Existing System Evaluation

6.0 hours to CEHPs & Master/ Registered Septic Tank Contractors

Course is approved at Master Contractor level SC0402

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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 Statutory and Rule requirements for the evaluation of existing septic systems:

Voluntary Inspection and Assessment of Existing Systems

8:30 am Field Procedures I: Tank inspection, tank volume determination, measurement of scum and sludge layers. Determination of tank structural integrity and water tightness. Effluent filters, outlet devices and compartment walls. Drainfield inspection procedures.

9:30 am Break

9:45 am Field Procedures II: Assessment Procedures for systems installed prior to January 1, 1983

Case scenario from existing system package will be analyzed for compliance with State requirements by attendees and instructor.

10:45 am Field Procedures III: Assessment Procedures for systems installed on or after January 1, 1983

Case scenario from existing system package will be analyzed for compliance with State requirements by attendees and instructor.

11:45 am Lunch

12:15 pm Form completion and reporting: Sample case scenario will be completed by attendees and then group discussion for accuracy and completeness. This will include mathematical calculations for system size determination, setbacks, and possible system configurations on site plans. Current code changes will be incorporated in the discussion.

2:15 pm Post test

2:45 pm Distribution of course evaluations & attendance certificates

Note: 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 the procedures for the assessment of fundamental operational conditions of existing septic systems with references to current changes in the rule.

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.