

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 02/05/2021

QC BATCH ID: LB113056

BOD Water: WP89417

Starch: W2703

Sulfuric acid, 1N: W2609

POLYSEED: WP89419

GGA: WP89418

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP88904

NaOH, 0.25N: WP89214

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP89399

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.5	8.5	8.4
WINKLER 2	WINKLER 2	2	300	8.5	16.8	8.3	8.4

Meter Calibration1: 8.47

Barometric Pressure1: 750 mmHg

Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.4

After Incubation

Meter Calibration2: 8.69

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.19 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.32



QC BATCH ID: LB113056

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 13:30

TIME OUT: 10:00

DATE IN: 02/05/2021

DATE OUT: 02/10/2021

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
LB113056BL	1	No	6.0	N/A	21.20	300	8.38	8.36	0.02	0.02	0.02	
POLYSEED	1					10	8.37	3.96	4.41	0.88	0.83	
POLYSEED	2					15	8.32	1.46	6.86	0.91		
POLYSEED	3					20	8.29	1.34	6.95	0.7		
GGA	1					6	8.29	4.28	4.01	159	182.83	
GGA	2					6	8.33	3.29	5.04	210.5		
GGA	3					6	8.32	3.91	4.41	179		
M1321-01	1	No	6.4	N/A	17.20	5	8.35	6.05	2.3	88.2	61.55	
M1321-01	2					10	8.30	5.97	2.33	45		
M1321-01	3					20	8.16	3.90	4.26	51.45		
M1321-01	4					50	7.50	0.39	-	0		
M1321-01DUP	1	No	6.4	N/A	17.20	5	8.33	6.08	2.25	85.2	59.85	
M1321-01DUP	2					10	8.28	5.99	2.29	43.8		
M1321-01DUP	3					20	8.15	3.95	4.2	50.55		
M1321-01DUP	4					50	7.52	0.42	-	0		
M1321-02	1	No	6.4	N/A	18.20	5	8.32	6.64	-	0	39.22	
M1321-02	2					10	8.30	5.99	2.31	44.4		
M1321-02	3					20	8.18	5.08	3.1	34.05		
M1321-02	4					50	7.63	0.64	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB113056

WorkList Name : bod2521

WorkList ID : 146186

Department : Wet-Chemistry

Date : 02-05-2021 12:00:23

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/06/2021	Water	M1321-01	BOD5	Cool 4 deg C	TULL01	G42	001-WILLETS-PT-BLVD(FEB)	02/04/2021	SM5210 B
02/06/2021	Water	M1321-02	BOD5	Cool 4 deg C	TULL01	G42	002-35TH-AVE(FEB)	02/04/2021	SM5210 B

Date/Time 02/05/21 12:10
 Received by: KS (Wetchem)
 Relinquished by: KS (Wetchem)

Date/Time 02/05/21 13:35
 Received by: KS (Wetchem)
 Relinquished by: KS (Wetchem)