



BOD5 LOG

ANALYST: JIGNESH

SUPERVISOR: mohammad

Analysis Date: 03/04/2022

QC BATCH ID: LB119017

BOD Water: WP95685

Starch: W2766

Sulfuric acid, 1N: M5038

POLYSEED: WP95687

GGA: WP95686

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	9.1	9.1	9.15
WINKLER 2	WINKLER 2	2	300	9.1	18.3	9.2	9.15

Meter Calibration1: 9.22

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.05 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 9.02

After Incubation

Meter Calibration2: 9.06

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.89

QC BATCH ID: LB119017

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 10:37

TIME OUT: 12:30

DATE IN: 03/04/2022

DATE OUT: 03/09/2022

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
LB119017BL	1	No	6.0	N/A	21.20	300	9.01	8.90	0.11	0.11	0.11	
POLYSEED	1					10	9.00	5.60	3.4	0.68	0.62	
POLYSEED	2					15	8.98	4.73	4.25	0.57		
POLYSEED	3					20	8.95	2.74	6.21	0.62		
GGA	1					6	8.96	4.25	4.71	204.5	210.83	
GGA	2					6	8.97	4.23	4.74	206		
GGA	3					6	8.98	3.92	5.06	222		
N1734-02	1	No	6.45	N/A	20.20	0.5	8.98	7.75	-	0	422.33	
N1734-02	2					1	8.96	6.80	2.16	462		
N1734-02	3					2	8.94	5.78	3.16	381		
N1734-02	4					3	8.93	4.07	4.86	424		
N1746-01	1	No	8.40	7.20	20.60	5	8.97	8.13	-	0	7.43	pH Adjusted
N1746-01	2					20	8.95	7.84	-	0		
N1746-01	3					50	8.93	6.50	2.43	10.86		
N1746-01	4					150	8.91	6.29	2.62	4		
N1746-01DUP	1	No	8.40	7.20	20.60	5	8.95	8.15	-	0	7.29	pH Adjusted
N1746-01DUP	2					20	8.94	7.85	-	0		
N1746-01DUP	3					50	8.92	6.53	2.39	10.62		
N1746-01DUP	4					150	8.90	6.30	2.6	3.96		
N1780-01	1	No	6.02	N/A	20.10	0.1	8.98	7.11	-	0	3183	
N1780-01	2					0.2	8.95	6.39	2.56	2910		
N1780-01	3					0.5	8.93	2.55	6.38	3456		
N1780-01	4					1.0	8.91	0.19	-	0		
N1782-01	1	No	7.13	N/A	20.40	5	8.96	8.23	-	0	6.8	
N1782-01	2					20	8.94	7.87	-	0		
N1782-01	3					50	8.93	7.41	-	0		
N1782-01	4					150	8.91	4.89	4.02	6.8		
N1782-03	1	No	7.08	N/A	20.60	5	8.97	8.19	-	0	3.86	
N1782-03	2					20	8.95	7.32	-	0		
N1782-03	3					50	8.93	7.30	-	0		
N1782-03	4					150	8.91	6.36	2.55	3.86		
N1782-05	1	No	6.93	N/A	20.60	5	8.98	8.20	-	0	8.36	
N1782-05	2					20	8.95	7.78	-	0		
N1782-05	3					50	8.93	7.34	-	0		
N1782-05	4					150	8.90	4.10	4.8	8.36		

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

WORKLIST(Hardcopy Internal Chain)

LB119017

WorkList Name : bod3422 WorkList ID : 157418 Department : Wet-Chemistry Date : 03-04-2022 09:24:01

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample		Collect Date	Method
						Storage	Location		
03/04/2022	Water	N1734-02	BOD5	Cool 4 deg C	ARAM01	P11	COMP	03/02/2022	SM5210 B
03/04/2022	Water	N1746-01	F-BOD5	Cool 4 deg C	INFR01	P11	MONTHLY-OUTFALL-002	03/02/2022	SM5210 B
03/05/2022	Water	N1780-01	A-BOD5	Cool 4 deg C	MAJO01	P11	DRAIN-WATER-TANK-1	03/03/2022	SM5210 B
03/05/2022	Water	N1782-01	F-BOD5	Cool 4 deg C	PSEG04	P11	DSN002	03/03/2022	SM5210 B
03/05/2022	Water	N1782-03	F-BOD5	Cool 4 deg C	PSEG04	P11	DSN001	03/03/2022	SM5210 B
03/05/2022	Water	N1782-05	D-BOD5	Cool 4 deg C	PSEG04	P11	RWS003	03/03/2022	SM5210 B

Date/Time 03/04/22 15:00
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: 12/41

Date/Time 03/04/22 16:05
 Raw Sample Received by: 12/41
 Raw Sample Relinquished by: KS (WC)