



## CBOD5 LOG

QC BATCH ID: LB91350BOD Water: WP59397Starch: W2121Conc Sulfuric Acid: W2151POLYSEED: WP59399GGA: WP59398Chlorine Strips: W2068pH Strips: W2106Analysis Date: 11/03/2017ANALYST: IndianaSUPERVISOR: apatelMANGANOUS SULFATE SOLUTION: W2191Alkaline Iodide Azide: W2241Sodium Thiosulfate, 0.025N: W2252NaOH, 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                  | 8.5                | 8.5        | 8.6     |
| WINKLER       | (Dilution Water) | 2          | 300     | 8.5                  | 17.2               | 8.7        |         |

BOD Dilution Water Before Reading Using DO Meter: 8.60 & After Reading Using DO Meter: 8.58Calibrate DO meter with average reading: 8.6



QC BATCH ID: LB91350

INCUBATOR TEMP IN(C): 20.4

TIME IN: 17:20

DATE IN: 11/03/2017

INCUBATOR TEMP OUT(C): 20.3

TIME OUT: 10:30

DATE OUT: 11/08/2017

| 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            | 8.39          | 6.42        | -         | 0                 | 0.45              |         |
| POLYSEED     | 2          |          |            |          |         | 15            | 8.34          | 5.27        | 3.07      | 0.41              |                   |         |
| POLYSEED     | 3          |          |            |          |         | 20            | 8.32          | 3.38        | 4.94      | 0.49              |                   |         |
| GGA          | 1          |          |            |          |         | 6             | 8.42          | 4.40        | 4.02      | 178.5             | 178.5             |         |
| GGA          | 2          |          |            |          |         | 6             | 8.39          | 4.47        | 3.92      | 173.5             | 173.5             |         |
| GGA          | 3          |          |            |          |         | 6             | 8.40          | 4.55        | 3.85      | 170               | 170               |         |
| I6329-01     | 1          | No       | 6.8        | N/A      | 19.0    | 5             | 7.99          | 7.73        | -         | 0                 |                   |         |
| I6329-01     | 2          |          |            |          |         | 20            | 7.84          | 7.56        | -         | 0                 |                   |         |
| I6329-01     | 3          |          |            |          |         | 50            | 7.68          | 7.48        | -         | 0                 |                   |         |
| I6329-01     | 4          |          |            |          |         | 150           | 6.41          | 5.75        | -         | 0                 |                   |         |
| I6329-01DUP  | 1          | No       | 6.8        | N/A      | 19.0    | 5             | 7.98          | 7.75        | -         | 0                 |                   |         |
| I6329-01DUP  | 2          |          |            |          |         | 20            | 7.83          | 7.54        | -         | 0                 |                   |         |
| I6329-01DUP  | 3          |          |            |          |         | 50            | 7.66          | 7.47        | -         | 0                 |                   |         |
| I6329-01DUP  | 4          |          |            |          |         | 150           | 6.42          | 5.76        | -         | 0                 |                   |         |

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

2B 91350

# WORKLIST(Hardcopy Internal Chain)

|                 |            |               |        |              |                       |                  |                 |              |          |
|-----------------|------------|---------------|--------|--------------|-----------------------|------------------|-----------------|--------------|----------|
| WorkList Name : | CBOD110317 | WorkList ID : | 105116 | Date :       | 11/3/2017 12:54:22 PM |                  |                 |              |          |
| Due Date        | Matrix     | Sample        | Test   | Preservative | Customer              | Storage Location | Customer Sample | Collect Date | Method   |
| 11/05/2017      | Water      | I6329-01      | CBOD5  | Cool 4 deg C | DIST01                | H53              | B-EMH-F         | 11/03/2017   | SM5210 B |

Date/Time 11/3/17 16:10  
Received by: IB  
Relinquished by: IB

Date/Time 11/3/17 17:30  
Received by: IB  
Relinquished by: IB