

QC BATCH ID: LB117204**BOD Water:** WP93752**Starch:** W2703**Sulfuric acid, 1N:** WP91648**POLYSEED:** WP93754**GGA:** WP93753**Chlorine Strips:** W2544**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP91991**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP93693

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.80	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.80	17.7	8.9	8.85

Meter Calibration1: 8.87

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.88

After Incubation

Meter Calibration2: 8.83

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB117204

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:25

TIME OUT: 11:30

DATE IN: 11/05/2021

DATE OUT: 11/10/2021

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
LB117204BL	1	No	6.4	N/A	20.60	300	8.86	8.75	0.11	0.11	0.11	
POLYSEED	1					10	8.80	4.50	4.3	0.86	0.77	
POLYSEED	2					15	8.78	3.50	5.28	0.7		
POLYSEED	3					20	8.76	1.30	7.46	0.75		
GGA	1					6	8.88	3.55	5.33	228	205.17	
GGA	2					6	8.78	4.00	4.78	200.5		
GGA	3					6	8.76	4.25	4.51	187		
M4513-01	1	No	6.42	N/A	20.60	1	8.82	4.71	4.11	1002	1002	
M4513-01	2					5	8.80	0.27	-	0		
M4513-01	3					20	8.78	0.24	-	0		
M4513-01	4					50	8.77	0.23	-	0		
M4513-01DUP	1	No	6.42	N/A	20.60	1	8.85	4.75	4.1	999	999	
M4513-01DUP	2					5	8.83	0.30	-	0		
M4513-01DUP	3					20	8.80	0.25	-	0		
M4513-01DUP	4					50	8.78	0.23	-	0		
M4521-01	1	No	6.27	N/A	20.40	1	8.80	7.45	-	0	37.76	
M4521-01	2					5	8.78	6.86	-	0		
M4521-01	3					20	8.76	5.16	3.6	42.45		
M4521-01	4					50	8.74	2.46	6.28	33.06		
M4575-01	1	No	7.90	N/A	20.50	0.5	8.85	7.66	-	0	129	
M4575-01	2					1	8.84	7.36	-	0		
M4575-01	3					2	8.82	7.29	-	0		
M4575-01	4					5	8.80	5.82	2.98	132.6		
M4575-01	5					10	8.78	3.83	4.95	125.4		
M4575-05	1	No	4.40	7.20	20.60	0.01	8.86	7.28	-	0	9510	pH Adjuster
M4575-05	2					0.05	8.85	6.23	2.62	11100		
M4575-05	3					0.1	8.83	5.42	3.41	7920		
M4575-05	4					0.5	8.80	0.24	-	0		
M4575-05	5					1	8.78	0.21	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD11521 WorkList ID : 154019 Department : Wet-Chemistry Date : 11-05-2021 12:32:57

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/06/2021	Water	M4513-01	A BOD5	Cool 4 deg C	PHAR02	D11	15220012-1	11/04/2021	SM5210 B
11/06/2021	Water	M4521-01	A BOD5	Cool 4 deg C	PHAR02	D11	32220008-3	11/04/2021	SM5210 B
11/07/2021	Water	M4575-01	C BOD5	Cool 4 deg C	HOLL01	L12	EFFLUENT	11/05/2021	SM5210 B
11/07/2021	Water	M4575-05	B BOD5	Cool 4 deg C	HOLL01	L12	INFLUENT	11/05/2021	SM5210 B

Date/Time 11/05/21 15:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: RC (Dig. Lab)

Date/Time 11/05/21 16:30
 Raw Sample Received by: RC (Dig. Lab)
 Raw Sample Relinquished by: KS (WC)