

**BOD5 LOG**

Analysis Date: 08/14/2019

QC BATCH ID: LB104588

ANALYST: AMANDEEP

BOD Water: WP77343

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2482

Alkaline Iodide Azide: W2472

POLYSEED: WP77345

Sodium Thiosulfate, 0.025N: WP76826

GGA: WP77344

NaOH, 0.25N: WP71104

Chlorine Strips: W2430

IncubatorID: Incubator-3

pH Strips: W2350

Zero DO: WP76490

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1 : 8.85

Zero DO Reading1 : 0.01 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.85

Zero DO Reading2 : 0.01 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB104588

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 11:43

TIME OUT: 13:13

DATE IN: 08/14/2019

DATE OUT: 08/19/2019

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
LB104588BL	1	No	6.2	N/A	19.10	300	8.76	8.74	0.02	0.02	0.02	
POLYSEED	1					10	8.78	5.30	3.48	0.7	0.7	
POLYSEED	2					15	8.76	3.45	5.31	0.71		
POLYSEED	3					20	8.73	1.80	6.93	0.69		
GGA	1					6	8.76	3.78	4.98	214	214	
GGA	2					6	8.78	4.01	4.77	203.5	203.5	
GGA	3					6	8.79	3.90	4.89	209.5	209.5	
K4329-03	1	No	6.60	N/A	18.20	5	8.84	7.58	-	0	4.42	
K4329-03	2					20	8.72	7.06	-	0		
K4329-03	3					50	8.43	6.98	-	0		
K4329-03	4					150	7.25	4.34	2.91	4.42		
K4333-01	1	No	11.56	7.2	18.10	5	8.85	6.01	2.84	128.4	128.4	pH Adjusted
K4333-01	2					20	8.81	0.10	-	0		
K4333-01	3					50	8.66	0.06	-	0		
K4333-01	4					150	7.97	0.04	-	0		
K4336-02	1	No	7.2	N/A	17.50	5	8.85	8.51	-	0		
K4336-02	2					20	8.84	7.95	-	0		
K4336-02	3					50	8.75	7.67	-	0		
K4336-02	4					150	8.63	6.75	-	0		
K4336-03	1	No	7.6	N/A	17.60	5	8.84	8.01	-	0		
K4336-03	2					20	8.85	7.58	-	0		
K4336-03	3					50	8.84	7.31	-	0		
K4336-03	4					150	8.76	6.94	-	0		
K4336-04	1	No	7.0	N/A	17.80	5	8.80	7.55	-	0		
K4336-04	2					20	8.73	7.39	-	0		
K4336-04	3					50	8.47	7.16	-	0		
K4336-04	4					150	7.40	6.48	-	0		
K4336-04DUP	1	No	7.0	N/A	17.70	5	8.81	7.56	-	0		
K4336-04DUP	2					20	8.72	7.39	-	0		
K4336-04DUP	3					50	8.48	7.15	-	0		
K4336-04DUP	4					150	7.41	6.49	-	0		

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

WORKLIST(Hardcopy Internal Chain)

CB104588

WorkList Name : BOD081319

WorkList ID : 129748

Department : Wet-Chemistry

Date : 08-13-2019 08:55:01

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/15/2019	Water	K4329-03	G BOD5	Cool 4 deg C	PSEG01	N42	WATER-PIT	08/13/2019	SM5210 B
08/15/2019	Water	K4333-01	F BOD5	Cool 4 deg C	PSEG01	N42	FRAC-TANK	08/13/2019	SM5210 B
08/14/2019	Water	K4336-02	D BOD5	Cool 4 deg C	SHAW22	O43	KY038PS027-190812	08/12/2019	SM5210 B
08/14/2019	Water	K4336-03	D BOD5	Cool 4 deg C	SHAW22	O43	KY038PS037-190812	08/12/2019	SM5210 B
08/14/2019	Water	K4336-04	D BOD5	Cool 4 deg C	SHAW22	O43	KY038PS038-190812	08/12/2019	SM5210 B

Date/Time 08-14-19 11:00
 Received by: AR
 Relinquished by: OR

Date/Time 08-14-19 12:00
 Received by: JP
 Relinquished by: AR