

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: mohammad

Analysis Date: 06/30/2022

QC BATCH ID: LB120895

BOD Water: WP97691

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP97693

GGA: WP97692

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP97250

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP97672

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.70

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.70

After Incubation

Meter Calibration2: 8.40

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.45



QC BATCH ID: LB120895

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 11:00

TIME OUT: 11:30

DATE IN: 06/30/2022

DATE OUT: 07/05/2022

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
LB120895BL	1	No	6.4	N/A	21.20	300	8.68	8.52	0.16	0.16	0.16	
POLYSEED	1					10	8.58	5.04	3.54	0.71	0.68	
POLYSEED	2					15	8.52	3.97	4.55	0.61		
POLYSEED	3					20	8.48	1.40	7.08	0.71		
GGA	1					6	8.60	3.90	4.7	201	195.17	
GGA	2					6	8.57	4.25	4.32	182		
GGA	3					6	8.56	3.83	4.73	202.5		
N3533-02	1	No	6.82	N/A	21.20	0.5	8.64	5.16	3.48	1680	1235.5	
N3533-02	2					1	8.60	4.49	4.11	1029		
N3533-02	3					2	8.58	1.25	7.33	997.5		
N3533-02	4					3	8.55	0.34	-	0		
N3535-01	1	No	5.26	7.20	20.30	5	8.59	7.45	-	0	21	pH Adjusted
N3535-01	2					20	8.50	6.42	2.08	21		
N3535-01	3					50	8.45	7.51	-	0		
N3535-01	4					150	8.43	7.39	-	0		
N3535-01DUP	1	No	5.26	7.20	20.30	5	8.60	7.48	-	0	20.85	pH Adjusted
N3535-01DUP	2					20	8.52	6.45	2.07	20.85		
N3535-01DUP	3					50	8.48	7.55	-	0		
N3535-01DUP	4					150	8.45	7.40	-	0		
N3541-01	1	No	8.28	7.20	20.20	5	8.49	7.03	-	0	4.08	pH Adjusted
N3541-01	2					20	8.44	6.63	-	0		
N3541-01	3					50	8.43	6.62	-	0		
N3541-01	4					150	8.41	5.69	2.72	4.08		

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

WORKLIST(Hardcopy Internal Chain)

LB 120895

WorkList Name : BOD63022

WorkList ID : 161022

Department : Wet-Chemistry

Date : 06-30-2022 09:20:09

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/01/2022	Water	N3533-02	A BOD5	Cool 4 deg C	ARAM01	N11	COMP	06/29/2022	SM5210 B
06/30/2022	Water	N3535-01	3 BOD5	Cool 4 deg C	TETR06	N11	RW8-20220628	06/28/2022	SM5210 B
07/01/2022	Water	N3541-01	C BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	06/29/2022	SM5210 B

Date/Time 06/30/22 09:25
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: SM(wc)

Date/Time 06/30/22 11:10
 Raw Sample Received by: SM(wc)
 Raw Sample Relinquished by: KS(wc)