

**BOD5 LOG****Analysis Date:** 03/06/2020**QC BATCH ID:** LB108166**ANALYST:** jignesh**BOD Water:** WP82771**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP82773**Sodium Thiosulfate, 0.025N:** WP81413**GGA:** WP82772**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	0.0	8.5	8.5	8.55
WINKLER 2	WINKLER 2	2	300	8.5	17.1	8.6	8.55

Meter Calibration1 : 8.55

Zero DO Reading1 : 0.03 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.55

Zero DO Reading2 : 0.04 mg/L (≤ 0.2 Criteria)

QC BATCH ID: LB108166

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 16:00

TIME OUT: 11:10

DATE IN: 03/06/2020

DATE OUT: 03/11/2020

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
LB108166BL	1	No	8.55	N/A	13.20	300	8.54	8.54	0	0	0	
POLYSEED	1					10	8.49	5.08	3.41	0.68	0.65	
POLYSEED	2					15	8.45	3.49	4.96	0.66		
POLYSEED	3					20	8.39	2.21	6.18	0.62		
GGA	1					6	8.43	3.18	5.25	230	230	
GGA	2					6	8.45	4.40	4.05	170	170	
GGA	3					6	8.47	3.99	4.48	191.5	191.5	
L1820-01	1	No	7.0	N/A	14.20	0.5	8.50	8.41	-	0		
L1820-01	2					1	8.52	8.18	-	0		
L1820-01	3					2	8.53	8.14	-	0		
L1820-01	4					5	8.52	8.07	-	0		
L1820-01	5					10	8.49	8.02	-	0		
L1820-01DUP	1	No	7.0	N/A	14.20	0.5	8.52	8.44	-	0		
L1820-01DUP	2					1	8.54	8.22	-	0		
L1820-01DUP	3					2	8.52	8.15	-	0		
L1820-01DUP	4					5	8.54	8.09	-	0		
L1820-01DUP	5					10	8.51	8.03	-	0		
L1820-02	1	No	7.0	N/A	14.20	0.5	8.51	8.33	-	0		
L1820-02	2					1	8.50	8.29	-	0		
L1820-02	3					2	8.51	8.15	-	0		
L1820-02	4					5	8.49	8.08	-	0		
L1820-02	5					10	8.47	7.99	-	0		
L1833-01	1	No	6.51	N/A	18.60	0.5	8.48	7.39	-	0	436.95	
L1833-01	2					1	8.47	7.14	-	0		
L1833-01	3					2	8.46	4.66	3.8	472.5		
L1833-01	4					5	8.38	1.04	7.34	401.4		
L1833-01	5					10	8.22	0.08	-	0		
L1833-05	1	No	5.12	7.2	18.50	0.01	8.50	6.57	-	0	10605	pH Adjusted
L1833-05	2					0.05	8.49	6.01	2.48	10980		
L1833-05	3					0.1	8.48	4.42	4.06	10230		
L1833-05	4					0.5	8.49	0.05	-	0		
L1833-05	5					1	8.45	0.03	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod 11820 WorkList ID : 136803 Department : Wet-Chemistry Date : 03-06-2020 13:47:51

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/07/2020	Water	L1820-01	BOD5	Cool 4 deg C	TULL01		001-WILLETS-PT-BLVD-(MAF)	03/05/2020	SM5210 B
03/07/2020	Water	L1820-02	BOD5	Cool 4 deg C	TULL01		002-35TH-AVE-(MAR)	03/05/2020	SM5210 B
03/07/2020	Water	L1833-01	BOD5	Cool 4 deg C	HOLL01	O61	EFFLUENT	03/05/2020	SM5210 B
03/07/2020	Water	L1833-05	BOD5	Cool 4 deg C	HOLL01	O61	INFLUENT	03/05/2020	SM5210 B

Date/Time

Received by:

Relinquished by:

03-06-2020 13:50

JA

JA

Date/Time

Received by:

Relinquished by:

03-06-2020 16:35

JA

JA