

**BOD5 LOG**

Analysis Date: 03/05/2020

QC BATCH ID: LB108139

ANALYST: jignesh

BOD Water: WP82735

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP82737

Sodium Thiosulfate, 0.025N: WP81413

GGA: WP82736

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

Meter Calibration1 : 9.15

Zero DO Reading1 : 0.02 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 9.15

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

QC BATCH ID: LB108139

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 15:10

TIME OUT: 11:05

DATE IN: 03/05/2020

DATE OUT: 03/10/2020

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
LB108139BL	1	No	9.15	N/A	21.20	300	9.15	9.15	0	0	0	
POLYSEED	1					10	9.05	6.29	2.76	0.55	0.7	
POLYSEED	2					15	8.98	3.26	5.72	0.76		
POLYSEED	3					20	8.92	1.01	7.91	0.79		
GGA	1					6	9.06	4.41	4.65	197.5	197.5	
GGA	2					6	9.06	4.38	4.68	199	199	
GGA	3					6	9.03	4.05	4.98	214	214	
L1801-03	1	No	2.73	7.0	16.20	1	9.14	7.80	-	0	69.75	pH Adjusted
L1801-03	2					5	9.13	7.11	2.02	79.2		
L1801-03	3					10	9.14	6.09	3.05	70.5		
L1801-03	4					20	9.12	4.45	4.67	59.55		
L1801-03	5					50	9.09	0.13	-	0		
L1803-01	1	No	7.0	N/A	13.90	5	9.13	7.76	-	0	3.68	
L1803-01	2					20	9.14	7.37	-	0		
L1803-01	3					50	9.13	7.23	-	0		
L1803-01	4					150	9.14	6.60	2.54	3.68		
L1803-01DUP	1	No	7.0	N/A	13.80	5	9.14	7.78	-	0	3.6	
L1803-01DUP	2					20	9.11	7.39	-	0		
L1803-01DUP	3					50	9.12	7.24	-	0		
L1803-01DUP	4					150	9.13	6.63	2.5	3.6		
L1806-01	1	No	7.0	N/A	15.60	5	9.06	6.95	2.11	84.6	68.47	
L1806-01	2					20	8.96	4.77	4.19	52.35		
L1806-01	3					50	8.55	0.14	-	0		
L1806-01	4					150	730	0.10	-	0		
L1814-01	1	No	8.0	N/A	17.20	0.5	9.15	7.09	2.06	816	530.6	
L1814-01	2					1	9.13	6.72	2.41	513		
L1814-01	3					5	9.12	4.04	5.08	262.8		
L1814-01	4					20	9.05	0.12	-	0		
L1814-01	5					50	8.86	0.10	-	0		
L1815-01	1	No	6.4	N/A	17.30	0.1	9.11	7.73	-	0	103.13	
L1815-01	2					0.5	9.10	7.64	-	0		
L1815-01	3					1	9.09	7.17	-	0		
L1815-01	4					5	9.12	6.46	2.66	117.6		
L1815-01	5					20	9.11	2.50	6.61	88.65		

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

18108139

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod 11814 WorkList ID : 136757 Department : Wet-Chemistry Date : 03-05-2020 15:05:11

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/07/2020	Water	L1803-01- 15	BOD5	Cool 4 deg C	PSEG01	L41	N38129	03/05/2020	SM5210 B
03/06/2020	Water	L1806-01- 15	BOD5	Cool 4 deg C	SHAW22	O41	KY038PS036-200304	03/04/2020	SM5210 B
03/07/2020	Water	L1814-01- 15	BOD5	Cool 4 deg C	PHAR02	O31	15220012-1	03/05/2020	SM5210 B
03/07/2020	Water	L1815-01- 15	BOD5	Cool 4 deg C	PHAR02	O31	32220008-3	03/05/2020	SM5210 B

Date/Time 03-05-2020 14:40
 Received by: Jo
 Relinquished by: Jo

Date/Time 03-05-2020 14:00
 Received by: Jo
 Relinquished by: Jo