



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

Analysis Date: 11/17/2022

QC BATCH ID: LB122924

BOD Water: WP99928

Starch: W2977

Sulfuric acid, 1N: WP97258

POLYSEED: WP99930

GGA: WP99929

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2913

Alkaline Iodide Azide: W2914

Sodium Thiosulfate, 0.025N: W2941

NaOH, 1N: WP97250

IncubatorID:

GuageID:

Zero DO: WP99822

Nitrification Inhibitor: W2792

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 8.87

Barometric Pressure1: 755 mmHg

Zero DO Reading1: 0.07 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.47

After Incubation

Meter Calibration2: 8.70

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.62



QC BATCH ID: LB122924

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 09:00

TIME OUT: 14:30

DATE IN: 11/17/2022

DATE OUT: 11/22/2022

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
LB122924BL	1	No	6.8	N/A	20.20	300	8.40	8.30	0.1	0.1	0.1	
POLYSEED	1					10	8.22	4.80	3.42	0.68	0.56	
POLYSEED	2					15	8.15	4.20	3.95	0.53		
POLYSEED	3					20	8.03	3.20	4.83	0.48		
GGA	1					6	8.28	4.20	4.08	176	176.5	
GGA	2					6	8.27	4.18	4.09	176.5		
GGA	3					6	8.27	4.17	4.1	177		
N5655-01	1	No	7.23	N/A	20.50	5	8.28	7.33	-	0	45.6	
N5655-01	2					20	8.02	4.42	3.6	45.6		
N5655-01	3					50	7.50	0.25	-	0		
N5655-01	4					150	5.49	0.22	-	0		
N5655-01DUP	1	No	7.23	N/A	20.50	5	8.30	7.35	-	0	46.65	
N5655-01DUP	2					20	8.12	4.45	3.67	46.65		
N5655-01DUP	3					50	7.55	0.28	-	0		
N5655-01DUP	4					150	5.63	0.24	-	0		

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

WORKLIST(Hardcopy Internal Chain)

Lb122.924

WorkList Name : cbod11-16		WorkList ID : 165090		Department : Wet-Chemistry		Date : 11-16-2022 11:50:53	
Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date Method
11/17/2022	Water	N5655-01	CBOD5	1:1 HNO3 to p	INFR01	N11 SEMI-ANNUAL-CONDENSATE	11/15/2022 SM5210 B

Date/Time 11/17/22 08:35
 Raw Sample Received by: RM Cwe
 Raw Sample Relinquished by: CP(SM)

Date/Time 11/17/22 09:36
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: RM Cwe