



CBOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 05/27/2021

QC BATCH ID: LB114670

BOD Water: WP91344

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP91346

GGA: WP91345

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP90938

NaOH, 1N: WP89699

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP91130

Nitrification Inhibitor: W2791

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.4	8.4	8.3
WINKLER 2	WINKLER 2	2	300	8.4	16.6	8.2	8.3

Meter Calibration1: 8.15

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.05 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.14

After Incubation

Meter Calibration2: 8.57

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.42



QC BATCH ID: LB114670

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:15

TIME OUT: 12:00

DATE IN: 05/27/2021

DATE OUT: 06/01/2021

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
LB114670BL	1	No	6.22	N/A	22.10	300	8.14	8.11	0.03	0.03	0.03	
POLYSEED	1					10	8.07	4.82	3.25	0.65	0.63	
POLYSEED	2					15	7.96	3.49	4.47	0.6		
POLYSEED	3					20	7.87	1.52	6.35	0.64		
GGA	1					6	7.89	3.46	4.43	190	176.33	
GGA	2					6	7.86	4.08	3.78	157.5		
GGA	3					6	7.85	3.59	4.26	181.5		
M2524-01	1	No	7.58	N/A	21.70	5	7.47	6.62	-	0	32.25	
M2524-01	2					20	7.40	4.62	2.78	32.25		
M2524-01	3					50	7.22	0.21	-	0		
M2524-01	4					150	6.16	0.17	-	0		
M2524-01DUP	1	No	7.58	N/A	21.70	5	7.44	6.60	-	0	32.1	
M2524-01DUP	2					20	7.38	4.61	2.77	32.1		
M2524-01DUP	3					50	7.29	0.20	-	0		
M2524-01DUP	4					150	6.20	0.15	-	0		

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

LB114670

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CBOD52721 WorkList ID : 149298 Department : Wet-Chemistry Date : 05-27-2021 14:03:09

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/28/2021	Water	M2524-01	CBOD5	Cool 4 deg C	URBA02	E61	WAYNE-PIT	05/26/2021	SM5210 B

Date/Time 05/27/2021 14:10
Raw Sample Received by: Am (wet-chem)
Raw Sample Relinquished by: SA (wet-chem)

Date/Time 05/27/2021 15:20
Raw Sample Received by: JP (wet-chem)
Raw Sample Relinquished by: Am (wet-chem)