Alternative Repair Methods

6.0 hours to CEHPs & Master/ Registered Septic Tank Contractors

Course is approved at Master Contractor level SC0401

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Instructor: Dr. Sonia Cruz, Ph.D., C.E.H.P.

7:15 am Registration, Introduction, and pre-test.

7:30 am What are the requirements for septic systems repairs?

Permitting of septic system repairs;

Setback requirements in repairs

Construction materials used in system repairs

Sizing criteria for drainfield repair

8:30 am What is an alternative repair method?

Code language regarding alternative repair methods in Chapter 64E-6.015(3) and (4), F.A.C.

Conditions under which an alternative repair is not used.

9:30 am Break

9:45 am Chemical Products used in an alternative repair:

Compliance with 64E-6.0151, F.A.C.

Product approval process and conditions limiting product use.

Discussion of products meeting standards in 64E-6.0151, F.A.C.

10:45 am Discussion of Alternative Repair Methods evaluated by department:

Aero-Stream, Aquaworx Remediator, ClearPod, EarthBuster, Jaws, Lixor, Pirana, Retro-air,

RetroFAST, Septic Doctor, SludgeHammer, SoilAir, Soilshaker, Terra-Lift, Vacuum Bubble Technology, White Knight.

11:45 am Lunch

12:15 pm What you need to know before repairing an onsite wastewater treatment and disposal system

Examples of system repairs and discussion of different applications of repair methods by attendees and instructor.

2:15 pm Post test

2:45 pm Distribution of course evaluations & attendance certificates

Note**: Students should bring an engineer scale and a calculator to class**. The post-test shall consist of 20 questions in closed book format for Master Contractors, all others are allowed to use class notes. Half hour maximum is given to complete test. Passing score is 70%. A participant who does not score at least 70% on the post test will be allowed one test retake.

Detailed Course Description:

The purpose of this course is to help onsite wastewater professionals and others understand alternative repair methods available for onsite wastewater treatment systems and possible repair solutions.

Total number of classroom hours: 6

Speaker Qualifications: Sonia Cruz, Ph.D., CEHP 4(B), Bachelor of Science, Master in Biology and Doctorate in Marine Sciences, 17 years Department of Health Onsite Sewage Program experience, and 18 years academic experience as a University of Puerto Rico Associate Professor in Biology.