

QC BATCH ID: LB116946

BOD Water: wp93555

Starch: W2703

Sulfuric acid, 1N: WP91648

POLYSEED: wp93557

GGA: wp93556

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: WP92838

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.54

Barometric Pressure1: 760 mmHg

After Incubation

Meter Calibration2: 8.68

Barometric Pressure2: 745 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.90

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

Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB116946

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:55

TIME OUT: 13:00

DATE IN: 10/21/2021

DATE OUT: 10/26/2021

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
LB116946BL	1	No	6.4	N/A	20.60	300	8.88	8.72	0.16	0.16	0.16	
POLYSEED	1					10	8.80	4.56	4.24	0.85	0.76	
POLYSEED	2					15	8.76	3.55	5.21	0.69		
POLYSEED	3					20	8.74	1.30	7.44	0.74		
GGA	1					6	8.82	3.50	5.32	228	207.5	
GGA	2					6	8.80	3.95	4.85	204.5		
GGA	3					6	8.81	4.25	4.56	190		
M4292-02	1	No	6.78	N/A	22.50	0.5	8.85	7.43	-	0	385	
M4292-02	2					1	8.83	6.88	-	0		
M4292-02	3					2	8.80	5.20	3.6	426		
M4292-02	4					3	8.78	4.58	4.2	344		
M4292-02DUP	1	No	6.78	N/A	22.50	0.5	8.84	7.45	-	0	382.5	
M4292-02DUP	2					1	8.82	6.90	-	0		
M4292-02DUP	3					2	8.79	5.21	3.58	423		
M4292-02DUP	4					3	8.78	4.60	4.18	342		
M4313-07	1	No	7.53	N/A	20.50	5	8.83	7.39	-	0	9.76	
M4313-07	2					20	8.80	7.09	-	0		
M4313-07	3					50	8.78	6.15	2.63	11.22		
M4313-07	4					150	8.75	3.84	4.91	8.3		

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

LB116946

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod102121 WorkList ID : 153510 Department : Wet-Chemistry Date : 10-21-2021 11:48:37

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/22/2021	Water	M4292-02	BOD5	Cool 4 deg C	ARAM01	D11	COMP	10/20/2021	SM5210 B
10/23/2021	Water	M4313-07	BOD5	Cool 4 deg C	PSEG03	D41	1-3-TOTES	10/21/2021	SM5210 B

Date/Time 10/21/21 16:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: RC COIG (ab)

Date/Time 10/21/21 17:00
 Raw Sample Received by: RC COIG (ab)
 Raw Sample Relinquished by: KS (WC)