



BOD Soluble LOG

ANALYST: ketankumar

SUPERVISOR: Iwona

QC BATCH ID: LB121095

Analysis Date: 07/14/2022

BOD Water: WP97907

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: WP94324

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP97909

NaOH, 1N: WP97250

GGA: WP97908

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP97672

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.81

Zero DO Reading1: 0.09 mg/L (≤ 0.2 Criteria)

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.54

Zero DO Reading2: 0.09 mg/L (≤ 0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB121095

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 18:25

TIME OUT: 12:00

DATE IN: 07/14/2022

DATE OUT: 07/19/2022

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
LB121095BL	1	No	6.4	N/A	21.20	300	8.88	8.75	0.13	0.13	0.13	
POLYSEED	1					10	8.88	4.60	4.28	0.86	0.81	
POLYSEED	2					15	8.87	2.44	6.43	0.86		
POLYSEED	3					20	8.85	1.70	7.15	0.72		
GGA	1					6	8.88	3.73	5.15	217	192.17	
GGA	2					6	8.82	4.30	4.52	185.5		
GGA	3					6	8.83	4.54	4.29	174		
N3717-06	1	No	8.03	7.20	21.20	2	8.75	6.78	-	0	18.64	pH Adjusted
N3717-06	2					10	8.72	6.70	2.02	36.3		
N3717-06	3					50	8.70	5.98	2.72	11.46		
N3717-06	4					100	8.68	5.15	3.53	8.16		
N3717-06DUP	1	No	8.03	7.20	21.20	2	8.78	6.80	-	0	18.75	pH Adjusted
N3717-06DUP	2					10	8.75	6.72	2.03	36.6		
N3717-06DUP	3					50	8.73	6.00	2.73	11.52		
N3717-06DUP	4					100	8.70	5.18	3.52	8.13		

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

WORKLIST(Hardcopy Internal Chain)

LB121095

WorkList Name : bod soluble71422 WorkList ID : 161361 Department : Wet-Chemistry Date : 07-14-2022 10:27:58

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample		Collect Date	Method
						Storage	Location		
07/16/2022	Water	N3717-06	✓ BOD Soluble	Cool 4 deg C	M&MM01	G11	6CS	07/14/2022	SM5210 B

Date/Time 07/14/22 17:45
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: [Signature]

Date/Time 07/14/22 18:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: KS(wc)