



## CBOD5 LOG

QC BATCH ID: LB88843BOD Water: WP56545Starch: W2121Conc Sulfuric Acid: W2151POLYSEED: WP56547GGA: WP56546Chlorine Strips: W2068pH Strips: W2106Analysis Date: 07/20/2017ANALYST: IndianaSUPERVISOR: apatelMANGANOUS SULFATE SOLUTION: W2191Alkaline Iodide Azide: W2241Sodium Thiosulfate, 0.025N: W2206NaOH, 0.25N: WP56596Incubator ID: Incubator-3Nitrification Inhibitor: W2096

| Lab Sample ID |                  | Bottle No. | VOL. ML | Initial Reading (ML) | Final Reading (ML) | Difference | Average |
|---------------|------------------|------------|---------|----------------------|--------------------|------------|---------|
| WINKLER       | (Dilution Water) | 1          | 300     | 0.0                  | 8.4                | 8.4        | 8.5     |
| WINKLER       | (Dilution Water) | 2          | 300     | 8.4                  | 17.0               | 8.6        |         |

BOD Dilution Water Before Reading Using DO Meter: 8.49 & After Reading Using DO Meter: 8.49Calibrate DO meter with average reading: 8.5



QC BATCH ID: LB88843

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:09

TIME OUT: 09:40

DATE IN: 07/20/2017

DATE OUT: 07/25/2017

| 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            | 8.47          | 3.05        | 5.42      | 1.08              | 0.89              |         |
| POLYSEED     | 2          |          |            |          |         | 15            | 8.38          | 1.85        | 6.53      | 0.87              |                   |         |
| POLYSEED     | 3          |          |            |          |         | 20            | 8.34          | 1.08        | 7.26      | 0.73              |                   |         |
| GGA          | 1          |          |            |          |         | 6             | 8.41          | 4.02        | 4.39      | 175               | 175               |         |
| GGA          | 2          |          |            |          |         | 6             | 8.37          | 3.90        | 4.47      | 179               | 179               |         |
| GGA          | 3          |          |            |          |         | 6             | 8.39          | 3.96        | 4.43      | 177               | 177               |         |
| I4313-01     | 1          | No       | 6.8        | N/A      | 18.5    | 5             | 7.96          | 3.38        | 4.58      | 221.4             | 148.28            |         |
| I4313-01     | 2          |          |            |          |         | 20            | 7.64          | 1.74        | 5.9       | 75.15             |                   |         |
| I4313-01     | 3          |          |            |          |         | 50            | 7.10          | 0.96        | -         | 0                 |                   |         |
| I4313-01     | 4          |          |            |          |         | 150           | 4.50          | 0.67        | -         | 0                 |                   |         |
| I4313-02     | 1          | No       | 6.8        | N/A      | 18.8    | 5             | 7.99          | 2.94        | 5.05      | 249.6             | 165.22            |         |
| I4313-02     | 2          |          |            |          |         | 20            | 7.76          | 1.48        | 6.28      | 80.85             |                   |         |
| I4313-02     | 3          |          |            |          |         | 50            | 7.07          | 0.83        | -         | 0                 |                   |         |
| I4313-02     | 4          |          |            |          |         | 150           | 4.13          | 0.51        | -         | 0                 |                   |         |
| I4313-03     | 1          | No       | 6.8        | N/A      | 18.6    | 5             | 8.01          | 4.44        | 3.57      | 160.8             | 87.99             |         |
| I4313-03     | 2          |          |            |          |         | 20            | 7.82          | 2.10        | 5.72      | 72.45             |                   |         |
| I4313-03     | 3          |          |            |          |         | 50            | 7.31          | 1.30        | 6.01      | 30.72             |                   |         |
| I4313-03     | 4          |          |            |          |         | 150           | 4.39          | 0.89        | -         | 0                 |                   |         |
| I4313-03DUP  | 1          | No       | 6.8        | N/A      | 18.6    | 5             | 8.03          | 4.46        | 3.57      | 160.8             | 88.01             |         |
| I4313-03DUP  | 2          |          |            |          |         | 20            | 7.80          | 2.08        | 5.72      | 72.45             |                   |         |
| I4313-03DUP  | 3          |          |            |          |         | 50            | 7.33          | 1.31        | 6.02      | 30.78             |                   |         |
| I4313-03DUP  | 4          |          |            |          |         | 150           | 4.37          | 0.86        | -         | 0                 |                   |         |

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

# WORKLIST(Hardcopy Internal Chain)

2888843

WorkList Name : CBOD072017

WorkList ID : 100902

Date : 7/20/2017 2:56:52 PM

| Due Date | Matrix | Sample   | Test  | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method   |
|----------|--------|----------|-------|--------------|----------|------------------|-----------------|--------------|----------|
|          | Water  | I4313-01 | CBOD5 | Cool 4 deg C | DIST01   | G41              | M-COMB-8        | 07/19/2017   | SM5210 B |
|          | Water  | I4313-02 | CBOD5 | Cool 4 deg C | DIST01   | G41              | M-COMB-9        | 07/19/2017   | SM5210 B |
|          | Water  | I4313-03 | CBOD5 | Cool 4 deg C | DIST01   | G41              | B-COMB-1        | 07/19/2017   | SM5210 B |

Date/Time

Received by:

Relinquished by:

07/20/17  
IB  
IB

Date/Time

Received by:

Relinquished by:

07/20/17  
IB  
IB