

QC BATCH ID: LB120124

Analysis Date: 05/11/2022

BOD Water: WP96732

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: M5038

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP96735

NaOH, 1N: WP94570

GGA: WP96733

IncubatorID: INCUBATOR #3

Chlorine Strips: W2543

GuageID: 0511064

pH Strips: W2716

Zero DO: WP96459

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: 8.75

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

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.65

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.87



QC BATCH ID: LB120124

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 18:15

TIME OUT: 11:30

DATE IN: 05/11/2022

DATE OUT: 05/16/2022

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
LB120124BL	1	No	6.4	N/A	21.20	300	8.89	8.85	0.04	0.04	0.04	
POLYSEED	1					10	8.80	5.92	2.88	0.58	0.56	
POLYSEED	2					15	8.78	4.76	4.02	0.54		
POLYSEED	3					20	8.75	3.15	5.6	0.56		
GGA	1					6	8.76	3.58	5.18	231	227.83	
GGA	2					6	8.77	3.38	5.39	241.5		
GGA	3					6	8.79	4.01	4.78	211		
N2768-01	1	No	4.81	7.20	22.90	0.1	8.83	4.67	4.16	10800	10507.5	pH Adjusted
N2768-01	2					0.2	8.82	1.45	7.37	10215		
N2768-01	3					0.5	8.80	0.24	-	0		
N2768-01	4					1	8.79	0.20	-	0		
N2783-02	1	No	6.48	N/A	20.40	0.5	8.84	5.83	3.01	1470	1001.38	
N2783-02	2					1	8.82	4.20	4.62	1218		
N2783-02	3					2	8.80	3.31	5.49	739.5		
N2783-02	4					3	8.79	2.45	6.34	578		
N2785-01	1	No	7.28	N/A	20.30	5	8.85	6.98	-	0	4.18	
N2785-01	2					20	8.84	6.94	-	0		
N2785-01	3					50	8.83	6.89	-	0		
N2785-01	4					150	8.81	6.16	2.65	4.18		
N2793-01	1	No	6.04	N/A	20.20	5	8.84	7.36	-	0		
N2793-01	2					20	8.83	7.26	-	0		
N2793-01	3					50	8.81	7.20	-	0		
N2793-01	4					150	8.80	7.18	-	0		
N2793-01DUP	1	No	6.04	N/A	20.20	5	8.85	7.38	-	0		
N2793-01DUP	2					20	8.83	7.28	-	0		
N2793-01DUP	3					50	8.81	7.23	-	0		
N2793-01DUP	4					150	8.80	7.20	-	0		
N2793-02	1	No	6.02	N/A	20.30	5	8.84	7.18	-	0	3.56	
N2793-02	2					20	8.83	7.14	-	0		
N2793-02	3					50	8.81	7.05	-	0		
N2793-02	4					150	8.80	6.46	2.34	3.56		
N2793-03	1	No	6.05	N/A	20.50	5	8.82	7.48	-	0	2.94	
N2793-03	2					20	8.80	7.00	-	0		
N2793-03	3					50	8.78	6.81	-	0		
N2793-03	4					150	8.77	6.74	2.03	2.94		
N2793-04	1	No	6.02	N/A	20.40	5	8.87	7.05	-	0	12.14	
N2793-04	2					20	8.85	6.73	2.12	23.4		
N2793-04	3					50	8.83	6.70	2.13	9.42		
N2793-04	4					150	8.81	6.45	2.36	3.6		

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

WORKLIST(Hardcopy Internal Chain)

LB120124

WorkList Name : bod51122 WorkList ID : 159507 Department : Wet-Chemistry Date : 05-11-2022 12:38:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/12/2022	Water	N2768-01	BOD5	Cool 4 deg C	MAJO01	N11	DRAIN-WATER-TANK-1	05/10/2022	SM5210 B
05/13/2022	Water	N2783-02	BOD5	Cool 4 deg C	ARAM01	K33	COMP	05/11/2022	SM5210 B
05/13/2022	Water	N2785-01	BOD5	Cool 4 deg C	INFR01	K33	WEEKLY-OUTFALL-002	05/11/2022	SM5210 B
05/12/2022	Water	N2793-01	BOD5	Cool 4 deg C	TETR06	K33	RW9-MW01S-20220510	05/10/2022	SM5210 B
05/12/2022	Water	N2793-02	BOD5	Cool 4 deg C	TETR06	K33	RW9-MW01D1-20220510	05/10/2022	SM5210 B
05/12/2022	Water	N2793-03	BOD5	Cool 4 deg C	TETR06	K33	RW9-MW-01D2-20220510	05/10/2022	SM5210 B
05/12/2022	Water	N2793-04	BOD5	Cool 4 deg C	TETR06	K33	RW9-MW01D3-20220510	05/10/2022	SM5210 B

Date/Time 05/11/22 17:55
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: PJG

Date/Time 05/11/22 18:20
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: KS(wc)