

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: mohammad

Analysis Date: 07/27/2022

QC BATCH ID: LB121242

BOD Water: WP98086

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP98089

GGA: WP98087

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP97250

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP97672

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.84

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.89

After Incubation

Meter Calibration2: 8.84

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB121242

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 10:25

TIME OUT: 12:00

DATE IN: 07/27/2022

DATE OUT: 08/01/2022

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
LB121242BL	1	No	6.0	N/A	21.20	300	8.90	8.85	0.05	0.05	0.05	
POLYSEED	1					10	8.87	4.79	4.08	0.82	0.74	
POLYSEED	2					15	8.85	3.94	4.91	0.65		
POLYSEED	3					20	8.83	1.48	7.35	0.74		
GGA	1					6	8.87	3.67	5.2	223	207	
GGA	2					6	8.81	3.97	4.84	205		
GGA	3					6	8.80	4.20	4.6	193		
N3885-01	1	No	7.92	N/A	21.90	0.5	8.87	7.63	-	0	203	
N3885-01	2					1	8.85	6.90	-	0		
N3885-01	3					2	8.83	6.38	2.45	256.5		
N3885-01	4					5	8.81	4.75	4.06	199.2		
N3885-01	5					10	8.73	2.88	5.85	153.3		
N3885-05	1	No	4.89	7.20	21.80	0.01	8.86	8.33	-	0	5700	pH Adjusted
N3885-05	2					0.05	8.85	7.75	-	0		
N3885-05	3					0.1	8.82	6.18	2.64	5700		
N3885-05	4					0.5	8.80	0.20	-	0		
N3885-05	5					1	8.78	0.18	-	0		
N3907-01	1	No	6.94	N/A	23.10	5	8.80	6.87	-	0	23.59	
N3907-01	2					20	8.65	6.60	2.05	19.65		
N3907-01	3					50	8.24	2.91	5.33	27.54		
N3907-01	4					150	6.60	0.18	-	0		
N3907-01DUP	1	No	6.94	7.20	23.10	5	8.82	6.89	-	0	23.58	pH Adjusted
N3907-01DUP	2					20	8.68	6.62	2.06	19.8		
N3907-01DUP	3					50	8.25	2.95	5.3	27.36		
N3907-01DUP	4					150	6.62	0.20	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB121242

WorkList Name : BOD72622 WorkList ID : 161675 Department : Wet-Chemistry Date : 07-26-2022 14:54:42

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/27/2022	Water	N3885-01	C BOD5	Cool 4 deg C	HOLL01	G11	EFFLUENT	07/25/2022	SM5210 B
07/27/2022	Water	N3885-05	B BOD5	Cool 4 deg C	HOLL01	G11	INFLUENT	07/25/2022	SM5210 B
07/28/2022	Water	N3907-01	B BOD5	Cool 4 deg C	PSEG03	G11	CMS-OWS-OUTLET	07/26/2022	SM5210 B

Date/Time 07/27/22 09:00
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: KS(wc)

Date/Time 07/27/22 10:30
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: KS(wc)