CHEMTECH

BOD5 LOG

ANALYST: jignesh

SUPERVISOR: Iwona

QC BATCH ID: LB122276

Analysis Date: 09/30/2022

BOD Water: WP99233

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: WP94324

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP99234

NaOH, 1N: WP97250

GGA: WP99235

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	8.7	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 8.87

Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

Winkler titrated BOD fluid DO reading1: 8.82

After Incubation

Meter Calibration2: 8.89

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

Barometric Pressure2: 755 mmHg

Winkler titrated BOD fluid DO reading2: 8.79

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QC BATCH ID: LB122276

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 10:00

TIME OUT: 11:00

DATE IN: 09/30/2022

DATE OUT: 10/05/2022

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
LB122276BL	1	No	6.86	N/A	20.20	300	8.79	8.77	0.02	0.02	0.02	
POLYSEED	1					10	8.77	5.19	3.58	0.72	0.65	
POLYSEED	2					15	8.76	3.75	5.01	0.67		
POLYSEED	3					20	8.74	3.16	5.58	0.56		
GGA	1					6	8.75	4.62	4.13	174	183	
GGA	2					6	8.77	4.58	4.19	177		
GGA	3					6	8.76	4.15	4.61	198		
N4894-01	1	No	6.06	6.98	21.10	5	8.78	8.25	-	0		pH Adjuste
N4894-01	2					20	8.77	7.93	-	0		
N4894-01	3					50	8.76	7.92	-	0		
N4894-01	4					150	8.71	7.86	-	0		
N4894-01DUP	1	No	6.06	6.98	20.10	5	8.78	8.24	-	0		pH Adjuste
N4894-01DUP	2					20	8.76	7.94	-	0		
N4894-01DUP	3					50	8.73	7.90	-	0		
N4894-01DUP	4					150	8.72	7.84	-	0		
N4894-03	1	No	6.83	N/A	20.10	5	8.79	8.41	-	0		
N4894-03	2					20	8.78	8.15	-	0		
N4894-03	3					50	8.74	8.14	-	0		
N4894-03	4					150	8.50	7.38	-	0		
N4894-05	1	No	6.78	N/A	20.10	5	8.75	8.15	-	0		
N4894-05	2					20	8.72	8.14	-	0		
N4894-05	3					50	8.63	8.04	-	0		
N4894-05	4					150	8.23	7.23	-	0		
N4894-07	1	No	6.79	N/A	20.20	5	8.73	8.32	-	0		
N4894-07	2					20	8.69	8.26	-	0		
N4894-07	3					50	8.60	8.01	-	0		
N4894-07	4					150	8.19	6.83	-	0		

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

LB122276

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-1-0930 **WorkList ID :** 163681 **Department :** Wet-Chemistry **Date :** 09-30-2022 9:01:05

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/30/2022	Water	N4894-01	BOD5	Cool 4 deg C	LOCK01	N11	MW-1	09/28/2022	SM5210 B
09/30/2022	Water	N4894-03	BOD5	Cool 4 deg C	LOCK01	N11	MW-3	09/28/2022	SM5210 B
09/30/2022	Water	N4894-05	BOD5	Cool 4 deg C	LOCK01	N11	MW-2	09/28/2022	SM5210 B
09/30/2022	Water	N4894-07	BOD5	Cool 4 deg C	LOCK01	N11	MW-4	09/28/2022	SM5210 B

Date/Time 9/30/2022 9:05
Raw Sample Received by: SJ (WC)
Raw Sample Relinquished by: CP(SM)

Date/Time 9/30/2022 12:05
Raw Sample Received by: CP(SM)
Raw Sample Relinquished by: SJ (WC)