

BOD5 LOG

Analysis Date: 05/06/2020

QC BATCH ID: LB109040

ANALYST: jignesh

BOD Water: WP84069

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP84070

Sodium Thiosulfate, 0.025N: WP83473

GGA: WP84071

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	8.7	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 : 0.05 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.80

Zero DO Reading2 : 0.03 mg/L (<=0.2 Criteria)



QC BATCH ID: LB109040

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 14:20

TIME OUT: 11:00

DATE IN: 05/06/2020

DATE OUT: 05/11/2020

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
LB109040BL	1	No	6.0	N/A	21.50	300	8.79	8.79	0	0	0	
POLYSEED	1					10	8.74	5.17	3.57	0.71	0.71	
POLYSEED	2					15	8.74	3.63	5.11	0.68		
POLYSEED	3					20	8.73	1.39	7.34	0.73		
GGA	1					6	8.68	3.79	4.89	209	209	
GGA	2					6	8.68	3.76	4.92	210.5	210.5	
GGA	3					6	8.68	4.04	4.64	196.5	196.5	
L2113-01	1	No	7.2	N/A	21.20	0.5	8.73	7.89	-	0	384	
L2113-01	2					1	8.73	7.46	-	0		
L2113-01	3					2	8.70	5.65	3.05	351		
L2113-01	4					3	8.68	3.80	4.88	417		
L2113-01DUP	1	No	7.2	N/A	21.20	0.5	8.74	7.90	-	0	380.5	
L2113-01DUP	2					1	8.73	7.49	-	0		
L2113-01DUP	3					2	8.70	5.69	3.01	345		
L2113-01DUP	4					3	8.68	3.81	4.87	416		
L2511-01	1	No	6.4	N/A	18.20	5	8.67	7.51	-	0	39.9	
L2511-01	2					10	8.63	6.58	2.05	40.2		
L2511-01	3					20	8.39	5.04	3.35	39.6		
L2511-01	4					50	7.79	0.16	-	0		
L2511-02	1	No	6.4	N/A	18.50	5	8.63	7.84	-	0	42.9	
L2511-02	2					10	8.61	6.60	2.01	39		
L2511-02	3					20	8.40	4.57	3.83	46.8		
L2511-02	4					50	7.82	0.15	-	0		

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

LB109040

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-5062020

WorkList ID : 138481

Department : Wet-Chemistry

Date : 05-06-2020 09:11:06

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/08/2020	Water	L2113-01	BOD5	Cool 4 deg C	ARAM01	L41	COMP	05/06/2020	SM5210 B
05/07/2020	Water	L2511-01	BOD5	Cool 4 deg C	TULL01	L51	001-WILLETTS-PT-BLVD-(MAY	05/05/2020	SM5210 B
05/07/2020	Water	L2511-02	BOD5	Cool 4 deg C	TULL01	L51	002-35TH-AVE-(MAY)	05/05/2020	SM5210 B

Date/Time 5/06/2020 13:30Received by: AMRelinquished by: JPDate/Time 5/06/2020 14:30Received by: JPRelinquished by: AM