



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 05/05/2021

QC BATCH ID: LB114297

BOD Water: WP90819

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP90821

GGA: WP90820

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP90315

NaOH, 1N: WP89699

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP90568

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.2	9.2	9
WINKLER 2	WINKLER 2	2	300	9.2	18.0	8.8	9

Meter Calibration1: 8.74

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.89

After Incubation

Meter Calibration2: 9.15

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.80

QC BATCH ID: LB114297

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:05

TIME OUT: 12:00

DATE IN: 05/05/2021

DATE OUT: 05/10/2021

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
LB114297BL	1	No	6.24	N/A	21.20	300	8.89	8.82	0.07	0.07	0.07	
POLYSEED	1					10	8.85	4.54	4.31	0.86	0.77	
POLYSEED	2					15	8.81	3.53	5.28	0.7		
POLYSEED	3					20	8.79	1.26	7.53	0.75		
GGA	1					6	8.83	3.49	5.34	228.5	208	
GGA	2					6	8.81	3.95	4.86	204.5		
GGA	3					6	8.82	4.23	4.59	191		
M2293-01	1	No	6.76	N/A	21.40	1	8.85	7.72	-	0	12.33	
M2293-01	2					5	8.84	7.44	-	0		
M2293-01	3					20	8.80	7.02	-	0		
M2293-01	4					50	8.54	5.69	2.85	12.48		
M2293-01	5					100	7.89	3.06	4.83	12.18		
M2293-02	1	No	6.82	N/A	21.70	1	8.88	7.60	-	0	13.95	
M2293-02	2					5	8.87	7.59	-	0		
M2293-02	3					20	8.81	6.91	-	0		
M2293-02	4					50	8.54	5.18	3.36	15.54		
M2293-02	5					100	8.16	3.27	4.89	12.36		
M2297-01	1	No	7.06	N/A	18.90	0.5	8.85	7.03	-	0	457.83	
M2297-01	2					1	8.84	6.51	2.33	468		
M2297-01	3					2	8.83	5.15	3.68	436.5		
M2297-01	4					3	8.80	3.34	5.46	469		
M2297-01DUP	1	No	7.06	N/A	18.90	0.5	8.84	7.00	-	0	460.67	
M2297-01DUP	2					1	8.83	6.50	2.33	468		
M2297-01DUP	3					2	8.83	5.10	3.73	444		
M2297-01DUP	4					3	8.79	3.32	5.47	470		

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

LB 114297
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-50521 WorkList ID : 148600 Department : Wet-Chemistry Date : 05-05-2021 09:38:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/06/2021	Water	M2293-01 C	BOD5	Cool 4 deg C	TULL01	P61	001-WILLETS-PT-BLVD(P	05/04/2021	SM5210 B
05/06/2021	Water	M2293-02 G	BOD5	Cool 4 deg C	TULL01	P61	002-35TH-AVE(MAY)	05/04/2021	SM5210 B
05/07/2021	Water	M2297-01 A	BOD5	Cool 4 deg C	ARAM01	P61	COMP	05/05/2021	SM5210 B

Date/Time 05/05/2021 15:45
Raw Sample Received by: Am (Wet-Chem)
Raw Sample Relinquished by: KS (Wet-Chem)

Date/Time 05/05/2021 17:10
Raw Sample Received by: KS (Wet-Chem)
Raw Sample Relinquished by: Am (Wet-Chem)