

**BOD5 LOG**

Analysis Date: 03/25/2020

QC BATCH ID: LB108434

ANALYST: jignesh

BOD Water: WP8313

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP83104

Sodium Thiosulfate, 0.025N: WP82690

GGA: WP83105

NaOH, 0.25N: WP80974

Chlorine Strips: W2543

IncubatorID: INCUBATOR #3

pH Strips: W2644

Zero DO: WP81261

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0	8.7	8.7	8.8
WINKLER 2	WINKLER 2	2	300	8.7	17.6	8.9	8.8

Meter Calibration1 : 8.80

Zero DO Reading1 : 0.04 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.80

Zero DO Reading2 : 0.02 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB108434

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 10:00

TIME OUT: 10:30

DATE IN: 03/25/2020

DATE OUT: 03/30/2020

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
LB108434BL	1	No	6.0	N/A	22.10	300	8.80	8.80	0	0	0	
POLYSEED	1					10	8.73	5.24	3.49	0.7	0.7	
POLYSEED	2					15	8.71	3.55	5.16	0.69		
POLYSEED	3					20	8.69	1.74	6.95	0.7		
GGA	1					6	8.73	4.22	4.51	190.5	190.5	
GGA	2					6	8.73	4.07	4.66	198	198	
GGA	3					6	8.73	3.66	5.07	218.5	218.5	
L2018-01	1	No	6.0	N/A	18.10	1	8.78	7.82	-	0		
L2018-01	2					5	8.78	7.70	-	0		
L2018-01	3					20	8.77	7.60	-	0		
L2018-01	4					50	8.75	7.49	-	0		
L2018-02	1	No	6.4	N/A	18.20	1	8.78	7.50	-	0	14.16	
L2018-02	2					5	8.68	7.41	-	0		
L2018-02	3					20	8.68	7.28	-	0		
L2018-02	4					50	8.68	5.62	3.06	14.16		
L2018-03	1	No	6.4	N/A	18.20	1	8.78	8.02	-	0	18.91	
L2018-03	2					5	8.76	6.92	-	0		
L2018-03	3					20	8.66	6.51	2.15	21.75		
L2018-03	4					50	8.51	5.13	3.38	16.08		
L2018-04	1	No	6.4	N/A	18.20	1	8.78	7.39	-	0	32.45	
L2018-04	2					5	8.76	7.30	-	0		
L2018-04	3					20	8.67	5.72	2.95	33.75		
L2018-04	4					50	8.52	2.63	5.89	31.14		
L2021-01	1	No	6.0	N/A	18.30	1	8.78	8.02	-	0		
L2021-01	2					5	8.76	7.69	-	0		
L2021-01	3					20	8.70	7.29	-	0		
L2021-01	4					50	8.61	6.98	-	0		
L2021-04	1	No	6.4	N/A	18.30	1	8.76	7.63	-	0	19.17	
L2021-04	2					5	8.68	6.86	-	0		
L2021-04	3					20	8.43	6.35	2.08	20.7		
L2021-04	4					50	7.82	4.18	3.64	17.64		
L2023-02	1	No	6.4	N/A	17.10	5	8.79	7.92	-	0		
L2023-02	2					20	8.76	7.51	-	0		
L2023-02	3					50	8.76	7.36	-	0		
L2023-02	4					150	8.75	7.22	-	0		
L2023-03	1	No	6.4	N/A	17.10	5	8.78	7.66	-	0		
L2023-03	2					20	8.78	7.51	-	0		
L2023-03	3					50	8.78	7.36	-	0		
L2023-03	4					150	8.78	7.17	-	0		
L2023-04	1	No	6.4	N/A	17.10	5	8.78	7.87	-	0		
L2023-04	2					20	8.78	7.77	-	0		

L2023-04	3					50	8.78	7.69	-	0		
L2023-04	4					150	8.78	7.51	-	0		
L2023-04DUP	1	No	6.4	N/A	17.10	5	8.78	7.90	-	0		
L2023-04DUP	2					20	8.78	7.79	-	0		
L2023-04DUP	3					50	8.78	7.68	-	0		
L2023-04DUP	4					150	8.78	7.53	-	0		

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

WB108434

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD L2021

WorkList ID : 137342

Department : Wet-Chemistry

Date : 03-25-2020 08:01:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/22/2020	Water	L2018-01 -1	BOD5	Cool 4 deg C	LOCK01		MW-1	03/20/2020	SM5210 B
03/22/2020	Water	L2018-02 -1	BOD5	Cool 4 deg C	LOCK01		MW-3	03/20/2020	SM5210 B
03/22/2020	Water	L2018-03 -1	BOD5	Cool 4 deg C	LOCK01		MW-4	03/20/2020	SM5210 B
03/22/2020	Water	L2018-04 -1	BOD5	Cool 4 deg C	LOCK01		MW-2	03/20/2020	SM5210 B
03/25/2020	Water	L2021-01 -G	BOD5	Cool 4 deg C	PSEG01	F22	MW-A	03/23/2020	SM5210 B
03/25/2020	Water	L2021-04 -F	BOD5	Cool 4 deg C	PSEG01	F22	MW-B	03/23/2020	SM5210 B
03/25/2020	Water	L2023-02 -E	BOD5	Cool 4 deg C	SHAW22	F31	KY038PS027-200323	03/23/2020	SM5210 B
03/25/2020	Water	L2023-03 -D	BOD5	Cool 4 deg C	SHAW22	F31	KY038PS037-200323	03/23/2020	SM5210 B
03/25/2020	Water	L2023-04 -D	BOD5	Cool 4 deg C	SHAW22	F31	KY038PS038-200323	03/23/2020	SM5210 B

Date/Time 03/25/2020 8:05
Received by: Jo
Relinquished by: AM

Date/Time 03/25/2020 12:20
Received by: AM
Relinquished by: JP