

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: IwonaAnalysis Date: 07/28/2022QC BATCH ID: LB121269BOD Water: WP98090Starch: W2766Sulfuric acid, 1N: WP94324POLYSEED: WP98093GGA: WP98091Chlorine Strips: W2011pH Strips: W2716MANGANOUS SULFATE SOLUTION: W2767Alkaline Iodide Azide: W2742Sodium Thiosulfate, 0.025N: W2843NaOH, 1N: WP97250IncubatorID: INCUBATOR #3GuageID: 0511064Zero DO: WP98094

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: 8.82Barometric Pressure1: 765 mmHgZero DO Reading1: 0.09 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.90**After Incubation**Meter Calibration2: 8.90Barometric Pressure2: 765 mmHgZero DO Reading2: 0.09 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.80

QC BATCH ID: LB121269

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:30

TIME OUT: 11:30

DATE IN: 07/28/2022

DATE OUT: 08/02/2022

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
LB121269BL	1	No	6.4	N/A	21.20	300	8.90	8.69	0.21	0.21	0.21	
POLYSEED	1					10	8.87	4.33	4.54	0.91	0.86	
POLYSEED	2					15	8.85	2.18	6.67	0.89		
POLYSEED	3					20	8.83	1.09	7.74	0.77		
GGA	1					6	8.81	3.44	5.37	225.5	213	
GGA	2					6	8.87	3.78	5.09	211.5		
GGA	3					6	8.83	3.93	4.9	202		
N3919-02	1	No	6.48	N/A	20.50	0.5	8.89	5.73	3.16	1380	877.5	
N3919-02	2					1	8.86	5.69	3.17	693		
N3919-02	3					2	8.85	2.85	6	771		
N3919-02	4					3	8.84	1.32	7.52	666		
N3941-01	1	No	7.89	N/A	20.30	5	8.88	6.92	-	0	9.98	
N3941-01	2					20	8.86	6.77	2.09	18.45		
N3941-01	3					50	8.84	6.56	2.28	8.52		
N3941-01	4					150	8.82	6.47	2.35	2.98		
N3941-01DUP	1	No	7.89	N/A	20.30	5	8.89	6.94	-	0	11.89	
N3941-01DUP	2					20	8.87	6.79	2.08	18.3		
N3941-01DUP	3					50	8.85	5.59	3.26	14.4		
N3941-01DUP	4					150	8.83	6.48	2.35	2.98		
N3949-01	1	No	6.38	N/A	20.20	0.5	8.85	5.35	3.5	1584	1356	
N3949-01	2					1	8.84	4.22	4.62	1128		
N3949-01	3					2	8.83	0.46	-	0		
N3949-01	4					3	8.81	0.12	-	0		
N3953-01	1	No	6.48	N/A	24.40	5	8.78	6.46	2.32	87.6	92.25	
N3953-01	2					20	8.58	1.26	7.32	96.9		
N3953-01	3					50	8.02	0.13	-	0		
N3953-01	4					150	6.00	0.10	-	0		
N3964-07	1	No	5.63	7.20	25.40	5	8.78	2.39	6.39	331.8	331.8	pH Adjusted
N3964-07	2					20	8.63	0.15	-	0		
N3964-07	3					50	8.24	0.10	-	0		
N3964-07	4					150	6.67	0.07	-	0		
N3964-08	1	No	9.16	7.20	25.70	5	8.80	2.50	6.3	326.4	326.4	pH Adjusted
N3964-08	2					20	8.63	0.09	-	0		
N3964-08	3					50	8.27	0.07	-	0		
N3964-08	4					150	6.78	0.06	-	0		

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

LB121269

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod72822 WorkList ID : 161774 Department : Wet-Chemistry Date : 07-28-2022 14:35:54

Due Date	Matrix	Sample	Test	Raw Sample			Collect Date	Method
				Preservative	Customer	Storage Location		
07/29/2022	Water	N3919-02	BOD5	Cool 4 deg C	ARAM01	G11 COMP	07/27/2022	SM5210 B
07/29/2022	Water	N3941-01	BOD5	Cool 4 deg C	INFR01	N11 WEEKLY-OUTFALL-002	07/27/2022	SM5210 B
07/29/2022	Water	N3949-01	BOD5	Cool 4 deg C	ARDM01	N11 EFF-WW	07/27/2022	SM5210 B
07/30/2022	Water	N3953-01	BOD5	Cool 4 deg C	PSEG03	G11 IRV-OILY-WATER	07/28/2022	SM5210 B
07/30/2022	Water	N3964-07	BOD5	Cool 4 deg C	PSEG03	G11 HMGP-WATER-1	07/28/2022	SM5210 B
07/30/2022	Water	N3964-08	BOD5	Cool 4 deg C	PSEG03	G11 HMGP-WATER-2	07/28/2022	SM5210 B

Date/Time 07/28/22 16:50
Raw Sample Received by: KS(WC)
Raw Sample Relinquished by: JAGG

Date/Time 07/28/22 17:35
Raw Sample Received by: JAGG
Raw Sample Relinquished by: KS(WC)