



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 05/07/2021

QC BATCH ID: LB114347

BOD Water: wp90875

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: wp90878

GGA: wp90877

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP90315

NaOH, 1N: WP89214

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	8.6	8.6	8.7
WINKLER 2	WINKLER 2	2	300	8.6	17.4	8.8	8.7

Meter Calibration1: 8.69

Barometric Pressure1: 755 mmHg

Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.88

After Incubation

Meter Calibration2: 8.97

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.82



QC BATCH ID: LB114347

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:40

TIME OUT: 12:05

DATE IN: 05/07/2021

DATE OUT: 05/12/2021

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
LB114347BL	1	No	6.0	N/A	21.20	300	8.88	8.79	0.09	0.09	0.09	
POLYSEED	1					10	8.88	4.79	4.09	0.82	0.76	
POLYSEED	2					15	8.87	3.50	5.37	0.72		
POLYSEED	3					20	8.85	1.56	7.29	0.73		
GGA	1					6	8.81	3.89	4.92	208	192	
GGA	2					6	8.83	4.48	4.35	179.5		
GGA	3					6	8.85	4.32	4.53	188.5		
M2314-01	1	No	6.4	N/A	18.20	0.5	8.88	5.35	3.53	1662	1605	
M2314-01	2					1	8.87	2.95	5.92	1548		
M2314-01	3					2	8.86	0.14	-	0		
M2314-01	4					5	8.85	0.10	-	0		
M2314-01DUP	1	No	6.4	N/A	18.20	0.5	8.86	5.30	3.56	1680	1615.5	
M2314-01DUP	2					1	8.85	2.92	5.93	1551		
M2314-01DUP	3					2	8.84	0.15	-	0		
M2314-01DUP	4					5	8.84	0.12	-	0		
M2315-01	1	No	6.4	N/A	17.20	1	8.87	6.90	-	0	172.8	
M2315-01	2					5	8.86	5.22	3.64	172.8		
M2315-01	3					20	8.67	0.17	-	0		
M2315-01	4					50	8.15	0.13	-	0		
M2340-01	1	No	7.2	N/A	18.20	0.5	8.87	4.84	4.03	1962	1536	
M2340-01	2					1	8.86	4.40	4.46	1110		
M2340-01	3					2	8.85	0.69	-	0		
M2340-01	4					5	8.84	0.11	-	0		
M2340-01	5					20	8.72	0.09	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB114347

WorkList Name : bod5721 WorkList ID : 148708 Department : Wet-Chemistry Date : 05-07-2021 14:51:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/08/2021	Water	M2314-01	BOD5	Cool 4 deg C	PHAR02	P61	32220008-3	05/06/2021	SM5210 B
05/08/2021	Water	M2315-01	BOD5	Cool 4 deg C	PHAR02	P61	15220012-1	05/06/2021	SM5210 B
05/09/2021	Water	M2340-01	BOD5	Cool 4 deg C	ARDM01	EFF-WW		05/07/2021	SM5210 B

Date/Time 05/07/21 17:00
 Raw Sample Received by: KS (wetchem)
 Raw Sample Relinquished by: AM (wetchem)

Date/Time 05/07/21 17:45
 Raw Sample Received by: AM (wetchem)
 Raw Sample Relinquished by: KS (wetchem)