBATOR #3

Chlorine Strips: W2543

GuageID: 0511064

pH Strips: W2716

Zero DO: WP94126

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.5	9.5	9.6
WINKLER 2	WINKLER 2	2	300	9.5	19.2	9.7	9.6

Meter Calibration1: 9.28

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

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 9.84

After Incubation

Meter Calibration2: 9.08

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

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 9.54



QC BATCH ID: LB118684

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:00

TIME OUT: 12:00

DATE IN: 02/15/2022

DATE OUT: 02/22/2022

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
LB118684BL	1	No	6.4	N/A	21.20	300	9.46	9.42	0.04	0.04	0.04	
POLYSEED	1					10	9.44	6.84	2.6	0.52	0.66	
POLYSEED	2					15	9.42	4.25	5.17	0.69		
POLYSEED	3					20	9.40	1.82	7.58	0.76		
GGA	1					6	9.31	4.40	4.91	212.5	209.67	
GGA	2					6	9.29	4.48	4.81	207.5		
GGA	3					6	9.34	4.50	4.84	209		
N1540-12	1	No	7.20	N/A	20.20	0.1	9.41	8.89	-	0	448.8	
N1540-12	2					0.5	9.40	8.29	-	0		
N1540-12	3					1	9.35	7.13	2.22	468		
N1540-12	4					5	9.32	1.50	7.82	429.6		
N1540-12DUP	1	No	7.20	N/A	20.20	0.1	9.40	8.90	-	0	446.4	
N1540-12DUP	2					0.5	9.38	8.30	-	0		
N1540-12DUP	3					1	9.36	7.15	2.21	465		
N1540-12DUP	4					5	9.34	1.55	7.79	427.8		
N1550-05	1	No	7.83	N/A	20.10	0.1	9.26	7.83	-	0	941.4	
N1550-05	2					0.5	9.25	6.68	2.57	1146		
N1550-05	3					1	9.24	4.46	4.78	1236		
N1550-05	4					5	9.20	1.17	8.03	442.2		

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

WORKLIST(Hardcopy Internal Chain)

LB-118684

WorkList Name : bod21522 WorkList ID : 156865 Department : Wet-Chemistry Date : 02-15-2022 10:26:07

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/16/2022	Water	N1540-12	BOD_7	Cool 4 deg C	AMER08	N23	BOD	02/14/2022	SM5210 B
02/17/2022	Water	N1550-05	BOD_7	1:1 HNO3 to p	AMER08	N31	BOD	02/15/2022	SM5210 B

Date/Time 02/15/22 16:25
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: R (V)

Date/Time 02/15/22 17:05
 Raw Sample Received by: R (wc)
 Raw Sample Relinquished by: KS (wc)