



BOD5 LOG

Analysis Date: 02/05/2020

QC BATCH ID: LB107573

ANALYST: Alexander

BOD Water: WP81819

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP81820

Sodium Thiosulfate, 0.025N: WP80247

GGA: WP81821

NaOH, 0.25N: WP80974

Chlorine Strips: W2430

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 : 0.04 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.80

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

QC BATCH ID: LB107573

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 14:10

TIME OUT: 11:00

DATE IN: 02/05/2020

DATE OUT: 02/10/2020

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
LB107573BL	1	No	6.0	N/A	21.60	300	8.79	8.72	0.07	0.07	0.07	
POLYSEED	1					10	8.74	4.82	3.92	0.78	0.71	
POLYSEED	2					15	8.65	3.78	4.87	0.65		
POLYSEED	3					20	8.62	1.56	7.06	0.71		
GGA	1					6	8.73	4.02	4.71	200	200	
GGA	2					6	8.72	3.92	4.8	204.5	204.5	
GGA	3					6	8.72	3.78	4.94	211.5	211.5	
L1387-01	1	No	7.0	N/A	21.20	5	8.75	7.80	-	0		
L1387-01	2					20	8.69	7.70	-	0		
L1387-01	3					50	8.62	7.23	-	0		
L1387-01	4					150	8.35	6.55	-	0		
L1387-01DUP	1	No	7.0	N/A	21.20	5	8.75	7.79	-	0		
L1387-01DUP	2					20	8.71	7.61	-	0		
L1387-01DUP	3					50	8.61	7.21	-	0		
L1387-01DUP	4					150	8.33	6.42	-	0		
L1388-01	1	No	12.22	7.2	20.90	5	8.75	7.71	-	0	18.66	pH Adjusted
L1388-01	2					20	8.75	6.35	2.4	25.35		
L1388-01	3					50	8.75	5.20	3.55	17.04		
L1388-01	4					150	8.75	1.24	7.51	13.6		
L1392-01	1	No	6.4	N/A	21.20	1	8.73	5.47	3.26	765	582.9	
L1392-01	2					5	8.71	1.32	7.39	400.8		
L1392-01	3					20	8.37	0.26	-	0		
L1392-01	4					50	7.82	0.07	-	0		
L1392-02	1	No	6.4	N/A	21.20	0.1	8.71	6.07	2.64	5790	3906	
L1392-02	2					1	8.71	1.26	7.45	2022		
L1392-02	3					5	8.66	0.22	-	0		
L1392-02	4					20	8.46	0.07	-	0		
L1397-02	1	No	7.2	N/A	17.20	5	8.79	8.41	-	0		
L1397-02	2					20	8.79	7.98	-	0		
L1397-02	3					50	8.79	7.94	-	0		
L1397-02	4					150	8.79	7.92	-	0		
L1407-02	1	No	7.2	N/A	21.10	0.5	8.69	5.77	2.92	1326	1206.5	
L1407-02	2					1	8.69	3.54	5.15	1332		
L1407-02	3					2	8.69	1.57	7.12	961.5		
L1407-02	4					3	8.66	0.08	-	0		

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

LB107573 WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5- 2052020 WorkList ID : 135712 Department : Wet-Chemistry Date : 02-04-2020 15:33:57

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/06/2020	Water	L1387-01 F	BOD5	Cool 4 deg C	PSEG01	I52	F06031	02/04/2020	SM5210 B
02/06/2020	Water	L1388-01 G	BOD5	Cool 4 deg C	PSEG01	I52	TOTE-COMP	02/04/2020	SM5210 B
02/06/2020	Water	L1392-01 E	BOD5	Cool 4 deg C	TRIS02	L22	DSN-001-SEWER-OUTLET-01	02/04/2020	SM5210 B
02/06/2020	Water	L1392-02 F	BOD5	Cool 4 deg C	TRIS02	L22	DSN-002-SEWER-OUTLET-01	02/04/2020	SM5210 B
02/06/2020	Water	L1397-02 F	BOD5	Cool 4 deg C	SHAW22	L23	OUTFALL001-200204	02/04/2020	SM5210 B
02/07/2020	Water	L1407-02 B	BOD5	Cool 4 deg C	ARAM01	L23	COMP	02/05/2020	SM5210 B

Date/Time 2/05/2020 13:30

Received by: AM

Relinquished by: SR

Date/Time 2/05/2020 14:15

Received by: JP

Relinquished by: AM