

**BOD5 LOG****Analysis Date:** 10/15/2020**QC BATCH ID:** LB111541**ANALYST:** jignesh**BOD Water:** WP87596**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2742**POLYSEED:** WP87597**Sodium Thiosulfate, 0.025N:** WP86633**GGA:** WP87598**NaOH, 0.25N:** WP86593**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**Zero DO:** WP87426

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
WINKLER 2	WINKLER 2	2	300	9.2	18.0	8.8	9

Meter Calibration1 : 9.0Zero DO Reading1 : 0.03 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 9.00Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)



QC BATCH ID: LB111541

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:35

TIME OUT: 11:20

DATE IN: 10/15/2020

DATE OUT: 10/20/2020

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
LB111541BL	1	No	6.0	N/A	22.50	300	9.00	9.00	0	0	0	
POLYSEED	1					10	8.87	4.77	4.1	0.82	0.81	
POLYSEED	2					15	8.78	2.33	6.45	0.86		
POLYSEED	3					20	8.72	1.19	7.53	0.75		
GGA	1					6	8.88	4.58	4.3	174.5	174.5	
GGA	2					6	8.87	4.63	4.24	171.5	171.5	
GGA	3					6	8.87	4.14	4.73	196	196	
L4392-17	1	No	7.0	N/A	21.20	5	8.91	8.19	-	0	4.76	
L4392-17	2					20	8.91	7.83	-	0		
L4392-17	3					50	8.87	7.30	-	0		
L4392-17	4					150	8.75	5.56	3.19	4.76		
L4392-17DUP	1	No	7.0	N/A	21.20	5	8.88	8.20	-	0	4.82	
L4392-17DUP	2					20	8.84	7.43	-	0		
L4392-17DUP	3					50	8.75	7.31	-	0		
L4392-17DUP	4					150	8.31	5.09	3.22	4.82		
L4405-02	1	No	6.4	N/A	20.70	0.5	8.90	6.49	2.41	960	629.5	
L4405-02	2					1	8.90	7.08	-	0		
L4405-02	3					2	8.89	4.15	4.74	589.5		
L4405-02	4					3	8.86	4.66	4.2	339		
L4412-06	1	No	7.0	N/A	20.80	5	8.85	5.29	3.56	165	129.82	
L4412-06	2					20	8.73	1.61	7.12	94.65		
L4412-06	3					50	8.34	0.13	-	0		
L4412-06	4					150	6.84	0.10	-	0		

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

LB111541

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-101520

WorkList ID : 143353

Department : Wet-Chemistry

Date : 10-15-2020 14:01:19

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/16/2020	Water	L4392-17 G	BOD5	Cool 4 deg C	PSEG01	O12	HACK-MH	10/14/2020	SM5210 B
10/16/2020	Water	L4405-02 B	BOD5	Cool 4 deg C	ARAM01	P11	COMP	10/14/2020	SM5210 B
10/17/2020	Water	L4412-06 A	BOD5	Cool 4 deg C	PSEG01	O12	98-02	10/15/2020	SM5210 B

Date/Time

10/15/2020 16:40

Received by:

AM (wet chem)

Relinquished by:

JG (wet)

Date/Time

10/15/2020 17:40

Received by:

AM (wet chem)

Relinquished by:

AM (wet chem)