CHEMTECH

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

QC BATCH ID: LB118242

Analysis Date: 01/14/2022

BOD Water: WP94829

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2703

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: WP88863

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP94831

NaOH, 1N: WP94570

GGA: WP94830

IncubatorID: INCUBATOR #3

Chlorine Strips: W2543

GuageID: 0511064

pH Strips: W2716

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

Barometric Pressure1: 750 mmHg Winkler titrated BOD fluid DO reading1: 9.79

After Incubation

Meter Calibration2: 9.12 Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg Winkler titrated BOD fluid DO reading2: 9.24

CHEMTECH

QC BATCH ID: LB118242

INCUBATOR TEMP IN(C): 20.5 **INCUBATOR TEMP OUT(C):** 20.3

TIME IN: 17:10 **TIME OUT:** 11:00

DATE IN: 01/14/2022 **DATE OUT:** 01/19/2022

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp ℃	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB118242BL	1	No	6.0	N/A	21.20	300	9.10	8.94	0.16	0.16	0.16	
POLYSEED	1					10	9.03	5.05	3.98	0.8	0.83	
POLYSEED	2					15	9.08	2.12	6.96	0.93		
POLYSEED	3					20	9.08	1.61	7.47	0.75		
GGA	1					6	9.06	4.25	4.81	199	198.67	
GGA	2					6	9.07	4.05	5.02	209.5		
GGA	3					6	9.08	4.50	4.58	187.5		
N1140-01	1	No	6.24	N/A	20.30	0.5	8.99	7.13	-	0	912.75	
N1140-01	2					1	8.97	5.56	3.41	774		
N1140-01	3					2	8.93	1.09	7.84	1051.5		
N1140-01	4					5	8.92	0.22	-	0		
N1140-01	5					10	8.78	0.20	-	0		
N1140-05	1	No	8.23	7.20	20.20	0.01	9.01	7.56	-	0	10920	pH Adjuste
N1140-05	2					0.05	8.99	6.34	2.65	10920		
N1140-05	3					0.1	8.98	0.27	-	0		
N1140-05	4					0.5	8.97	0.20	-	0		
N1140-05	5					1	8.95	0.18	-	0		
N1147-01	1	No	6.80	N/A	20.30	5	8.95	8.38	-	0	8.12	
N1147-01	2					20	8.96	8.17	-	0		
N1147-01	3					50	8.92	8.06	-	0		
N1147-01	4					150	8.85	3.96	4.89	8.12		
N1147-01DUP	1	No	6.80	N/A	20.30	5	8.93	8.40	-	0	8.1	
N1147-01DUP	2					20	8.92	8.20	-	0		
N1147-01DUP	3					50	8.90	8.10	-	0		
N1147-01DUP	4					150	8.88	4.00	4.88	8.1		
N1147-03	1	No	7.20	N/A	20.40	5	8.99	7.88	-	0	6.5	
N1147-03	2					20	8.95	7.49	-	0		
N1147-03	3					50	8.89	7.11	-	0		
N1147-03	4					150	8.76	4.68	4.08	6.5		
N1157-02	1	No	7.26	N/A	20.50	0.5	8.98	5.15	3.83	1800	1873.5	
N1157-02	2					1	8.95	1.63	7.32	1947		
N1157-02	3					2	8.94	0.19	-	0		
N1157-02	4					3	8.92	0.18	-	0		

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

LB 118242

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD11322 **WorkList ID :** 156002 **Department :** Wet-Chemistry **Date :** 01-13-2022 14:44:02

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/15/2022	Water	N1140-01 C	BOD5	Cool 4 deg C	HOLL01	H11	EFFLUENT	01/13/2022	SM5210 B
01/15/2022	Water	N1140-05 B	BOD5	Cool 4 deg C	HOLL01	H11	INFLUENT	01/13/2022	SM5210 B
01/15/2022	Water	N1147-01 E	BOD5	Cool 4 deg C	PSEG03	I11	DSN002	01/13/2022	SM5210 B
01/15/2022	Water	N1147-03 E	BOD5	Cool 4 deg C	PSEG03	I11	RSW003	01/13/2022	SM5210 B
01/16/2022	Water	N1157-02 B	BOD5	Cool 4 deg C	ARDM01	J11	EFF-WW	01/14/2022	SM5210 B

Date/Time 01/14/22 16:00

Raw Sample Received by: KS (WC)

Raw Sample Relinquished by: JR (COC)

Date/Time 01/14/22 17:15

Raw Sample Received by: JR (COC)

Raw Sample Relinquished by: KS (WC)