



BOD5 LOG

Analysis Date: 02/19/2020

QC BATCH ID: LB107829

ANALYST: jignesh

BOD Water: WP82294

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP82295

Sodium Thiosulfate, 0.025N: WP81413

GGA: WP82296

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	8.3	8.3	8.2
WINKLER 2	WINKLER 2	2	300	8.3	16.4	8.1	8.2

Meter Calibration1 : 8.20

Zero DO Reading1 : 0.04 mg/L (≤ 0.2 Criteria)After Incubation

Meter Calibration2 : 8.20

Zero DO Reading2 : 0.02 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB107829

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 11:20

TIME OUT: 11:00

DATE IN: 02/19/2020

DATE OUT: 02/24/2020

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
LB107829BL	1	No	6.0	N/A	22.00	300	8.18	8.18	0	0	0	
POLYSEED	1					10	8.11	5.25	2.86	0.57	0.51	
POLYSEED	2					15	8.01	4.64	3.37	0.45		
POLYSEED	3					20	7.95	0.97	-	0		
GGA	1					6	8.08	3.20	4.88	218.5	218.5	
GGA	2					6	8.08	3.24	4.84	216.5	216.5	
GGA	3					6	8.08	3.27	4.81	215	215	
L1561-07	1	No	6.8	N/A	21.60	5	8.18	7.62	-	0		
L1561-07	2					20	8.18	7.40	-	0		
L1561-07	3					50	8.18	7.22	-	0		
L1561-07	4					150	8.18	7.01	-	0		
L1564-02	1	No	7.2	N/A	20.90	5	8.17	7.22	-	0		
L1564-02	2					20	8.12	7.17	-	0		
L1564-02	3					50	8.11	7.10	-	0		
L1564-02	4					150	8.10	6.72	-	0		
L1564-02DUP	1	No	7.2	N/A	20.90	5	8.18	7.25	-	0		
L1564-02DUP	2					20	8.12	7.15	-	0		
L1564-02DUP	3					50	8.10	7.06	-	0		
L1564-02DUP	4					150	8.09	6.75	-	0		
L1564-03	1	No	7.2	N/A	20.80	5	8.18	7.44	-	0		
L1564-03	2					20	8.18	7.38	-	0		
L1564-03	3					50	8.18	7.22	-	0		
L1564-03	4					150	8.18	7.04	-	0		
L1564-04	1	No	7.2	N/A	20.80	5	8.18	7.47	-	0		
L1564-04	2					20	8.18	7.38	-	0		
L1564-04	3					50	8.18	7.36	-	0		
L1564-04	4					150	8.18	7.19	-	0		
L1579-03	1	No	7.2	N/A	17.00	5	8.18	7.12	-	0		
L1579-03	2					20	8.18	7.05	-	0		
L1579-03	3					50	8.18	6.94	-	0		
L1579-03	4					150	8.18	6.75	-	0		

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

LB107829

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-2192020 WorkList ID : 136210 Department : Wet-Chemistry Date : 02-18-2020 11:50:36

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/20/2020	Water	L1561-07	A BOD5	Cool 4 deg C	SPEC01	M31	MANHOLE-24-HR-COMP	02/18/2020	SM5210 B
02/19/2020	Water	L1564-02	D BOD5	Cool 4 deg C	SHAW22	M21	KY038PS027-200217	02/17/2020	SM5210 B
02/19/2020	Water	L1564-03	D BOD5	Cool 4 deg C	SHAW22	M21	KY038PS037-200217	02/17/2020	SM5210 B
02/19/2020	Water	L1564-04	D BOD5	Cool 4 deg C	SHAW22	M21	KY038PS038-200217	02/17/2020	SM5210 B
02/20/2020	Water	L1579-03	E BOD5	Cool 4 deg C	SHAW22	M41	OUTFALL001-200218	02/18/2020	SM5210 B

Date/Time 2/19/2020 10:50
Received by: AM
Relinquished by: AM

Date/Time 2/19/2020 11:25
Received by: AM
Relinquished by: AM