



BOD5 LOG

ANALYST: JIGNESH

SUPERVISOR: apatel

Analysis Date: 03/17/2022

QC BATCH ID: LB119202

BOD Water: WP95837

Starch: W2766

Sulfuric acid, 1N: M5038

POLYSEED: WP95839

GGA: WP95838

Chlorine Strips: W2011

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: WP95554

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.2	9.2	9.2
WINKLER 2	WINKLER 2	2	300	9.2	18.4	9.2	9.2

Meter Calibration1: 9.05

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 9.02

After Incubation

Meter Calibration2: 9.22

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 9.05



QC BATCH ID: LB119202

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 11:00

TIME OUT: 11:15

DATE IN: 03/17/2022

DATE OUT: 03/23/2022

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
LB119202BL	1	No	6.0	N/A	20.80	300	9.01	8.91	0.1	0.1	0.1	
POLYSEED	1					10	8.91	5.88	3.03	0.61	0.62	
POLYSEED	2					15	8.88	4.14	4.74	0.63		
POLYSEED	3					20	8.84	2.73	6.11	0.61		
GGA	1					6	8.92	4.20	4.72	205	201.17	
GGA	2					6	8.88	4.25	4.63	200.5		
GGA	3					6	8.86	4.28	4.58	198		
N1955-03	1	No	7.0	N/A	20.50	5	8.97	8.37	-	0		
N1955-03	2					20	8.96	8.32	-	0		
N1955-03	3					50	8.94	7.88	-	0		
N1955-03	4					150	8.92	7.72	-	0		
N1984-02	1	No	6.02	N/A	20.70	0.5	9.00	6.75	2.25	978	1045.5	
N1984-02	2					1	8.98	4.65	4.33	1113		
N1984-02	3					2	8.95	0.25	-	0		
N1984-02	4					3	8.90	0.08	-	0		
N1987-01	1	No	8.15	7.2	20.30	5	8.97	8.00	-	0	3.9	pH Adjusted
N1987-01	2					20	8.94	7.82	-	0		
N1987-01	3					50	8.93	7.51	-	0		
N1987-01	4					150	8.86	6.29	2.57	3.9		
N1987-01DUP	1	No	8.15	7.2	20.30	5	8.99	8.01	-	0	3.94	pH Adjusted
N1987-01DUP	2					20	8.96	7.81	-	0		
N1987-01DUP	3					50	8.95	7.50	-	0		
N1987-01DUP	4					150	8.88	6.29	2.59	3.94		

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

WORKLIST(Hardcopy Internal Chain)

LB 119202

WorkList Name : bod n1955 WorkList ID : 157799 Department : Wet-Chemistry Date : 03-17-2022 08:14:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/17/2022	Water	N1955-03	BOD5	Cool 4 deg C	PSEG03	1335		03/15/2022	SM5210 B
03/18/2022	Water	N1984-02	BOD5	Cool 4 deg C	ARAM01	N22	COMP	03/16/2022	SM5210 B
03/18/2022	Water	N1987-01	BOD5	Cool 4 deg C	INFR01	N22	WEEKLY-OUTFALL-002	03/16/2022	SM5210 B

Date/Time 03/17/22 08:20
 Raw Sample Received by: JB (601)
 Raw Sample Relinquished by: JB (520)

Date/Time 03/17/22 11:35
 Raw Sample Received by: JB (520)
 Raw Sample Relinquished by: JB (601)