



BOD5 LOG

ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 04/21/2021QC BATCH ID: LB114097BOD Water: WP90636MANGANOUS SULFATE SOLUTION: W2767Starch: W2703Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP88863Sodium Thiosulfate, 0.025N: WP90315POLYSEED: WP90636NaOH, 1N: WP89699GGA: WP90637IncubatorID: INCUBATOR #3Chlorine Strips: W2543GuageID: 0511064pH Strips: W2716Zero DO: WP90097

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.5	8.5	8.6
WINKLER 2	WINKLER 2	2	300	8.5	17.2	8.7	8.6

Meter Calibration1: 8.72Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.55**After Incubation**Meter Calibration2: 9.21Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.62

QC BATCH ID: LB114097

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:40

TIME OUT: 11:30

DATE IN: 04/21/2021

DATE OUT: 04/26/2021

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
LB114097BL	1	No	6.05	N/A	21.00	300	8.54	8.53	0.01	0.01	0.01	
POLYSEED	1					10	8.49	5.02	3.47	0.69	0.74	
POLYSEED	2					15	8.45	2.34	6.11	0.81		
POLYSEED	3					20	8.32	1.19	7.13	0.71		
GGA	1					6	8.24	3.13	5.11	218.5	210.83	
GGA	2					6	8.24	3.44	4.8	203		
GGA	3					6	8.24	3.28	4.96	211		
M2114-01	1	No	6.73	N/A	21.10	1	8.14	7.56	-	0	139.5	
M2114-01	2					2	7.91	7.41	-	0		
M2114-01	3					5	7.77	4.33	3.44	162		
M2114-01	4					10	7.42	2.78	4.64	117		
M2114-02	1	No	6.67	N/A	20.90	5	8.02	5.67	2.35	96.6	96.6	
M2114-02	2					10	7.97	7.68	-	0		
M2114-02	3					15	7.82	7.52	-	0		
M2114-02	4					20	7.71	6.00	-	0		
M2114-03	1	No	6.90	N/A	21.30	5	8.12	7.82	-	0	7.48	
M2114-03	2					20	8.02	6.61	-	0		
M2114-03	3					50	7.72	5.51	2.21	8.82		
M2114-03	4					150	7.12	3.31	3.81	6.14		
M2114-04	1	No	6.95	N/A	21.10	5	8.12	8.01	-	0	8.22	
M2114-04	2					10	7.97	7.86	-	0		
M2114-04	3					20	7.50	7.18	-	0		
M2114-04	4					50	7.42	5.31	2.11	8.22		
M2114-04DUP	1	No	6.95	N/A	21.10	5	8.14	8.04	-	0	8.1	
M2114-04DUP	2					10	7.82	7.81	-	0		
M2114-04DUP	3					20	7.54	7.20	-	0		
M2114-04DUP	4					50	7.35	5.26	2.09	8.1		
M2114-07	1	No	5.45	7.20	21.20	5	8.45	8.03	-	0		pH Adjusted
M2114-07	2					20	8.39	7.97	-	0		
M2114-07	3					50	8.75	7.77	-	0		
M2114-07	4					150	8.02	7.51	-	0		
M2126-02	1	No	2.33	7.20	21.20	0.5	8.11	7.13	-	0	276	pH Adjusted
M2126-02	2					1	7.92	6.60	-	0		
M2126-02	3					2	7.80	5.22	2.58	276		
M2126-02	4					3	7.60	4.10	3.5	276		

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

LB114097

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-42121 WorkList ID : 148218 Department : Wet-Chemistry Date : 04-21-2021 08:37:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/22/2021	Water	M2114-01 L	BOD5	Cool 4 deg C	WOOD06	O52	GMW-1	04/20/2021	SM5210 B
04/22/2021	Water	M2114-02 N	BOD5	Cool 4 deg C	WOOD06	O52	GMW-10	04/20/2021	SM5210 B
04/22/2021	Water	M2114-03 K	BOD5	Cool 4 deg C	WOOD06	O52	GMW-7	04/20/2021	SM5210 B
04/22/2021	Water	M2114-04 J	BOD5	Cool 4 deg C	WOOD06	O52	GMW-X	04/20/2021	SM5210 B
04/22/2021	Water	M2114-07 L	BOD5	Cool 4 deg C	WOOD06	O52	FB-02	04/20/2021	SM5210 B
04/23/2021	Water	M2126-02 B	BOD5	Cool 4 deg C	ARAM01	P11	COMP	04/21/2021	SM5210 B

Date/Time 04/21/2021

Raw Sample Received by: AMCWetchem

Raw Sample Relinquished by: SP Cvet

Date/Time 04/21/2021

Raw Sample Received by: SP Cvet Chem

Raw Sample Relinquished by: AMCWetchem