

**BOD5 LOG****Analysis Date:** 08/24/2018**QC BATCH ID:** LB97544**ANALYST:** Indiana**BOD Water:** WP67298**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP67299**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP67230**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2106**Zero DO:** WP67238

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.4	8.4	8.45
WINKLER2	WINKLER 2	2	300	8.4	16.9	8.5	

Meter Calibration1 : 8.45

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

Meter Calibration2 : 8.45

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



QC BATCH ID: LB97544

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 12:36

TIME OUT: 11:20

DATE IN: 08/24/2018

DATE OUT: 08/29/2018

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
LB97544BL	1	No	6.0	N/A	19.9	300	8.44	8.42	0.02	0.02	0.02	
POLYSEED	1					10	8.44	5.16	3.28	0.66	0.7	
POLYSEED	2					15	8.42	2.91	5.51	0.73		
POLYSEED	3					20	8.39	1.21	7.18	0.72		
GGA	1					6	8.38	3.88	4.5	190	190	
GGA	2					6	8.37	4.10	4.27	178.5	178.5	
GGA	3					6	8.35	3.97	4.38	184	184	
J4616-01	1	No	7.76	N/A	18.8	5	8.43	7.41	-	0	9.32	
J4616-01	2					20	8.33	6.75	-	0		
J4616-01	3					50	8.03	5.38	2.65	11.7		
J4616-01	4					150	7.40	3.23	4.17	6.94		
J4617-01	1	No	7.6	N/A	18.8	5	8.42	6.91	-	0	8.4	
J4617-01	2					20	8.40	6.54	-	0		
J4617-01	3					50	8.28	5.49	2.79	12.54		
J4617-01	4					150	8.10	5.27	2.83	4.26		
J4617-04	1	No	7.6	N/A	18.7	5	8.37	7.44	-	0		
J4617-04	2					20	8.32	7.74	-	0		
J4617-04	3					50	8.31	7.66	-	0		
J4617-04	4					150	8.29	7.92	-	0		
J4618-01	1	No	6.8	N/A	18.7	5	8.34	7.41	-	0	2.64	
J4618-01	2					20	8.33	6.86	-	0		
J4618-01	3					50	8.31	6.52	-	0		
J4618-01	4					150	8.27	6.25	2.02	2.64		
J4621-10	1	No	9.96	7.0	18.7	1	8.30	6.98	-	0	153.6	pH Adjusted
J4621-10	2					5	8.24	4.98	3.26	153.6		
J4621-10	3					20	8.09	0.66	-	0		
J4621-10	4					50	7.85	0.51	-	0		
J4627-01	1	No	7.6	N/A	18.7	5	8.26	7.47	-	0		
J4627-01	2					20	8.21	7.23	-	0		
J4627-01	3					50	8.11	6.70	-	0		
J4627-01	4					150	7.68	6.35	-	0		
J4638-01	1	No	7.6	N/A	18.8	5	8.22	7.83	-	0	6.64	
J4638-01	2					20	8.18	6.88	-	0		
J4638-01	3					50	8.11	6.67	-	0		
J4638-01	4					150	7.75	3.73	4.02	6.64		
J4640-01	1	No	6.8	N/A	18.7	0.5	8.22	7.64	-	0	68.4	
J4640-01	2					1	8.20	7.50	-	0		
J4640-01	3					2	8.19	6.88	-	0		
J4640-01	4					5	8.18	6.63	-	0		
J4640-01	5					10	8.15	5.17	2.98	68.4		
J4640-03	1	No	5.22	7.0	18.7	0.01	8.18	6.61	-	0	8160	pH Adjusted

J4640-03	2					0.05	8.16	6.36	-	0		
J4640-03	3					0.1	8.15	4.73	3.42	8160		
J4640-03	4					0.5	8.13	0.46	-	0		
J4640-03	5					1	8.12	0.43	-	0		
J4642-01	1	No	7.29	N/A	18.8	5	8.20	7.27	-	0		
J4642-01	2					20	8.17	7.18	-	0		
J4642-01	3					50	8.14	6.95	-	0		
J4642-01	4					150	8.13	6.87	-	0		
J4642-01DUP	1	No	7.29	N/A	18.8	5	8.18	7.30	-	0		
J4642-01DUP	2					20	8.16	7.19	-	0		
J4642-01DUP	3					50	8.15	6.93	-	0		
J4642-01DUP	4					150	8.12	6.86	-	0		
J4652-04	1	No	6.8	N/A	18.7	5	8.27	6.43	-	0	36.9	
J4652-04	2					20	8.16	5.00	3.16	36.9		
J4652-04	3					50	7.91	0.77	-	0		
J4652-04	4					150	6.87	0.60	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB97544

WorkList Name : BOD082418

WorkList ID : 116024

Date : 8/24/2018 9:02:10 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/25/2018	Water	J4616-01	BOD5	Cool 4 deg C	PSEG01	E12	VB27184	08/23/2018	SM5210 B
08/25/2018	Water	J4617-01	BOD5	Cool 4 deg C	PSEG01	E12	N48969	08/23/2018	SM5210 B
08/25/2018	Water	J4617-04	BOD5	Cool 4 deg C	PSEG01	E12	N1332	08/23/2018	SM5210 B
08/25/2018	Water	J4618-01	BOD5	Cool 4 deg C	PSEG01	K63	FM1026	08/23/2018	SM5210 B
08/25/2018	Water	J4621-10	BOD5	Cool 4 deg C	PSEG01	E22	OILY-WATER	08/23/2018	SM5210 B
08/25/2018	Water	J4627-01	BOD5	Cool 4 deg C	PSEG01	E22	VB-N29937	08/23/2018	SM5210 B
08/25/2018	Water	J4638-01	BOD5	Cool 4 deg C	PSEG01	E31	PS-N48964	08/23/2018	SM5210 B
08/24/2018	Water	J4640-01	BOD5	Cool 4 deg C	HOLL01	E62	EFFLUENT	08/22/2018	SM5210 B
08/24/2018	Water	J4640-03	BOD5	Cool 4 deg C	HOLL01	E62	INFLUENT	08/22/2018	SM5210 B
08/25/2018	Water	J4642-01	BOD5	Cool 4 deg C	PSEG01	E22	2727	08/23/2018	SM5210 B

Date/Time 08/24/18 11:20
 Received by: IB
 Relinquished by: JF

Date/Time 08/24/18 13:10
 Received by: JF
 Relinquished by: IB

WORKLIST(Hardcopy Internal Chain)

2397544

WorkList Name : BOD082418-2

WorkList ID : 116190

Date : 8/24/2018 12:20:00 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/26/2018	Water	J4652-04	BOD5	Cool 4 deg C	PSEG01	E22	SONO-W	08/24/2018	SM5210 B

Date/Time 08/24/18 12:31
 Received by: IB
 Relinquished by: CB

Date/Time 08/24/18 13:10
 Received by: IB
 Relinquished by: IB