

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 12/16/2021QC BATCH ID: LB117842BOD Water: WP94421MANGANOUS SULFATE SOLUTION: W2767Starch: W2703Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP88863Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP94423NaOH, 1N: WP91991GGA: WP94422IncubatorID: INCUBATOR #3Chlorine Strips: W2543GuageID: 0511064pH Strips: W2716Zero DO: WP94126

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	9
WINKLER 2	WINKLER 2	2	300	8.9	18.0	9.1	9

Meter Calibration1: 9.20Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure1: 765 mmHgWinkler titrated BOD fluid DO reading1: 9.36**After Incubation**Meter Calibration2: 9.24Zero DO Reading2: 0.11 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHgWinkler titrated BOD fluid DO reading2: 9.42



QC BATCH ID: LB117842

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 18:45

TIME OUT: 13:30

DATE IN: 12/16/2021

DATE OUT: 12/21/2021

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
LB117842BL	1	No	6.0	N/A	21.20	300	9.47	9.29	0.18	0.18	0.18	
POLYSEED	1					10	9.46	6.62	2.84	0.57	0.61	
POLYSEED	2					15	9.47	4.56	4.91	0.65		
POLYSEED	3					20	9.49	3.37	6.12	0.61		
GGA	1					6	9.42	5.11	4.31	185	178.67	
GGA	2					6	9.40	5.38	4.02	170.5		
GGA	3					6	9.44	5.22	4.22	180.5		
M5099-02	1	No	6.54	N/A	21.40	0.5	9.47	6.38	3.09	1488	942.75	
M5099-02	2					1	9.46	5.98	3.48	861		
M5099-02	3					2	9.45	3.50	5.95	801		
M5099-02	4					3	9.44	2.62	6.82	621		
M5104-01	1	No	8.25	7.20	20.40	5	9.48	7.73	-	0	6.62	pH Adjusted
M5104-01	2					20	9.42	7.48	-	0		
M5104-01	3					50	9.40	7.33	2.07	8.76		
M5104-01	4					150	9.38	6.53	2.85	4.48		
M5128-01	1	No	6.01	N/A	20.20	5	9.22	7.71	-	0		
M5128-01	2					20	9.20	7.60	-	0		
M5128-01	3					50	9.18	7.49	-	0		
M5128-01	4					150	9.15	7.32	-	0		
M5128-01DUP	1	No	6.01	N/A	20.20	5	9.25	7.72	-	0		
M5128-01DUP	2					20	9.22	7.63	-	0		
M5128-01DUP	3					50	9.20	7.50	-	0		
M5128-01DUP	4					150	9.16	7.32	-	0		
M5128-03	1	No	6.82	N/A	20.30	5	9.27	7.94	-	0	2.94	
M5128-03	2					20	9.21	7.70	-	0		
M5128-03	3					50	9.20	7.59	-	0		
M5128-03	4					150	8.91	6.83	2.08	2.94		
M5128-05	1	No	6.87	N/A	20.20	5	9.27	7.70	-	0	6.75	
M5128-05	2					20	9.25	7.30	-	0		
M5128-05	3					50	9.23	7.07	2.16	9.3		
M5128-05	4					150	9.20	6.49	2.71	4.2		
M5128-07	1	No	6.83	N/A	20.30	5	9.30	8.02	-	0		
M5128-07	2					20	9.24	7.69	-	0		
M5128-07	3					50	9.13	7.59	-	0		
M5128-07	4					150	8.99	7.10	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 117842

WorkList Name : BOD121621 WorkList ID : 155241 Department : Wet-Chemistry Date : 12-16-2021 11:17:44

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/17/2021	Water	M5104-01	BOD5	Cool 4 deg C	INFR01	D11	WEEKLY-OUTFALL-002	12/15/2021	SM5210 B
12/17/2021	Water	M5128-01	BOD5	Cool 4 deg C	LOCK01	H41	MW-1	12/15/2021	SM5210 B
12/17/2021	Water	M5128-03	BOD5	Cool 4 deg C	LOCK01	H41	MW-2	12/15/2021	SM5210 B
12/17/2021	Water	M5128-05	BOD5	Cool 4 deg C	LOCK01	H41	MW-3	12/15/2021	SM5210 B
12/17/2021	Water	M5128-07	BOD5	Cool 4 deg C	LOCK01	H41	MW-4	12/15/2021	SM5210 B
12/17/2021	Water	M5099-02	BOD5	Cool 4 deg C	ARAM01	D11	COMP	12/15/2021	SM5210 B

Date/Time 12/16/21 18:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 12/16/21 18:50
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)