

## Class B Wastewater Renewal

Requires 2.4 TUs or 24 hours to renew.

| ID      | Topic  | Cost  | Minutes | W    | WW   | I    | C    | D    |
|---------|--|-------|---------|------|------|------|------|------|
| WWT-002 | What's In My Wastewater: Definitions and Typical Ratios          | \$30  | 90      |      | 0.15 | 0.15 | 0.15 |      |
| WWT-006 | Activated Sludge Basics  | \$50  | 150     |      | 0.25 | 0.25 |      |      |
| WWT-007 | Activated Sludge Basics: A Mechanical Approach                   | \$40  | 120     |      | 0.2  | 0.2  |      |      |
| WWT-008 | Activated Sludge Microbiology and Microscope Techniques - Part 1 | \$20  | 60      |      | 0.1  | 0.1  |      |      |
| WWT-009 | Activated Sludge Microbiology and Microscope Techniques - Part 2 | \$20  | 60      |      | 0.1  | 0.1  |      |      |
| WWT-013 | State Point Analysis for Secondary Clarifiers                    | \$30  | 90      | 0.15 | 0.15 | 0.15 |      |      |
| WWT-014 | Activated Sludge Process Control Tests and Troubleshooting       | \$40  | 120     |      | 0.2  | 0.2  |      |      |
| WWT-011 | Nitrification and Denitrification                                | \$40  | 120     | 0.2  | 0.2  | 0.2  |      |      |
| WWT-012 | Biological and Chemical Phosphorus Removal                       | \$30  | 90      |      | 0.15 | 0.15 |      |      |
| WWT-018 | Aerobic and Anaerobic Digestion                                  | \$40  | 120     |      | 0.2  | 0.2  |      |      |
| WWT-019 | Belt Filter Presses  | \$30  | 90      | 0.15 | 0.15 | 0.15 |      |      |
| WWT-020 | Centrifuges  | \$30  | 90      | 0.15 | 0.15 | 0.15 |      |      |
| ALL-007 | Representative Sampling  | \$30  | 90      | 0.15 | 0.15 | 0.15 |      | 0.15 |
| WWT-022 | Laboratory Testing - Part 1 (pH, alkalinity, BOD, and Winkler)   | \$40  | 120     | 0.1  | 0.2  | 0.2  |      | 0.05 |
| WWT-023 | Laboratory Testing - Part 2A (Total Suspended Solids)            | \$20  | 60      | 0.1  | 0.1  | 0.1  |      |      |
| WWT-025 | Proper Use of Spectrophotometers (QA/QC)                         | \$20  | 60      | 0.1  | 0.1  | 0.1  |      |      |
| WWT-028 | How Did CDPHE Determine My Permit Limits                         | \$30  | 90      | 0.15 | 0.15 | 0.15 |      |      |
|         | Total  | \$540 | 27      | 1.25 | 2.7  | 2.7  | 0.15 | 0.2  |

\*\*Complete EITHER WWT-006 or WWT-007

