

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 05/27/2021**QC BATCH ID:** LB114669**BOD Water:** WP91344**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2379**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** WP90938**POLYSEED:** WP91346**NaOH, 1N:** WP89699**GGA:** WP91345**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP91130

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.4	8.4	8.3
WINKLER 2	WINKLER 2	2	300	8.4	16.6	8.2	8.3

Meter Calibration1: 8.15Zero DO Reading1: 0.05 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.42**After Incubation**Meter Calibration2: 8.57Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHgWinkler titrated BOD fluid DO reading2: 8.12



QC BATCH ID: LB114669

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:15

TIME OUT: 12:00

DATE IN: 05/27/2021

DATE OUT: 06/01/2021

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
LB114669BL	1	No	6.22	N/A	22.10	300	8.14	8.11	0.03	0.03	0.03	
POLYSEED	1					10	8.07	4.82	3.25	0.65	0.63	
POLYSEED	2					15	7.96	3.49	4.47	0.6		
POLYSEED	3					20	7.87	1.52	6.35	0.64		
GGA	1					6	7.89	3.46	4.43	190	176.33	
GGA	2					6	7.86	4.08	3.78	157.5		
GGA	3					6	7.85	3.59	4.26	181.5		
M2522-01	1	No	7.35	N/A	21.90	1	7.80	7.22	-	0	81	
M2522-01	2					5	7.76	5.52	2.24	96.6		
M2522-01	3					20	7.66	2.67	4.99	65.4		
M2522-01	4					50	7.43	0.19	-	0		
M2523-01	1	No	6.95	N/A	22.50	1	7.74	6.86	-	0	138	
M2523-01	2					5	7.63	4.70	2.93	138		
M2523-01	3					20	7.54	0.20	-	0		
M2523-01	4					50	7.31	0.14	-	0		
M2527-02	1	No	6.09	N/A	22.20	0.5	7.64	6.99	-	0	281.5	
M2527-02	2					1	7.54	5.87	-	0		
M2527-02	3					2	7.51	5.16	2.35	258		
M2527-02	4					3	7.50	3.82	3.68	305		
M2527-02DUP	1	No	6.09	N/A	22.20	0.5	7.67	6.97	-	0	286.5	
M2527-02DUP	2					1	7.52	5.85	-	0		
M2527-02DUP	3					2	7.50	5.15	2.35	258		
M2527-02DUP	4					3	7.48	3.70	3.78	315		
M2533-01	1	No	7.62	N/A	22.00	5	7.57	7.28	-	0		
M2533-01	2					20	7.46	7.18	-	0		
M2533-01	3					50	7.34	7.01	-	0		
M2533-01	4					150	7.32	6.98	-	0		

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

LB14669

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD52721

WorkList ID : 149296

Department : Wet-Chemistry

Date : 05-27-2021 13:40:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/28/2021	Water	M2522-01	A BOD5	Cool 4 deg C	URBA02	E51	TUNNEL-PIT	05/26/2021	SM5210 B
05/28/2021	Water	M2523-01	B BOD5	Cool 4 deg C	URBA02	E61	RAMSEY-PIT	05/26/2021	SM5210 B
05/28/2021	Water	M2527-02	B BOD5	Cool 4 deg C	ARAM01	D62	COMP	05/26/2021	SM5210 B
05/28/2021	Water	M2533-01	C BOD5	Cool 4 deg C	RJIN01	D62	DEMMON-WATER-TANK	05/26/2021	SM5210 B

Date/Time 05/27/2021 14:10
Raw Sample Received by: Am (wet-chem)
Raw Sample Relinquished by: JD Caf (chem)

Date/Time 05/27/2021 15:20
Raw Sample Received by: JD Caf (chem)
Raw Sample Relinquished by: Am (wet-chem)