

**BOD5 LOG**

Analysis Date: 01/03/2019

QC BATCH ID: LB100154

ANALYST: jignesh

BOD Water: WP70662

SUPERVISOR: apatel

Starch: W2277

MANGANOUS SULFATE SOLUTION: W2427

Conc Sulfuric Acid: W2310

Alkaline Iodide Azide: W2241

POLYSEED: WP70664

Sodium Thiosulfate, 0.025N: WP69572

GGA: WP70663

NaOH, 0.25N: WP68486

Chlorine Strips: W2429

IncubatorID: Incubator-3

pH Strips: W2350

Zero DO: WP70665

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.3	8.3	8.5
WINKLER2	WINKLER 2	2	300	8.3	17.0	8.7	

Meter Calibration1 : 8.50

Zero DO Reading1 : 0.18 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.50

Zero DO Reading2 : 0.17 mg/L (≤ 0.2 Criteria)

QC BATCH ID: LB100154

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:00

TIME OUT: 11:30

DATE IN: 01/03/2019

DATE OUT: 01/08/2019

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
LB100154BL	1	No	6.0	N/A	19.7	300	8.50	8.50	0	0	0	
POLYSEED	1					10	8.43	5.40	3.03	0.61	0.55	
POLYSEED	2					15	8.33	4.47	3.86	0.51		
POLYSEED	3					20	8.24	2.85	5.39	0.54		
GGA	1					6	8.50	4.08	4.42	193.5	193.5	
GGA	2					6	8.49	3.96	4.53	199	199	
GGA	3					6	8.51	3.99	4.52	198.5	198.5	
K1017-25	1	No	7.6	N/A	18.6	0.5	8.44	8.12	-	0	36.3	
K1017-25	2					1	8.42	8.08	-	0		
K1017-25	3					5	8.37	7.45	-	0		
K1017-25	4					20	8.17	5.20	2.97	36.3		
K1026-01	1	No	6.4	N/A	18.5	0.5	8.44	7.56	-	0	270	
K1026-01	2					1	8.42	7.04	-	0		
K1026-01	3					2	8.38	6.59	-	0		
K1026-01	4					3	8.37	5.12	3.25	270		
K1026-01DUP	1	No	6.4	N/A	18.5	0.5	8.46	7.58	-	0	272	
K1026-01DUP	2					1	8.41	7.06	-	0		
K1026-01DUP	3					2	8.39	6.60	-	0		
K1026-01DUP	4					3	8.38	5.11	3.27	272		
K1027-02	1	No	8.10	6.0	21.5	2	8.44	8.06	-	0	24.54	pH Adjusted
K1027-02	2					10	8.38	6.93	-	0		
K1027-02	3					50	8.09	3.45	4.64	24.54		
K1027-02	4					100	7.68	0.81	-	0		
K1030-01	1	No	7.2	N/A	18.7	1	8.39	7.73	-	0	48.45	
K1030-01	2					5	8.37	7.08	-	0		
K1030-01	3					20	8.25	4.47	3.78	48.45		
K1030-01	4					50	7.82	0.06	-	0		
K1031-02	1	No	7.2	N/A	18.5	5	8.45	7.81	-	0		
K1031-02	2					20	8.52	7.92	-	0		
K1031-02	3					50	8.69	8.25	-	0		
K1031-02	4					150	9.70	9.19	-	0		
K1035-01	1	No	4.11	N/A	7.2	1	8.38	7.11	-	0	106.2	
K1035-01	2					5	8.37	6.05	2.32	106.2		
K1035-01	3					20	8.35	0.05	-	0		
K1035-01	4					50	8.30	0.03	-	0		

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

LB100154

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD010319

WorkList ID : 120955

Date : 1/3/2019 10:08:41 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/04/2019	Water	K1017-25	BOD5	Cool 4 deg C	PSEG01	E61	TP-5	01/02/2019	SM5210 B
01/04/2019	Water	K1026-01	BOD5	Cool 4 deg C	ARAM01	D32	COMP	01/02/2019	SM5210 B
01/04/2019	Water	K1027-02	BOD5	Cool 4 deg C	M&MM01	E21	FE-19C	01/02/2019	SM5210 B
01/05/2019	Water	K1030-01	BOD5	Cool 4 deg C	PHAR02	E12	15720032-1	01/03/2019	SM5210 B
01/04/2019	Water	K1031-02	BOD5	Cool 4 deg C	SHAW22	E41	OUTFALL001-190102	01/02/2019	SM5210 B
01/05/2019	Water	K1035-01	BOD5	Cool 4 deg C	PHAR02	E31	32220008-3	01/03/2019	SM5210 B

Date/Time 01/03/19 15:00

Received by: IB

Relinquished by: CB

Date/Time 01/03/19 17:00

Received by: CB

Relinquished by: IB