



BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 08/26/2021

QC BATCH ID: LB116033

BOD Water: WP92688

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP92690

GGA: WP92689

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP91991

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero 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	8.2	8.2	8.25
WINKLER 2	WINKLER 2	2	300	8.2	16.5	8.3	8.25

Meter Calibration1: 8.35

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.07

After Incubation

Meter Calibration2: 8.33

Barometric Pressure2: 755 mmHg

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.20



QC BATCH ID: LB116033

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 13:30

TIME OUT: 11:05

DATE IN: 08/26/2021

DATE OUT: 08/31/2021

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
LB116033BL	1	No	6.4	N/A	21.20	300	8.25	8.22	0.03	0.03	0.03	
POLYSEED	1					10	7.80	3.83	3.97	0.79	0.68	
POLYSEED	2					15	7.65	3.00	4.65	0.62		
POLYSEED	3					20	7.57	1.22	6.35	0.64		
GGA	1					6	7.44	2.30	5.14	223	196.33	
GGA	2					6	7.40	3.13	4.27	179.5		
GGA	3					6	7.26	2.85	4.41	186.5		
M3537-02	1	No	6.80	N/A	18.20	0.5	7.19	5.34	-	0	753	
M3537-02	2					1	7.12	3.93	3.19	753		
M3537-02	3					2	7.05	0.99	-	0		
M3537-02	4					3	6.96	0.15	-	0		
M3537-02DUP	1	No	6.8	N/A	18.20	0.5	7.18	5.35	-	0	769.5	
M3537-02DUP	2					1	7.10	3.95	3.15	741		
M3537-02DUP	3					2	7.02	1.02	6	798		
M3537-02DUP	4					3	6.95	0.18	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB116033

WorkList Name : bod82621 WorkList ID : 151785 Department : Wet-Chemistry Date : 08-26-2021 12:01:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/27/2021	Water	M3537-02	BOD5	Cool 4 deg C	ARAM01	D11	COMP	08/25/2021	SM5210 B

Date/Time 08/26/21 12:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: jbs (DL)

Date/Time 08/26/21 13:35
 Raw Sample Received by: jbs (DL)
 Raw Sample Relinquished by: KS (WC)