

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: Iwona

Analysis Date: 07/07/2022

QC BATCH ID: LB120963

BOD Water: WP97804

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP87806

GGA: WP97805

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	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.96

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.09 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.95

After Incubation

Meter Calibration2: 8.54

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.70

QC BATCH ID: LB120963

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 10:30

TIME OUT: 12:30

DATE IN: 07/07/2022

DATE OUT: 07/12/2022

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
LB120963BL	1	No	6.4	N/A	21.20	300	8.98	8.75	0.23	0.23	0.23	
POLYSEED	1					10	8.93	3.57	5.36	1.07	0.86	
POLYSEED	2					15	8.90	3.33	5.57	0.74		
POLYSEED	3					20	8.88	1.13	7.75	0.78		
GGA	1					6	8.96	3.20	5.76	245	228.5	
GGA	2					6	8.92	4.09	4.83	198.5		
GGA	3					6	8.94	3.24	5.7	242		
N3585-01	1	No	7.45	N/A	24.30	0.5	8.94	6.02	2.92	1236	1300.5	
N3585-01	2					1	8.92	3.51	5.41	1365		
N3585-01	3					2	8.90	0.25	-	0		
N3585-01	4					5	8.82	0.23	-	0		
N3585-01	5					10	8.59	0.19	-	0		
N3585-05	1	No	7.44	N/A	24.20	0.01	8.98	7.86	-	0	3696	
N3585-05	2					0.05	8.93	6.95	-	0		
N3585-05	3					0.1	8.90	6.86	2.04	3540		
N3585-05	4					0.5	8.88	1.60	7.28	3852		
N3585-05	5					1	8.87	0.21	-	0		
N3594-02	1	No	6.85	N/A	20.40	0.5	8.96	6.03	2.93	1242	1456.5	
N3594-02	2					1	8.93	2.50	6.43	1671		
N3594-02	3					2	8.92	0.22	-	0		
N3594-02	4					3	8.90	0.17	-	0		
N3606-01	1	No	7.48	N/A	20.60	5	8.97	6.84	2.13	76.2	68.55	
N3606-01	2					20	8.81	3.89	4.92	60.9		
N3606-01	3					50	8.46	0.18	-	0		
N3606-01	4					150	6.92	0.16	-	0		
N3607-01	1	No	8.38	7.20	20.20	5	8.96	7.92	-	0	3.28	pH Adjusted
N3607-01	2					20	8.91	7.72	-	0		
N3607-01	3					50	8.90	7.52	-	0		
N3607-01	4					150	8.88	6.38	2.5	3.28		
N3607-01DUP	1	No	8.38	7.20	20.20	5	8.97	7.95	-	0	3.28	pH Adjusted
N3607-01DUP	2					20	8.93	7.75	-	0		
N3607-01DUP	3					50	8.91	7.55	-	0		
N3607-01DUP	4					150	8.90	6.40	2.5	3.28		

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

WORKLIST(Hardcopy Internal Chain)

LB120963

WorkList Name : BOD7622 WorkList ID : 161145 Department : Wet-Chemistry Date : 07-06-2022 16:17:49

Due Date	Matrix	Sample	Test	Raw Sample			Collect Date	Method
				Preservative	Customer	Storage Location		
07/07/2022	Water	N3585-01	BOD5	Cool 4 deg C	HOLL01	G11 EFFLUENT	07/05/2022	SM5210 B
07/07/2022	Water	N3585-05	BOD5	Cool 4 deg C	HOLL01	G11 INFLUENT	07/05/2022	SM5210 B
07/08/2022	Water	N3594-02	BOD5	Cool 4 deg C	ARAM01	N11 COMP	07/06/2022	SM5210 B
07/08/2022	Water	N3606-01	BOD5	Cool 4 deg C	INFR01	N11 QUARTERLY-INFLUENT	07/06/2022	SM5210 B
07/08/2022	Water	N3607-01	BOD5	Cool 4 deg C	INFR01	N11 QUARTERLY-OUTFALL-002	07/06/2022	SM5210 B

Date/Time 7/7/22 09:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 7/7/22 10:35
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]