



## BOD5 LOG

QC BATCH ID: LB85528  
BOD Water: WP52476  
Starch: W2121  
Conc Sulfuric Acid: W2151  
POLYSEED: WP52479  
GGA: WP52478

Analysis Date: 01/26/2017  
ANALYST: Indiana  
SUPERVISOR: apatel  
MANGANOUS SULFATE SOLUTION: W2191  
Alkaline Iodide Azide: W2035  
Sodium Thiosulfate, 0.025N: W2169  
NaOH, 0.25N: WP49475

| 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: 8.48 & After Reading Using DO Meter: 8.50

Calibrate DO meter with average reading: 8.5



QC BATCH ID: LB85528

INCUBATOR TEMP IN(C) : 20.1

INCUBATOR TEMP OUT(C) : 20.0

TIME IN: 17:20

TIME OUT: 09:22

DATE IN: 01/26/2017

DATE OUT: 01/31/2017

| Lab SampleID | Bottle No. | Check CL | Initial PH | Final PH | Vol. ML | D.O.1 Initial | D.O.2 Final | Depletion | BOD Result | Average Result | Comment     |
|--------------|------------|----------|------------|----------|---------|---------------|-------------|-----------|------------|----------------|-------------|
| POLYSEED     | 1          |          |            |          | 10      | 8.31          | 6.23        | 2.08      | 0.42       | 0.37           |             |
| POLYSEED     | 2          |          |            |          | 15      | 8.18          | 5.25        | 2.93      | 0.39       |                |             |
| POLYSEED     | 3          |          |            |          | 20      | 8.10          | 5.00        | 3.1       | 0.31       |                |             |
| GGA          | 1          |          |            |          | 6       | 8.27          | 4.24        | 4.03      | 183        | 183            |             |
| GGA          | 2          |          |            |          | 6       | 8.23          | 4.46        | 3.77      | 170        | 170            |             |
| GGA          | 3          |          |            |          | 6       | 8.17          | 4.39        | 3.78      | 170.5      | 170.5          |             |
| I1450-01     | 1          | No       | 7.8        | 7.8      | 0.5     | 8.21          | 7.97        | -         | 0          | 247            | pH Adjusted |
| I1450-01     | 2          |          |            |          | 1       | 8.19          | 7.73        | -         | 0          |                |             |
| I1450-01     | 3          |          |            |          | 2       | 8.16          | 6.56        | -         | 0          |                |             |
| I1450-01     | 4          |          |            |          | 3       | 8.12          | 5.28        | 2.84      | 247        |                |             |
| I1450-01DUP  | 1          | No       | 7.8        | 7.8      | 0.5     | 8.22          | 7.98        | -         | 0          | 247            | pH Adjusted |
| I1450-01DUP  | 2          |          |            |          | 1       | 8.18          | 7.71        | -         | 0          |                |             |
| I1450-01DUP  | 3          |          |            |          | 2       | 8.15          | 6.58        | -         | 0          |                |             |
| I1450-01DUP  | 4          |          |            |          | 3       | 8.11          | 5.27        | 2.84      | 247        |                |             |

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

# WORKLIST(Hardcopy Internal Chain)

2B85528

Worklist Name : BOD5012617

Worklist ID : 94894

Date : 1/26/2017 4:39:10 PM

| Due Date | Matrix | Sample   | Test | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method   |
|----------|--------|----------|------|--------------|----------|------------------|-----------------|--------------|----------|
|          | Water  | I1450-01 | BOD5 | Cool 4 deg C | ARAM01   | E12              | COMP-001        | 01/25/2017   | SM5210 B |

Date/Time 01/26/17 16:45  
 Received by: IB  
 Relinquished by: IB

Date/Time 01/26/17 17:30  
 Received by: IB  
 Relinquished by: IB