



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 05/19/2021

QC BATCH ID: LB114554

BOD Water: WP91217

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP91218

GGA: WP91219

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

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.75
WINKLER 2	WINKLER 2	2	300	8.8	17.5	8.7	8.75

Meter Calibration1: 8.64

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.68

After Incubation

Meter Calibration2: 8.57

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.04 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.65



QC BATCH ID: LB114554

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:40

TIME OUT: 10:50

DATE IN: 05/19/2021

DATE OUT: 05/24/2021

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
LB114554BL	1	No	6.21	N/A	21.50	300	8.68	8.60	0.08	0.08	0.08	
POLYSEED	1					10	8.68	5.52	3.16	0.63	0.69	
POLYSEED	2					15	8.59	3.49	5.1	0.68		
POLYSEED	3					20	8.53	1.05	7.48	0.75		
GGA	1					6	8.49	4.04	4.45	188	188.33	
GGA	2					6	8.46	3.89	4.57	194		
GGA	3					6	8.45	4.10	4.35	183		
M2440-01	1	No	6.97	N/A	21.60	5	8.45	8.14	-	0		
M2440-01	2					20	8.39	7.98	-	0		
M2440-01	3					50	8.36	7.67	-	0		
M2440-01	4					150	8.25	7.39	-	0		
M2440-01DUP	1	No	6.97	N/A	21.60	5	8.46	8.16	-	0		
M2440-01DUP	2					20	8.38	8.02	-	0		
M2440-01DUP	3					50	8.35	7.64	-	0		
M2440-01DUP	4					150	8.23	7.35	-	0		
M2452-02	1	No	6.88	N/A	21.80	0.5	8.37	5.97	2.4	1026	1105.5	
M2452-02	2					1	8.25	3.61	4.64	1185		
M2452-02	3					2	8.20	0.14	-	0		
M2452-02	4					3	8.16	0.11	-	0		

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

2B114554
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-51921 WorkList ID : 149090 Department : Wet-Chemistry Date : 05-19-2021 15:28:19

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/20/2021	Water	M2440-01	BOD5	Cool 4 deg C	PSEG03	E41	TOTE-1	05/18/2021	SM5210 B
05/21/2021	Water	M2452-02	BOD5	Cool 4 deg C	ARAM01	F21	COMP	05/19/2021	SM5210 B

Date/Time 05/19/2021 15:40
Raw Sample Received by: AML(wet-chem)
Raw Sample Relinquished by: KS (wetchem)

Date/Time 05/19/2021 16:50
Raw Sample Received by: KS (wetchem)
Raw Sample Relinquished by: AML(wetchem)