

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 02/25/2022

QC BATCH ID: LB118865

BOD Water: WP95533

Starch: W2766

Sulfuric acid, 1N: M5038

POLYSEED: WP95536

GGA: WP95534

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP94570

IncubatorID: INCUBATOR #3

GuageID: 0511064

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: 9.03

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 9.84

After Incubation

Meter Calibration2: 9.05

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 9.10



QC BATCH ID: LB118865

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:50

TIME OUT: 12:00

DATE IN: 02/25/2022

DATE OUT: 03/02/2022

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
LB118865BL	1	No	6.4	N/A	21.20	300	9.20	9.12	0.08	0.08	0.08	
POLYSEED	1					10	9.08	4.25	4.83	0.97	0.8	
POLYSEED	2					15	8.98	3.74	5.24	0.7		
POLYSEED	3					20	8.91	1.64	7.27	0.73		
GGA	1					6	9.04	4.15	4.89	204.5	202.83	
GGA	2					6	9.03	4.25	4.78	199		
GGA	3					6	9.08	4.18	4.9	205		
N1686-01	1	No	7.66	N/A	20.30	0.5	9.15	6.39	2.76	1176	1341	
N1686-01	2					1	9.13	3.31	5.82	1506		
N1686-01	3					2	9.12	0.55	-	0		
N1686-01	4					5	9.04	0.23	-	0		
N1686-01	5					10	8.93	0.20	-	0		
N1686-01DUP	1	No	7.66	N/A	20.30	0.5	9.13	6.40	2.73	1158	1323	
N1686-01DUP	2					1	9.11	3.35	5.76	1488		
N1686-01DUP	3					2	9.10	0.57	-	0		
N1686-01DUP	4					5	9.05	0.25	-	0		
N1686-01DUP	5					10	8.95	0.22	-	0		
N1686-05	1	No	4.77	7.20	20.50	0.01	9.14	7.34	-	0	8205	pH Adjusted
N1686-05	2					0.05	9.11	7.06	2.05	7500		
N1686-05	3					0.1	9.10	5.33	3.77	8910		
N1686-05	4					0.5	9.08	0.22	-	0		
N1686-05	5					1	9.05	0.20	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB118865

WorkList Name : BOD22522

WorkList ID : 157188

Department : Wet-Chemistry

Date : 02-25-2022 15:09:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/27/2022	Water	N1686-01	C BOD5	Cool 4 deg C	HOLL01	N32	EFFLUENT	02/25/2022	SM5210 B
02/27/2022	Water	N1686-05	B BOD5	Cool 4 deg C	HOLL01	N32	INFLUENT	02/25/2022	SM5210 B

Date/Time 02/25/22 15:15
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: JH (DDE)

Date/Time 02/25/22 16:55
 Raw Sample Received by: JH (DDE)
 Raw Sample Relinquished by: KS (wc)