



## BOD5 LOG

QC BATCH ID: LB90064  
BOD Water: WP57896  
Starch: W2121  
Conc Sulfuric Acid: W2151  
POLYSEED: WP57898  
GGA: WP57897  
Chlorine Strips: W2068  
pH Strips: W2106

Analysis Date: 09/13/2017  
ANALYST: Indiana  
SUPERVISOR: apatel  
MANGANOUS SULFATE SOLUTION: W2191  
Alkaline Iodide Azide: W2241  
Sodium Thiosulfate, 0.025N: W2206  
NaOH, 0.25N: WP56596  
Incubator ID: Incubator-3

| Lab Sample ID |                  | Bottle No. | VOL. ML | Initial Reading (ML) | Final Reading (ML) | Difference | Average |
|---------------|------------------|------------|---------|----------------------|--------------------|------------|---------|
| WINKLER       | (Dilution Water) | 1          | 300     | 0.0                  | 8.5                | 8.5        | 8.55    |
| WINKLER       | (Dilution Water) | 2          | 300     | 8.5                  | 17.1               | 8.6        |         |

BOD Dilution Water Before Reading Using DO Meter: 8.54 & After Reading Using DO Meter: 8.54  
Calibrate DO meter with average reading: 8.55



QC BATCH ID: LB90064

INCUBATOR TEMP IN(C): 20.4

TIME IN: 16:50

DATE IN: 09/13/2017

INCUBATOR TEMP OUT(C): 20.4

TIME OUT: 09:43

DATE OUT: 09/18/2017

| 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 |
|--------------|------------|----------|------------|----------|---------|---------------|---------------|-------------|-----------|-------------------|-------------------|---------|
| POLYSEED     | 1          |          |            |          |         | 10            | 8.45          | 2.02        | 6.43      | 1.29              | 0.95              |         |
| POLYSEED     | 2          |          |            |          |         | 15            | 8.38          | 1.86        | 6.52      | 0.87              |                   |         |
| POLYSEED     | 3          |          |            |          |         | 20            | 8.22          | 1.22        | 7         | 0.7               |                   |         |
| GGA          | 1          |          |            |          |         | 6             | 8.27          | 3.39        | 4.88      | 196.5             | 196.5             |         |
| GGA          | 2          |          |            |          |         | 6             | 8.31          | 3.90        | 4.41      | 173               | 173               |         |
| GGA          | 3          |          |            |          |         | 6             | 8.29          | 3.49        | 4.8       | 192.5             | 192.5             |         |
| I5235-01     | 1          | No       | 6.4        | N/A      | 19.0    | 0.5           | 8.20          | 6.78        | -         | 0                 | 243.67            |         |
| I5235-01     | 2          |          |            |          |         | 1             | 8.18          | 6.16        | 2.02      | 321               |                   |         |
| I5235-01     | 3          |          |            |          |         | 2             | 8.15          | 5.98        | 2.17      | 183               |                   |         |
| I5235-01     | 4          |          |            |          |         | 3             | 8.13          | 4.91        | 3.22      | 227               |                   |         |
| I5235-01DUP  | 1          | No       | 6.4        | N/A      | 19.0    | 0.5           | 8.21          | 6.77        | -         | 0                 | 245.67            |         |
| I5235-01DUP  | 2          |          |            |          |         | 1             | 8.17          | 6.14        | 2.03      | 324               |                   |         |
| I5235-01DUP  | 3          |          |            |          |         | 2             | 8.16          | 5.95        | 2.21      | 189               |                   |         |
| I5235-01DUP  | 4          |          |            |          |         | 3             | 8.12          | 4.93        | 3.19      | 224               |                   |         |

NOTE: 2ml POLYSEED added to GGA and all the Samples.

# WORKLIST(Hardcopy Internal Chain)

LB90064

WorkList Name : BOD5091317-2 WorkList ID : 102903

Date : 9/13/2017 12:36:47 PM

| Due Date | Matrix | Sample   | Test | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method   |
|----------|--------|----------|------|--------------|----------|------------------|-----------------|--------------|----------|
|          | Water  | I5235-01 | BOD5 | Cool 4 deg C | ARAM01   | E12              | COMP            | 09/13/2017   | SM5210 B |

Date/Time 09/13/17 15:20  
 Received by: LB  
 Relinquished by: LB

Date/Time 09/13/17 19:00  
 Received by: LB  
 Relinquished by: LB