



## CBOD5 LOG

Analysis Date: 01/25/2019

QC BATCH ID: LB100497

ANALYST: indiana

BOD Water: WP71220

SUPERVISOR: apatel

Starch: W2277

MANGANOUS SULFATE SOLUTION: W2427

Conc Sulfuric Acid: W2310

Alkaline Iodide Azide: W2472

POLYSEED: WP71222

Sodium Thiosulfate, 0.025N: WP70959

GGA: WP71221

NaOH, 0.25N: WP71104

Chlorine Strips: W2429

IncubatorID: Incubator-3

pH Strips: W2350

Zero DO: WP71223

Nitrification Inhibitor: w2320

| 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 : 0.19 mg/L (&lt;=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.55

Zero DO Reading2 : 0.18 mg/L (&lt;=0.2 Criteria)



QC BATCH ID: LB100497

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:35

TIME OUT: 12:00

DATE IN: 01/25/2019

DATE OUT: 01/30/2019

| 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 |
|--------------|------------|----------|------------|----------|---------|---------------|---------------|-------------|-----------|-------------------|-------------------|---------|
| LB100497BL   | 1          | No       | 6.0        | N/A      | 20.0    | 300           | 8.52          | 8.52        | 0         | 0                 | 0                 |         |
| POLYSEED     | 1          |          |            |          |         | 10            | 8.54          | 5.07        | 3.47      | 0.69              | 0.69              |         |
| POLYSEED     | 2          |          |            |          |         | 15            | 8.51          | 3.60        | 4.91      | 0.65              |                   |         |
| POLYSEED     | 3          |          |            |          |         | 20            | 8.49          | 1.34        | 7.15      | 0.72              |                   |         |
| GGA          | 1          |          |            |          |         | 6             | 8.51          | 4.15        | 4.36      | 183.5             | 183.5             |         |
| GGA          | 2          |          |            |          |         | 6             | 8.48          | 4.03        | 4.45      | 188               | 188               |         |
| GGA          | 3          |          |            |          |         | 6             | 8.49          | 4.10        | 4.39      | 185               | 185               |         |
| K1260-01     | 1          | No       | 6.4        | N/A      | 18.7    | 5             | 8.44          | 6.02        | 2.42      | 103.8             | 103.8             |         |
| K1260-01     | 2          |          |            |          |         | 20            | 8.38          | 0.80        | -         | 0                 |                   |         |
| K1260-01     | 3          |          |            |          |         | 50            | 8.27          | 0.10        | -         | 0                 |                   |         |
| K1260-01     | 4          |          |            |          |         | 150           | 7.56          | 0.09        | -         | 0                 |                   |         |
| K1260-02     | 1          | No       | 11.40      | N/A      | 7.0     | 5             | 8.49          | 8.06        | -         | 0                 |                   |         |
| K1260-02     | 2          |          |            |          |         | 20            | 8.55          | 8.32        | -         | 0                 |                   |         |
| K1260-02     | 3          |          |            |          |         | 50            | 8.67          | 8.39        | -         | 0                 |                   |         |
| K1260-02     | 4          |          |            |          |         | 150           | 9.30          | 8.74        | -         | 0                 |                   |         |
| K1260-03     | 1          | No       | 6.0        | N/A      | 18.7    | 5             | 8.53          | 8.20        | -         | 0                 |                   |         |
| K1260-03     | 2          |          |            |          |         | 20            | 8.54          | 8.05        | -         | 0                 |                   |         |
| K1260-03     | 3          |          |            |          |         | 50            | 8.69          | 7.97        | -         | 0                 |                   |         |
| K1260-03     | 4          |          |            |          |         | 150           | 9.38          | 7.77        | -         | 0                 |                   |         |
| K1260-03DUP  | 1          | No       | 6.0        | N/A      | 18.7    | 5             | 8.51          | 8.21        | -         | 0                 |                   |         |
| K1260-03DUP  | 2          |          |            |          |         | 20            | 8.54          | 8.08        | -         | 0                 |                   |         |
| K1260-03DUP  | 3          |          |            |          |         | 50            | 8.69          | 7.96        | -         | 0                 |                   |         |
| K1260-03DUP  | 4          |          |            |          |         | 150           | 9.38          | 7.75        | -         | 0                 |                   |         |

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

# WORKLIST(Hardcopy Internal Chain)

LB100497

WorkList Name : CBOD012519

WorkList ID : 121635

Date : 1/25/2019 3:19:19 PM

| Due Date   | Matrix | Sample   | Test  | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method   |
|------------|--------|----------|-------|--------------|----------|------------------|-----------------|--------------|----------|
| 01/27/2019 | Water  | K1260-01 | CBOD5 | Cool 4 deg C | TULL02   |                  | EL-EAST-OF-JDHS | 01/25/2019   | SM5210 B |
| 01/27/2019 | Water  | K1260-02 | CBOD5 | Cool 4 deg C | TULL02   |                  | MH-C05          | 01/25/2019   | SM5210 B |
| 01/27/2019 | Water  | K1260-03 | CBOD5 | Cool 4 deg C | TULL02   |                  | MH-J09          | 01/25/2019   | SM5210 B |

Date/Time

Received by:

Relinquished by:

01/25/19 16:50  
IB  
CB

Date/Time

Received by:

Relinquished by:

01/25/19 17:45  
CB  
IB