

April 15, 2022

Heather Howard, Office Administrator *via email*: [hhoward@newea.org](mailto:hhoward@newea.org)  
YOWA c/o NEWEA

**SUBJECT: Approval Request for National Onsite Water Recycling Association (NOWRA)'s A to Z, Installer Training, Troubleshooting, Design Course, and 2020 Mega Conference**

Dear Heather,

On April 14, 2022, we received your request for State approval of training hours for wastewater treatment facility operators. Amy Polaczyk, WSMD Wastewater Program Manager, has reviewed and **approved** the request for TCHs as follows for 100% attendance:

- **NOWRA - A to Z Overview (8 TCHs total):**
  - Overview course: 8 TCHs OR
  - Intro Onsite and Wastewater course: 3 TCHs
  - Soil Eval, Treatment & Dispersal course: 4 TCHs
  - Operation and Maintenance course: 1 TCH
  
- **NOWRA - Design Course Overview – Part 1 (seven courses = 10 TCHs total):**
  - Overview: 1 TCH
  - Septic Tanks: 1 TCH
  - Aerobic Treatment Units: 1.5 TCHs
  - Soil Properties: 2 TCHs
  - Soil Water Movement: 1.5 TCHs
  - Making Infiltrative Decisions: 1.5 TCHs
  - Pressure Distribution: 1.5 TCHs
  
- **NOWRA - Installation Course Overview (8 TCHs total):**
  - Overview Course: 8 TCHs OR
  - Overview - Part 1 (first four sections) 4 TCHs
  - Overview - Part 2 (second four sections) 4 TCHs



- **NOWRA – Mega-Modules Course Overview (twelve courses = 21 hours total):**
  - Planning for Sustainability: 1 TCH
  - Assessments and Solutions: 2 TCHs
  - Virginia Updates: 2 TCHs
  - COVID 19: 3.5 TCHs
  - Research Updates: 1 TCH
  - Reuse: 2 TCHs
  - Alcohol and Beer Wastewater Treatment: 2 TCHs
  - Nitrogen Balance: 1 TCH
  - Reinvented Toilets and Urine Diversion: 2 TCHs
  - Tank Buoyancy and Watertightness: 2 TCHs
  - Commercial Drive license (CDL) and DOT: 1 TCH
  - Wastewater Treatment Myths & Toilet Paper: 1.5 TCHs
  
- **NOWRA – Troubleshooting Course Overview (10 TCHs total)**
  - Complete Overview: 10 TCHs OR
  - Bundle 1 (Flows and Tanks): 3 TCHs
  - Bundle 2 (Pretreatment Units): 2 TCHs
  - Bundle 3 (Soils): 3 TCHs

For the Watershed Management Division

Jill Draper  
Business & Operation Support Services