

**BOD5 LOG****ANALYST:** Iwona**SUPERVISOR:** Sohil**Analysis Date:** 05/25/2022**QC BATCH ID:** LB120355**BOD Water:** WP96959**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2766**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP94324**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP96961**NaOH, 1N:** WP94570**GGA:** WP96960**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**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: 8.92Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure1: 765 mmHgWinkler titrated BOD fluid DO reading1: 8.99**After Incubation**Meter Calibration2: 9.15Zero DO Reading2: 0.04 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHgWinkler titrated BOD fluid DO reading2: 8.85



QC BATCH ID: LB120355

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:30

TIME OUT: 11:00

DATE IN: 05/25/2022

DATE OUT: 05/30/2022

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
LB120355BL	1	No	6.4	N/A	21.20	300	8.98	8.84	0.14	0.14	0.14	
POLYSEED	1					10	8.95	5.47	3.48	0.7	0.64	
POLYSEED	2					15	8.93	4.86	4.07	0.54		
POLYSEED	3					20	8.90	2.16	6.74	0.67		
GGA	1					6	8.87	3.87	5	218	207.17	
GGA	2					6	8.88	4.33	4.55	195.5		
GGA	3					6	8.86	4.06	4.8	208		
N3026-01	1	No	7.23	N/A	20.10	5	8.93	7.80	-	0	12.82	
N3026-01	2					20	8.92	6.69	2.23	23.85		
N3026-01	3					50	8.90	6.51	2.39	10.5		
N3026-01	4					150	8.88	6.19	2.69	4.1		
N3026-01DUP	1	No	7.23	N/A	20.10	5	8.95	7.84	-	0	13.09	
N3026-01DUP	2					20	8.93	6.67	2.26	24.3		
N3026-01DUP	3					50	8.92	6.49	2.43	10.74		
N3026-01DUP	4					150	8.90	6.15	2.75	4.22		
N3029-01	1	No	7.09	N/A	20.10	1	8.97	8.27	-	0		
N3029-01	2					2	8.96	8.19	-	0		
N3029-01	3					5	8.95	8.01	-	0		
N3029-01	4					10	8.93	7.49	-	0		
N3029-02	1	No	7.06	N/A	20.20	1	8.98	6.79	2.19	465	280.13	
N3029-02	2					2	8.97	6.59	2.38	261		
N3029-02	3					5	8.95	4.55	4.4	225.6		
N3029-02	4					10	8.93	2.66	6.27	168.9		
N3035-01	1	No	6.99	N/A	20.40	5	8.96	5.52	3.44	168	168	
N3035-01	2					20	8.75	0.31	-	0		
N3035-01	3					50	8.00	0.24	-	0		
N3035-01	4					150	5.61	0.22	-	0		
N3035-02	1	No	8.32	7.20	20.10	5	8.94	4.33	4.61	238.2	153.75	pH Adjusted
N3035-02	2					20	8.80	3.54	5.26	69.3		
N3035-02	3					50	8.36	0.26	-	0		
N3035-02	4					150	6.74	0.21	-	0		
N3035-03	1	No	8.56	7.20	20.20	5	8.89	0.28	-	0		pH Adjusted
N3035-03	2					20	8.66	0.20	-	0		
N3035-03	3					50	8.00	0.18	-	0		
N3035-03	4					150	5.58	0.16	-	0		
N3035-04	1	No	7.14	N/A	20.30	5	8.89	1.37	7.52	412.8	412.8	
N3035-04	2					20	8.65	0.22	-	0		
N3035-04	3					50	7.89	0.16	-	0		
N3035-04	4					150	5.33	0.14	-	0		
N3035-05	1	No	6.78	N/A	20.30	5	8.87	4.39	4.48	230.4	230.4	
N3035-05	2					20	8.62	0.21	-	0		

N3035-05	3					50	7.95	0.16	-	0		
N3035-05	4					150	5.51	0.14	-	0		
N3036-03	1	No	6.68	N/A	20.40	5	8.75	4.41	4.34	222	222	
N3036-03	2					20	8.48	0.20	-	0		
N3036-03	3					50	7.80	0.18	-	0		
N3036-03	4					150	5.16	0.17	-	0		
N3037-01	1	No	7.52	N/A	20.30	5	8.98	0.87	-	0		
N3037-01	2					20	8.95	0.19	-	0		
N3037-01	3					50	8.94	0.16	-	0		
N3037-01	4					150	8.92	0.15	-	0		
N3037-02	1	No	7.02	N/A	20.30	5	8.87	7.20	-	0	30.27	
N3037-02	2					20	8.64	5.02	3.62	44.7		
N3037-02	3					50	7.95	4.67	3.28	15.84		
N3037-02	4					150	5.43	0.89	-	0		
N3043-02	1	No	6.79	N/A	20.20	0.5	8.94	7.80	-	0	588.17	
N3043-02	2					1	8.90	6.44	2.46	546		
N3043-02	3					2	8.88	3.69	5.19	682.5		
N3043-02	4					3	8.87	2.87	6	536		
N3048-01	1	No	7.20	N/A	20.40	5	8.93	7.39	-	0	12.94	
N3048-01	2					20	8.92	6.89	2.03	20.85		
N3048-01	3					50	8.90	6.57	2.33	10.14		
N3048-01	4					150	8.88	4.33	4.55	7.82		

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

WORKLIST(Hardcopy Internal Chain)

LB120355

WorkList Name : bod52522 WorkList ID : 159975 Department : Wet-Chemistry Date : 05-25-2022 12:23:57

Due Date	Matrix	Sample	Test	Raw Sample			Collect Date	Method
				Preservative	Customer	Storage Location		
05/26/2022	Water	N3026-01	BOD5	Cool 4 deg C	PSEG03	N48967	05/24/2022	SM5210 B
05/26/2022	Water	N3029-01	BOD5	Cool 4 deg C	TRIS02	DSN-001-SEWER-OUTLET-001	05/24/2022	SM5210 B
05/26/2022	Water	N3029-02	BOD5	Cool 4 deg C	TRIS02	DSN-002-SEWER-OUTLET-002	05/24/2022	SM5210 B
05/26/2022	Water	N3035-01	BOD5	Cool 4 deg C	GARD04	220524042-01-CHELSEA	05/24/2022	SM5210 B
05/26/2022	Water	N3035-02	BOD5	Cool 4 deg C	GARD04	220524042-02-POSSUM	05/24/2022	SM5210 B
05/26/2022	Water	N3035-03	BOD5	Cool 4 deg C	GARD04	220524042-03-AUTOMALL	05/24/2022	SM5210 B
05/26/2022	Water	N3035-04	BOD5	Cool 4 deg C	GARD04	220524042-05-HELMELTAL	05/24/2022	SM5210 B
05/26/2022	Water	N3035-05	BOD5	Cool 4 deg C	GARD04	220524042-07-JAMESBUG	05/24/2022	SM5210 B
05/26/2022	Water	N3036-03	BOD5	Cool 4 deg C	GARD04	220524029-03-PN	05/24/2022	SM5210 B
05/26/2022	Water	N3037-01	BOD5	Cool 4 deg C	GARD04	220524035-01	05/24/2022	SM5210 B
05/26/2022	Water	N3037-02	BOD5	Cool 4 deg C	GARD04	220524035-02	05/24/2022	SM5210 B
05/27/2022	Water	N3043-02	BOD5	Cool 4 deg C	ARAM01	COMP	05/25/2022	SM5210 B
05/27/2022	Water	N3048-01	BOD5	Cool 4 deg C	INFR01	WEEKLY-OUTFALL-002	05/25/2022	SM5210 B

Date/Time 05/25/22 14:30
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: KS(wc)

Date/Time 05/25/22
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: KS(wc)