

# Florida Statewide Wetland Delineation (62-340 FAC Training)

This two-day short course covers the Florida statewide wetland delineation procedures (Chapter 62-340 FAC) used throughout Florida by the Florida Department of Environmental Protection, Water Management Districts, and local communities. The four tests used in the statewide method (a, b, c, and d tests), the hydrology indicators, and the hydric soil indicators adopted by reference from the Natural Resources Conservation Service are addressed in detail. One day of classroom work is followed by one day of field work.

**If you want to delineate wetlands in Florida you need this training!**

## TOPICS

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| <ul style="list-style-type: none"> <li><input type="checkbox"/> Introduction to the statewide method</li> <li><input type="checkbox"/> Definitions of strata</li> <li><input type="checkbox"/> Stratum measurement procedures</li> <li><input type="checkbox"/> Selecting appropriate stratum</li> <li><input type="checkbox"/> Protocol for combining strata or shifting strata</li> <li><input type="checkbox"/> "a" and "b" vegetation testing</li> <li><input type="checkbox"/> Hydrology indicators</li> <li><input type="checkbox"/> Field determination of saturation</li> <li><input type="checkbox"/> Capillary fringe</li> <li><input type="checkbox"/> Relationship between saturation &amp; capillary fringe</li> <li><input type="checkbox"/> Saturation and Inundation wetland hydrology requirements</li> <li><input type="checkbox"/> "Aufwuchs" definition</li> <li><input type="checkbox"/> Aquatic fauna</li> <li><input type="checkbox"/> Morphologic adaptations</li> <li><input type="checkbox"/> Field examples of soil profiling</li> <li><input type="checkbox"/> Overview of soil taxonomy</li> <li><input type="checkbox"/> Application of "c1" test</li> <li><input type="checkbox"/> Application of "c2" test</li> <li><input type="checkbox"/> Application of "d" test</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> Identifying the seven prima facie soil great groups</li> <li><input type="checkbox"/> Introduction to hydric soils</li> <li><input type="checkbox"/> Field identification of hydric soils</li> <li><input type="checkbox"/> Proper usage of the Munsell chart</li> <li><input type="checkbox"/> Interpreting a soil survey</li> <li><input type="checkbox"/> Field examples of hydric sandy soils</li> <li><input type="checkbox"/> Field examples of histosols</li> <li><input type="checkbox"/> Field examples of hydric mineral soils</li> <li><input type="checkbox"/> Oxidized root channels</li> <li><input type="checkbox"/> Use of " " dipyrilidil</li> <li><input type="checkbox"/> Soil hydrogeochemistry processes</li> <li><input type="checkbox"/> Oxidation / reduction processes</li> <li><input type="checkbox"/> Soil colors</li> <li><input type="checkbox"/> How to dig a soil pit</li> <li><input type="checkbox"/> How to test for saturation</li> <li><input type="checkbox"/> Wetland exemptions</li> <li><input type="checkbox"/> Field exercises (8 hours)</li> <li><input type="checkbox"/> Review</li> <li><input type="checkbox"/> Question &amp; answer period</li> </ul> |
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## REGISTRATION FORM



Name: \_\_\_\_\_ Date: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_ Work Phone (\_\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_\_) \_\_\_\_\_

Email Address: \_\_\_\_\_ Course City & Date: \_\_\_\_\_

Select Payment Form (U):                

Credit Card No.: \_\_\_\_\_ Name on card: \_\_\_\_\_

Signature of Cardholder: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

I wish to receive my confirmation via (U):  Email (our preference)  Telephone  Fax  Postal Mail

Course Location: Tampa, Florida. Specific site to be selected.  
 Course Dates: August 14 - 15, 2009  
 Course Fee: \$475

Refund Policy: Full refund if canceled in writing at least 10 business days before a course; 70% refund if canceled in writing at least 3 business days before a course. A full credit is given for use at a different course site if canceled between 10 and 3 business days before a course. Although extremely rare, Richard Chinn Environmental Training, Inc. reserves the right to cancel a seminar and refund all fees.

## The Course Instructor

**R**ichard Chinn, a Certified Environmental Trainer and Certified Wetland Delineator, holds BS and MS degrees in Zoology. He has 17 years experience in wetlands and environmental resource management in both the public and private sectors and 16 years training and teaching experience. Mr. Chinn has been a wetland regulator, wetland consultant, and Community College and University Biology Instructor.

Mr. Chinn has trained 2100+ wetland scientists in ACOE Wetland Delineation protocol nationwide.

Mr. Chinn was Certified during the Army Corps of Engineers Wetland Delineation Certification Program Demonstration Phase and passed the written and field portions of the Certification examinations.

## The Course

Quotes from previous participants:

*"The best training class I have ever attended..."*

*"I Learned more in 5 days than in 10 years..."*

*"The course was very thorough..."*

*"This is must course for consultants and regulators"*

*"Now I realize how much I didn't know..."*

*"Everyone in our office has taken your course..."*

*"I learned a ton and had a great time..."*

Every participant will receive:

- C Comprehensive workbook,
- C 1987 Wetland Delineation Manual,
- C State list of hydric soils for that state,
- C NWI list of wetland plants for that Region,
- C Corps' Clarification memoranda,
- C List of materials to properly delineate wetlands,
- C Certificate of completion of the ACOE *Wetland Delineator Certification Program* training,
- C Sources of pertinent wetland information,
- C 3.8 Continuing Education Units (CEUs),
- C Password to the alumni page,
- C Approximately 2.6 credit hour equivalents
- C Shamelessly advertising Stainless Steel travel

## Richard Chinn Environmental Training, Inc. Additional Courses

### Wetland Delineation & Management Classroom and Field Training

This 4-day course prepares one to perform wetland determinations, addresses wetland management regulatory topics, provides 2.6 credit hours of the 12 necessary to become a Professional Wetland Scientist, satisfies the training requirements of most state Departments of Transportation, and satisfies the training requirements to become a Certified Wetland Delineator upon implementation. Richard Chinn has trained 2100+ persons in this course in 26 states and Puerto Rico since 1994!

### Advanced Wetland Management Training

This 4 day course covers the regulatory issues of wetland management, especially the "how-to"s of wetland impact permits.

### Florida Environmental Resource Permit Training

This 2 day course is a must for Florida engineers, consultants, and regulators who apply for or regulate ERPs in Florida.

### On-Line HAZWOPER Annual Refresher

This course satisfies OSHA's requirements for annual refresher training for Hazardous Waste Operations & Emergency Response workers (29 CFR 1910.120).

### Train-the-Trainer for Hazardous Waste Operations and Emergency Response

This 40 hour course provides the training to satisfy OSHA's requirements to become a Hazardous Waste Operations & Emergency Response Trainer and prepares one for the Instructional Technology and Occupational Safety & Health tests to become a Certified Environmental Trainer.

Call us or visit our web page for our current, posted training class schedule.

## Florida Statewide Wetland Delineation Training 62-340 FAC

**Learn** the wetland delineation methodology used by the Water Management Districts, Florida Department of Environmental Protection, Counties and Cities! These agencies are mandated by Florida State law to use this method and cannot deviate!

**Learn** when & how to use the a, b, c, and c tests!

**Learn** the hydrology tests of this method! (Note: They are different than those used by the Army Corps of Engineers!)

**Learn** the hydric soil indicators of this method. (They are different than those used by the Army Corps of Engineers!)

**Earn** approximately 1 credit hour toward **Professional Wetland Scientist** certification from the Society of Wetland Scientists.

## ½ Classroom & ½ Field

**\$475**

**Tampa, Florida**

**August 14 - 15, 2009**

Richard Chinn Environmental Training, Inc.

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Web: <http://www.richardchinn.com>

Please pass this brochure on to your colleagues.

Also offering Wetland Delineation Training, Advanced Wetland Management Training, HAZWOPER Training and HAZWOPER Train-the-Trainer Training.

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