

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 06/24/2021

QC BATCH ID: LB115087

BOD Water: wp91773

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: wp91775

GGA: wp91774

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP90938

NaOH, 1N: WP89214

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP91586

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	8.8
WINKLER 2	WINKLER 2	2	300	8.8	17.6	8.8	8.8

Meter Calibration1: 8.74

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.07 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.78

After Incubation

Meter Calibration2: 8.68

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.66



QC BATCH ID: LB115087

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:30

TIME OUT: 11:32

DATE IN: 06/24/2021

DATE OUT: 06/29/2021

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
LB115087BL	1	No	6.0	N/A	21.20	300	8.75	8.75	0	0	0	
POLYSEED	1					10	8.83	2.46	6.37	1.27	1.1	
POLYSEED	2					15	8.80	1.72	7.08	0.94		
POLYSEED	3					20	8.78	0.65	-	0		
GGA	1					6	8.80	3.97	4.83	186.5	181.17	
GGA	2					6	8.78	4.45	4.33	161.5		
GGA	3					6	8.74	3.73	5.01	195.5		
M2818-02	1	No	6.4	N/A	18.20	0.5	8.76	6.05	2.71	966	698.5	
M2818-02	2					1	8.74	6.03	2.71	483		
M2818-02	3					2	8.73	3.32	5.41	646.5		
M2818-02	4					3	8.70	0.83	-	0		
M2818-02DUP	1	No	6.4	N/A	18.20	0.5	8.75	6.08	2.67	942	682.5	
M2818-02DUP	2					1	8.72	6.05	2.67	471		
M2818-02DUP	3					2	8.69	3.36	5.33	634.5		
M2818-02DUP	4					3	8.68	0.86	-	0		
M2846-03	1	No	6.4	N/A	17.20	5	8.79	8.70	-	0	3.06	
M2846-03	2					20	8.77	7.90	-	0		
M2846-03	3					50	8.76	7.82	-	0		
M2846-03	4					150	8.75	6.12	2.63	3.06		

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

WORKLIST(Hardcopy Internal Chain)

LB 115087

WorkList Name : bod62421 WorkList ID : 150084 Department : Wet-Chemistry Date : 06-24-2021 15:11:44

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/25/2021	Water	M2818-02	BOD5	Cool 4 deg C	ARAM01	J22	COMP	06/23/2021	SM5210 B
06/26/2021	Water	M2846-03	BOD5	Cool 4 deg C	PSEG03	J22	DRUM-1	06/24/2021	SM5210 B

Date/Time 06/24/21 16:40
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: KS (Wetchem)

Date/Time 06/24/21 17:40
 Raw Sample Received by: SPG (Wetchem)
 Raw Sample Relinquished by: KS (Wetchem)