



BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 02/10/2022

QC BATCH ID: LB118618

BOD Water: WP95219

Starch: W2766

Sulfuric acid, 1N: M5038

POLYSEED: WP95221

GGA: WP95220

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP94570

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP94126

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.6	9.6	9.65
WINKLER 2	WINKLER 2	2	300	9.6	19.3	9.7	9.65

Meter Calibration1: 9.11

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 9.48

After Incubation

Meter Calibration2: 9.11

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB118618

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:00

TIME OUT: 12:00

DATE IN: 02/10/2022

DATE OUT: 02/15/2022

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
LB118618BL	1	No	6.4	N/A	21.20	300	9.01	8.85	0.16	0.16	0.16	
POLYSEED	1					10	8.96	4.53	4.43	0.89	0.81	
POLYSEED	2					15	8.95	3.15	5.8	0.77		
POLYSEED	3					20	8.94	1.31	7.63	0.76		
GGA	1					6	8.84	3.98	4.86	202.5	193.33	
GGA	2					6	8.86	3.90	4.96	207.5		
GGA	3					6	8.87	4.66	4.21	170		
N1445-02	1	No	8.08	7.2	20.20	0.5	8.92	7.50	-	0	456	pH Adjusted
N1445-02	2					1	8.87	6.54	2.33	456		
N1445-02	3					2	8.85	4.86	3.99	477		
N1445-02	4					3	8.84	3.68	5.16	435		
N1472-01	1	No	8.17	7.20	20.50	5	8.92	8.06	-	0	2.58	pH Adjusted
N1472-01	2					20	8.89	7.76	-	0		
N1472-01	3					50	8.88	7.39	-	0		
N1472-01	4					150	8.86	6.76	2.1	2.58		
N1472-01DUP	1	No	8.17	7.20	20.50	5	8.90	8.08	-	0	2.56	pH Adjusted
N1472-01DUP	2					20	8.88	7.76	-	0		
N1472-01DUP	3					50	8.86	7.38	-	0		
N1472-01DUP	4					150	8.85	6.76	2.09	2.56		

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

WORKLIST(Hardcopy Internal Chain)

LB118618

WorkList Name : BOD21022 WorkList ID : 156713 Department : Wet-Chemistry Date : 02-10-2022 10:52:52

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/11/2022	Water	N1445-02	BOD5	Cool 4 deg C	ARAM01	M11	COMP	02/09/2022	SM5210 B
02/11/2022	Water	N1472-01	BOD5	Cool 4 deg C	INFR01	M11	WEEKLY-OUTFALL-002	02/09/2022	SM5210 B

Date/Time 02/10/22 14:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 02/10/22 15:05
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)