



BOD5 LOG

ANALYST: jignesh

SUPERVISOR: Iwona

QC BATCH ID: LB121584

Analysis Date: 08/18/2022

BOD Water: WP98480

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: M5038

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP98484

NaOH, 1N: WP97250

GGA: WP98481

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP98094

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	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.60

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 750 mmHg

Winkler titrated BOD fluid DO reading1: 8.80

After Incubation

Meter Calibration2: 8.56

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

Barometric Pressure2: 755 mmHg

Winkler titrated BOD fluid DO reading2: 8.10



QC BATCH ID: LB121584

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 11:00

TIME OUT: 10:00

DATE IN: 08/18/2022

DATE OUT: 08/23/2022

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
LB121584BL	1	No	6.4	N/A	21.20	300	8.83	8.65	0.18	0.18	0.18	
POLYSEED	1					10	8.81	3.68	5.13	1.03	0.88	
POLYSEED	2					15	8.80	2.20	6.6	0.88		
POLYSEED	3					20	8.72	1.33	7.39	0.74		
GGA	1					6	8.75	3.26	5.49	230.5	212.83	
GGA	2					6	8.74	3.97	4.77	194.5		
GGA	3					6	8.74	3.59	5.15	213.5		
N4230-02	1	No	6.26	7.20	20.60	0.5	8.81	5.81	3	1272	991.5	pH Adjuste
N4230-02	2					1	8.80	3.96	4.84	1188		
N4230-02	3					2	8.78	2.26	6.52	846		
N4230-02	4					3	8.77	1.29	7.48	660		
N4238-01	1	No	8.45	7.20	20.80	5	8.80	8.05	-	0		pH Adjuste
N4238-01	2					20	8.78	7.81	-	0		
N4238-01	3					50	8.75	7.94	-	0		
N4238-01	4					150	8.73	7.31	-	0		
N4238-01DUP	1	No	8.45	7.20	20.80	5	8.81	8.06	-	0		pH Adjuste
N4238-01DUP	2					20	8.79	7.82	-	0		
N4238-01DUP	3					50	8.77	7.96	-	0		
N4238-01DUP	4					150	8.75	7.33	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 121584

WorkList Name : bod81822 WorkList ID : 162403 Department : Wet-Chemistry Date : 08-18-2022 09:16:06

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/19/2022	Water	N4230-02	BOD5	Cool 4 deg C	ARAM01	N11	COMP	08/17/2022	SM5210 B
08/19/2022	Water	N4238-01	C BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	08/17/2022	SM5210 B

Date/Time 08/18/22 09:25
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: AK (WC)

Date/Time 08/18/22 11:15
 Raw Sample Received by: AK (WC)
 Raw Sample Relinquished by: KS (WC)