

QC BATCH ID: LB120021

BOD Water: WP96618

Starch: W2766

Sulfuric acid, 1N: M5038

POLYSEED: WP96620

GGA: WP96619

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP94570

IncubatorID: INCUBATOR #3

GuageID: 0511064

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: 8.72

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 9.05

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 7.84



QC BATCH ID: LB120021

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 18:00

TIME OUT: 11:30

DATE IN: 05/05/2022

DATE OUT: 05/10/2022

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
LB120021BL	1	No	6.0	N/A	21.20	300	8.91	7.80	1.11	1.11	1.11	
POLYSEED	1					10	8.85	4.63	4.22	0.84	0.81	
POLYSEED	2					15	8.82	2.47	6.35	0.85		
POLYSEED	3					20	8.79	1.25	7.54	0.75		
GGA	1					6	8.78	4.70	4.08	163.5	188.17	
GGA	2					6	8.79	4.69	4.1	164.5		
GGA	3					6	8.76	3.22	5.54	236.5		
N2683-02	1	No	6.40	N/A	20.30	0.5	8.78	5.76	3.02	1326	1142.5	
N2683-02	2					1	8.76	3.67	5.09	1284		
N2683-02	3					2	8.75	2.49	6.26	817.5		
N2683-02	4					3	8.73	0.32	-	0		
N2686-01	1	No	7.22	N/A	20.40	5	8.77	6.70	2.07	75.6	27.74	
N2686-01	2					20	8.75	6.47	2.28	22.05		
N2686-01	3					50	8.73	6.32	2.41	9.6		
N2686-01	4					150	8.71	6.05	2.66	3.7		
N2686-01DUP	1	No	7.22	N/A	20.40	5	8.78	6.72	2.06	75	27.53	
N2686-01DUP	2					20	8.77	6.50	2.27	21.9		
N2686-01DUP	3					50	8.75	6.35	2.4	9.54		
N2686-01DUP	4					150	8.73	6.08	2.65	3.68		
N2701-01	1	No	6.25	N/A	20.20	5	8.74	6.27	2.47	99.6	51.8	
N2701-01	2					20	8.72	5.57	3.15	35.1		
N2701-01	3					50	8.70	4.44	4.26	20.7		
N2701-01	4					150	8.69	0.27	-	0		
N2701-02	1	No	6.32	N/A	20.30	5	8.76	5.54	3.22	144.6	68.21	
N2701-02	2					20	8.75	5.09	3.66	42.75		
N2701-02	3					50	8.73	5.04	3.69	17.28		
N2701-02	4					150	8.71	0.28	-	0		
N2705-01	1	No	6.83	N/A	20.30	5	8.70	6.90	-	0	12.6	
N2705-01	2					20	8.68	6.62	2.06	18.75		
N2705-01	3					50	8.65	6.12	2.53	10.32		
N2705-01	4					150	8.63	3.45	5.18	8.74		
N2712-13	1	No	6.20	N/A	20.50	0.5	8.72	7.28	-	0		
N2712-13	2					5	8.70	7.14	-	0		
N2712-13	3					20	8.68	6.76	-	0		
N2712-13	4					50	8.67	6.74	-	0		
N2712-13	5					150	8.65	6.69	-	0		
N2716-01	1	No	6.10	N/A	20.40	1	8.76	4.48	4.28	1041	1041	
N2716-01	2					5	8.74	0.24	-	0		
N2716-01	3					20	8.73	0.22	-	0		
N2716-01	4					50	8.71	0.20	-	0		
N2718-01	1	No	6.70	N/A	20.20	5	8.70	6.33	2.37	93.6	36	

N2718-01	2					20	8.68	5.91	2.77	29.4		
N2718-01	3					50	8.65	5.39	3.26	14.7		
N2718-01	4					150	8.63	4.67	3.96	6.3		
N2718-03	1	No	6.72	N/A	20.30	5	8.73	6.26	2.47	99.6	34.59	
N2718-03	2					20	8.71	6.22	2.49	25.2		
N2718-03	3					50	8.70	6.20	2.5	10.14		
N2718-03	4					150	8.69	6.18	2.51	3.4		
N2718-05	1	No	6.84	N/A	20.50	5	8.74	6.75	-	0	12.39	
N2718-05	2					20	8.72	6.43	2.29	22.2		
N2718-05	3					50	8.70	6.09	2.61	10.8		
N2718-05	4					150	8.68	5.79	2.89	4.16		
N2721-01	1	No	6.54	N/A	20.30	1	8.68	5.05	3.63	846	293.18	
N2721-01	2					5	8.67	4.05	4.62	228.6		
N2721-01	3					20	8.65	3.27	5.38	68.55		
N2721-01	4					50	8.63	2.89	5.74	29.58		

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

WORKLIST(Hardcopy Internal Chain)

LB120021

WorkList Name: BOD5522 WorkList ID: 159318 Department: Wet-Chemistry Date: 05-05-2022 10:52:33

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/06/2022	Water	N2686-01	D BOD5	Cool 4 deg C	INFR01	L11	MONTHLY-OUTFALL-002	05/04/2022	SM5210 B
05/06/2022	Water	N2683-02	C BOD5	Cool 4 deg C	ARAM01	L11	COMP	05/04/2022	SM5210 B
05/07/2022	Water	N2705-01	F BOD5	Cool 4 deg C	PSEG03		N48967	05/05/2022	SM5210 B
05/07/2022	Water	N2712-13	I BOD5	Cool 4 deg C	PSEG03	K23	GROUND-WATER	05/05/2022	SM5210 B
05/07/2022	Water	N2718-01	L BOD5	Cool 4 deg C	PSEG04	K23	DSN002	05/05/2022	SM5210 B
05/07/2022	Water	N2718-03	N BOD5	Cool 4 deg C	PSEG04	K23	DSN001	05/05/2022	SM5210 B
05/07/2022	Water	N2718-05	K BOD5	Cool 4 deg C	PSEG04	K23	RWS003	05/05/2022	SM5210 B
05/07/2022	Water	N2716-01	B BOD5	Cool 4 deg C	PHAR02	K23	32220008-3	05/05/2022	SM5210 B
05/07/2022	Water	N2721-01	B BOD5	Cool 4 deg C	PHAR02	K23	15220012-1	05/05/2022	SM5210 B
05/05/2022	Water	N2701-01	E BOD5	Cool 4 deg C	TULL01	L11	001-WILLETS-PT-BLVD(MAY)	05/03/2022	SM5210 B
05/05/2022	Water	N2701-02	E BOD5	Cool 4 deg C	TULL01	L11	002-35TH-AVE(MAY)	05/03/2022	SM5210 B

Date/Time 05/05/22 17:15
 Raw Sample Received by: KSC (GC)
 Raw Sample Relinquished by: JDC (GC)

Date/Time 05/05/22 18:05
 Raw Sample Received by: JDC (GC)
 Raw Sample Relinquished by: KSC (WC)