CHEMTECH

BOD5 LOG

ANALYST: jignesh

SUPERVISOR: Iwona

QC BATCH ID: LB122258

Analysis Date: 09/29/2022

BOD Water: WP99196

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: WP94324

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP99197

NaOH, 1N: WP97250

GGA: WP99199

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	8.6	8.6	8.65
WINKLER 2	WINKLER 2	2	300	8.6	17.3	8.7	8.65

Meter Calibration1: 8.87 Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg Winkler titrated BOD fluid DO reading1: 8.86

After Incubation

Meter Calibration2: 8.89 Zero DO Reading2: 0.07 mg/L (<=0.2 Criteria)

Barometric Pressure2: 755 mmHg Winkler titrated BOD fluid DO reading2: 8.67

CHEMTECH

QC BATCH ID: LB122258

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 13:30

TIME OUT: 13:30

DATE IN: 09/29/2022

DATE OUT: 10/04/2022

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
LB122258BL	1	No	6.80	N/A	20.10	300	8.84	8.71	0.13	0.13	0.13	
POLYSEED	1					10	8.83	4.47	4.36	0.87	0.71	
POLYSEED	2					15	8.82	3.67	5.15	0.69		
POLYSEED	3					20	8.81	3.03	5.78	0.58		
GGA	1					6	8.81	3.96	4.85	207	195.33	
GGA	2					6	8.76	4.22	4.54	191.5		
GGA	3					6	8.75	4.29	4.46	187.5		
N4788-03	1	No	3.00	6.74	20.20	1	8.80	7.68	-	0	86.25	pH Adjuste
N4788-03	2					5	8.79	6.97	-	0		
N4788-03	3					20	8.78	2.32	6.46	86.25		
N4788-03	4					50	8.77	0.25	-	0		
N4788-03	5					100	8.75	0.22	-	0		
N4861-02	1	No	6.17	7.20	22.10	0.5	8.82	5.88	2.94	1338	1363.5	pH Adjuste
N4861-02	2					1	8.80	3.46	5.34	1389		
N4861-02	3					2	8.78	0.32	-	0		
N4861-02	4					3	8.74	0.19	-	0		
N4862-04	1	No	7.32	N/A	20.10	5	8.80	7.52	-	0	3.02	
N4862-04	2					20	8.69	7.26	-	0		
N4862-04	3					50	8.36	7.18	-	0		
N4862-04	4					150	7.45	5.23	2.22	3.02		
N4862-04DUP	1	No	7.32	N/A	20.10	5	8.79	7.62	-	0	2.94	
N4862-04DUP	2					20	8.72	7.32	-	0		
N4862-04DUP	3					50	8.32	7.11	-	0		
N4862-04DUP	4					150	7.42	5.24	2.18	2.94		
N4874-01	1	No	8.44	6.85	22.10	5	8.75	8.32	-	0	4.34	pH Adjuste
N4874-01	2					20	8.74	8.26	-	0		
N4874-01	3					50	8.70	7.18	-	0		
N4874-01	4					150	8.44	5.56	2.88	4.34		

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

LB 122258

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-0929 **WorkList ID :** 163625 **Department :** Wet-Chemistry **Date :** 09-29-2022 09:12:59

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/21/2022	Water	N4788-03	BOD5	Cool 4 deg C	CHEM02	QA Of	PT-DEM-WP	09/19/2022	SM5210 B
09/30/2022	Water	N4861-02 D	BOD5	Cool 4 deg C	ARAM01	N11	COMP	09/28/2022	SM5210 B
09/30/2022	Water	N4862-04 L	BOD5	Cool 4 deg C	PSEG03	N11	A2720	09/28/2022	SM5210 B
09/30/2022	Water	N4874-01 E	BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	09/28/2022	SM5210 B

Date/Time 9/29/2022 10:30
Raw Sample Received by: SJ (wc)
Raw Sample Relinquished by: CP(SM)

Date/Time 9/29/2022 13:30
Raw Sample Received by: CP(SM)
Raw Sample Relinquished by: SJ(wc)