

**BOD5 LOG****Analysis Date:** 12/07/2018**QC BATCH ID:** LB99687**ANALYST:** Indiana**BOD Water:** WP70118**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP70120**Sodium Thiosulfate, 0.025N:** WP69572**GGA:** WP70119**NaOH, 0.25N:** WP68486**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP70049

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.5	8.5	8.55
WINKLER2	WINKLER 2	2	300	8.5	17.1	8.6	

Meter Calibration1 : 8.55

Zero DO Reading1 : 0.18 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.55

Zero DO Reading2 : 0.17 mg/L (≤ 0.2 Criteria)

QC BATCH ID: LB99687

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 10:00

TIME OUT: 11:00

DATE IN: 12/07/2018

DATE OUT: 12/12/2018

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
LB99687BL	1	No	6.0	N/A	20.0	300	8.53	8.51	0.02	0.02	0.02	
POLYSEED	1					10	8.49	4.46	4.03	0.81	0.68	
POLYSEED	2					15	8.37	3.70	4.67	0.62		
POLYSEED	3					20	8.26	2.24	6.02	0.6		
GGA	1					6	8.51	3.95	4.56	194	194	
GGA	2					6	8.48	3.90	4.58	195	195	
GGA	3					6	8.45	3.87	4.58	195	195	
J6243-03	1	No	5.80	7.0	18.8	5	8.50	6.53	-	0	14.25	pH Adjusted
J6243-03	2					20	8.45	6.13	2.32	24.6		
J6243-03	3					50	8.43	5.49	2.94	13.56		
J6243-03	4					150	8.27	5.30	2.97	4.58		
J6243-06	1	No	5.50	7.0	18.8	1	8.54	6.60	-	0	159.9	pH Adjusted
J6243-06	2					5	8.52	3.95	4.57	233.4		
J6243-06	3					20	8.51	2.07	6.44	86.4		
J6243-06	4					50	8.48	0.12	-	0		
J6257-01	1	No	6.4	N/A	18.8	0.5	8.51	6.40	2.11	858	502.25	
J6257-01	2					1	8.50	6.09	2.41	519		
J6257-01	3					2	8.44	5.26	3.18	375		
J6257-01	4					3	8.39	5.14	3.25	257		
J6257-01DUP	1	No	6.4	N/A	18.8	0.5	8.52	6.42	2.1	852	503.25	
J6257-01DUP	2					1	8.51	6.07	2.44	528		
J6257-01DUP	3					2	8.45	5.29	3.16	372		
J6257-01DUP	4					3	8.41	5.12	3.29	261		
J6269-03	1	No	6.4	N/A	18.7	1	8.53	6.55	-	0	128.32	
J6269-03	2					5	8.46	4.87	3.59	174.6		
J6269-03	3					20	8.21	2.06	6.15	82.05		
J6269-03	4					50	7.87	0.11	-	0		
J6286-01	1	No	6.4	N/A	18.7	1	8.52	5.93	2.59	573	190.34	
J6286-01	2					5	8.50	5.60	2.9	133.2		
J6286-01	3					20	8.49	5.30	3.19	37.65		
J6286-01	4					50	8.47	4.87	3.6	17.52		
J6287-01	1	No	3.99	7.0	18.7	1	8.55	6.03	2.52	552	177.23	pH Adjusted
J6287-01	2					5	8.54	5.97	2.57	113.4		
J6287-01	3					20	8.53	5.84	2.69	30.15		
J6287-01	4					50	8.50	5.59	2.91	13.38		

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

LB 99687

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD120618

WorkList ID : 120010

Date : 12/6/2018 1:55:05 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/07/2018	Water	J6243-03	BOD5	Cool 4 deg C	PSEG01	L31	OILY-WATER-A	12/05/2018	SM5210 B
12/07/2018	Water	J6243-06	BOD5	Cool 4 deg C	PSEG01	L31	OILY-WATER-B	12/05/2018	SM5210 B
12/07/2018	Water	J6257-01	BOD5	Cool 4 deg C	ARAM01	L41	COMP	12/05/2018	SM5210 B
12/08/2018	Water	J6269-03	BOD5	Cool 4 deg C	PSEG01	L31	OILY-WATER	12/06/2018	SM5210 B
12/08/2018	Water	J6286-01	BOD5	Cool 4 deg C	PHAR02	L41	15220032-1	12/06/2018	SM5210 B
12/08/2018	Water	J6287-01	BOD5	Cool 4 deg C	PHAR02	L41	32220008-3	12/06/2018	SM5210 B

Date/Time 12/07/18 9:20

Received by: IS

Relinquished by: JF

Date/Time

Received by:

Relinquished by:

12/07/18 11:30

JF