

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 12/09/2020**QC BATCH ID:** LB112286**BOD Water:** WP88498**Starch:** W2703**Conc Sulfuric Acid:** W2609**POLYSEED:** WP88499**GGA:** WP88500**Chlorine Strips:** W2543**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** WP87313**NaOH, 0.25N:** WP86593**IncubatorID:** INCUBATOR #3**GuageID:** AZ55971**Zero DO:** WP88411

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.4	8.4	8.5
WINKLER 2	WINKLER 2	2	300	8.4	17.0	8.6	8.5

Meter Calibration1: 8.51

Barometric Pressure1: 755 mmHg

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.70

After Incubation

Meter Calibration2: 8.65

Barometric Pressure2: 755 mmHg

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.64



QC BATCH ID: LB112286

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 15:30

TIME OUT: 09:50

DATE IN: 12/09/2020

DATE OUT: 12/14/2020

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
LB112286BL	1	No	6.0	N/A	22.10	300	8.70	8.61	0.09	0.09	0.09	
POLYSEED	1					10	8.66	4.86	3.8	0.76	0.73	
POLYSEED	2					15	8.66	3.51	5.15	0.69		
POLYSEED	3					20	8.65	1.18	7.47	0.75		
GGA	1					6	8.66	4.16	4.5	188.5	188.5	
GGA	2					6	8.65	3.84	4.81	204	204	
GGA	3					6	8.65	3.72	4.93	210	210	
L4962-05	1	No	6.4	N/A	21.10	5	8.68	8.22	-	0		
L4962-05	2					20	8.68	8.05	-	0		
L4962-05	3					50	8.68	7.67	-	0		
L4962-05	4					150	8.67	7.59	-	0		
L4962-06	1	No	6.4	N/A	21.70	5	8.69	8.04	-	0		
L4962-06	2					20	8.68	7.87	-	0		
L4962-06	3					50	8.68	7.68	-	0		
L4962-06	4					150	8.66	7.11	-	0		
L4962-06DUP	1	No	6.4	N/A	21.70	5	8.69	8.09	-	0		
L4962-06DUP	2					20	8.68	7.96	-	0		
L4962-06DUP	3					50	8.67	7.85	-	0		
L4962-06DUP	4					150	8.65	7.45	-	0		
L4994-01	1	No	6.4	N/A	21.30	0.5	8.65	6.42	2.23	900	700.13	
L4994-01	2					1	8.65	5.87	2.78	615		
L4994-01	3					2	8.62	3.56	5.06	649.5		
L4994-01	4					3	8.62	1.53	7.09	636		

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

LB112286
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-120920 WorkList ID : 144776 Department : Wet-Chemistry Date : 12-09-2020 09:20:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/05/2020	Water	L4962-05 F	BOD5	Cool 4 deg C	LOCK01	J61	MW-1	12/03/2020	SM5210 B
12/05/2020	Water	L4962-06 G	BOD5	Cool 4 deg C	LOCK01	J61	MW-3	12/03/2020	SM5210 B
12/11/2020	Water	L4994-01 A	BOD5	Cool 4 deg C	ARAM01	L21	COMP	12/09/2020	SM5210 B

Date/Time 12/09/2020 14:25
Received by: AM (wet-chem)
Relinquished by: SP (wet-chem)

Date/Time 12/09/2020 15:35
Received by: SP (wet-chem)
Relinquished by: AM (wet-chem)