



BOD5 LOG

ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 12/17/2021QC BATCH ID: LB117864BOD Water: WP94445MANGANOUS SULFATE SOLUTION: W2767Starch: W2703Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP88863Sodium Thiosulfate, 0.025N: W2843POLYSEED: WP94447NaOH, 1N: WP91991GGA: WP94446IncubatorID: 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: 9.03Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)Barometric Pressure1: 765 mmHgWinkler titrated BOD fluid DO reading1: 9.07**After Incubation**Meter Calibration2: 9.04Zero DO Reading2: 0.04 mg/L (<=0.2 Criteria)Barometric Pressure2: 760 mmHgWinkler titrated BOD fluid DO reading2: 8.92



QC BATCH ID: LB117864

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:15

TIME OUT: 12:30

DATE IN: 12/17/2021

DATE OUT: 12/22/2021

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
LB117864BL	1	No	6.4	N/A	21.20	300	9.13	9.05	0.08	0.08	0.08	
POLYSEED	1					10	9.05	6.49	2.56	0.51	0.47	
POLYSEED	2					15	8.95	5.69	3.26	0.43		
POLYSEED	3					20	8.85	4.02	4.83	0.48		
GGA	1					6	9.03	4.74	4.29	191	196	
GGA	2					6	9.04	4.69	4.35	194		
GGA	3					6	9.01	4.48	4.53	203		
M5165-01	1	No	7.02	N/A	13.80	1	9.02	8.51	-	0	11.16	
M5165-01	2					5	9.01	8.04	-	0		
M5165-01	3					20	8.96	7.92	-	0		
M5165-01	4					50	8.95	6.62	2.33	11.16		
M5165-01DUP	1	No	7.02	N/A	13.80	1	9.00	8.52	-	0	11.22	
M5165-01DUP	2					5	8.99	8.05	-	0		
M5165-01DUP	3					20	8.95	7.94	-	0		
M5165-01DUP	4					50	8.93	6.59	2.34	11.22		
M5165-02	1	No	6.68	N/A	16.90	5	8.98	8.21	-	0	10.59	
M5165-02	2					20	8.88	7.22	-	0		
M5165-02	3					50	8.57	6.47	2.1	9.78		
M5165-02	4					150	8.19	2.02	6.17	11.4		

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

WORKLIST(Hardcopy Internal Chain)

LB 117564

WorkList Name : bod121721 WorkList ID : 155318 Department : Wet-Chemistry Date : 12-17-2021 16:49:37

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/19/2021	Water	M5165-01	BOD5	Cool 4 deg C	ENV127	H43	EXCAVATION-INFLUENT	12/17/2021	SM5210 B
12/19/2021	Water	M5165-02	BOD5	Cool 4 deg C	ENV127	H43	EXCAVATION-EFFLUENT	12/17/2021	SM5210 B

Date/Time 12/17/21 16:55
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 12/17/21 17:20
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)