



BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: Iwona

Analysis Date: 08/05/2022

QC BATCH ID: LB121374

BOD Water: WP98218

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP98220

GGA: WP98219

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP97250

IncubatorID: INCUBATOR #3

GuageID: 0511064

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	8.9
WINKLER 2	WINKLER 2	2	300	8.8	17.8	9	8.9

Meter Calibration1: 8.73

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.63

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.87



QC BATCH ID: LB121374

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:25

TIME OUT: 12:30

DATE IN: 08/05/2022

DATE OUT: 08/10/2022

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
LB121374BL	1	No	6.4	N/A	21.20	300	8.89	8.80	0.09	0.09	0.09	
POLYSEED	1					10	8.90	4.35	4.55	0.91	0.79	
POLYSEED	2					15	8.88	3.52	5.36	0.71		
POLYSEED	3					20	8.86	1.36	7.5	0.75		
GGA	1					6	8.85	3.49	5.36	228.5	207.17	
GGA	2					6	8.83	3.95	4.88	204.5		
GGA	3					6	8.81	4.25	4.56	188.5		
N4079-01	1	No	7.25	N/A	21.50	0.5	8.89	6.77	2.12	798	837	
N4079-01	2					1	8.86	5.06	3.8	903		
N4079-01	3					2	8.85	2.66	6.19	810		
N4079-01	4					3	8.83	0.27	-	0		
N4079-01DUP	1	No	7.25	N/A	21.50	0.5	8.87	6.78	2.09	780	826	
N4079-01DUP	2					1	8.85	5.08	3.77	894		
N4079-01DUP	3					2	8.83	2.68	6.15	804		
N4079-01DUP	4					3	8.81	0.30	-	0		
N4087-01	1	No	7.62	N/A	20.60	0.5	8.89	5.94	2.95	1296	1139.5	
N4087-01	2					1	8.84	4.44	4.4	1083		
N4087-01	3					2	8.82	1.10	7.72	1039.5		
N4087-01	4					5	8.73	0.11	-	0		
N4087-01	5					10	8.59	0.09	-	0		
N4087-05	1	No	6.08	N/A	20.40	0.01	8.89	7.81	-	0	8730	
N4087-05	2					0.05	8.87	6.48	2.39	9600		
N4087-05	3					0.1	8.86	5.45	3.41	7860		
N4087-05	4					0.5	8.85	0.16	-	0		
N4087-05	5					1	8.83	0.13	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD8522

WorkList ID : 162035

Department : Wet-Chemistry

Date : 08-05-2022 14:51:58

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/07/2022	Water	N4079-01	BOD5	Cool 4 deg C	ARDM01	N11	EFF-VWW	08/05/2022	SM5210 B
08/07/2022	Water	N4087-01	BOD5	Cool 4 deg C	HOLL01	J11	EFFLUENT	08/05/2022	SM5210 B
08/07/2022	Water	N4087-05	BOD5	Cool 4 deg C	HOLL01	J11	INFLUENT	08/05/2022	SM5210 B

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

08/05/22 14:55
KS(WC)
MS(WC)

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

08/05/22 14:30
MS(WC)
KS(WC)