



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 06/10/2021

QC BATCH ID: LB114897

BOD Water: WP91581

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP91582

GGA: WP91583

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: WP91586

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.6	8.6	8.5
WINKLER 2	WINKLER 2	2	300	8.6	17.0	8.4	8.5

Meter Calibration1: 8.37

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.03 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.40

After Incubation

Meter Calibration2: 8.82

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.36



QC BATCH ID: LB114897

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:20

TIME OUT: 11:40

DATE IN: 06/10/2021

DATE OUT: 06/15/2021

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
LB114897BL	1	No	6.18	N/A	22.10	300	8.40	8.31	0.09	0.09	0.09	
POLYSEED	1					10	8.38	4.98	3.4	0.68	0.68	
POLYSEED	2					15	8.35	3.44	4.91	0.65		
POLYSEED	3					20	8.34	1.20	7.14	0.71		
GGA	1					6	8.36	3.97	4.39	185.5	185	
GGA	2					6	8.36	3.87	4.49	190.5		
GGA	3					6	8.34	4.08	4.26	179		
M2663-02	1	No	6.05	N/A	22.50	0.5	8.37	5.30	3.07	1434	1381.5	
M2663-02	2					1	8.36	3.25	5.11	1329		
M2663-02	3					2	8.36	0.66	-	0		
M2663-02	4					3	8.29	0.20	-	0		
M2663-02DUP	1	No	6.05	N/A	22.50	0.5	8.33	5.32	3.01	1398	1380	
M2663-02DUP	2					1	8.32	3.10	5.22	1362		
M2663-02DUP	3					2	8.31	0.66	-	0		
M2663-02DUP	4					3	8.25	0.19	-	0		
M2670-01	1	No	6.28	N/A	22.70	0.5	8.33	6.58	-	0	427.2	
M2670-01	2					1	8.32	5.80	2.52	552		
M2670-01	3					2	8.31	4.83	3.48	420		
M2670-01	4					5	8.25	2.41	5.84	309.6		
M2670-01	5					20	8.00	0.16	-	0		

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

68114897
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-61021 WorkList ID : 149695 Department : Wet-Chemistry Date : 06-10-2021 08:49:36

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/11/2021	Water	M2663-02 A	BOD5	Cool 4 deg C	ARAM01	F51	COMP	06/09/2021	SM5210 B
06/11/2021	Water	M2670-01 B	BOD5	Cool 4 deg C	ARDM01	F51	EFF-WW	06/09/2021	SM5210 B

Date/Time 06/10/2021 15:05
 Raw Sample Received by: AmLwet-chem
 Raw Sample Relinquished by: JL Coe (Prep)

Date/Time 06/10/2021 16:30
 Raw Sample Received by: JL Coe (Prep)
 Raw Sample Relinquished by: AmLwet-chem