

A. Title Page

Army Corps of Engineer Wetland Delineation Training  
Final Report

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#### B. Restatement of problem researched or creativity

Wetland delineation establishes the existence (location) and physical limits (size) of a wetland for the purposes of federal, state, and local regulations. Current federal regulations require a wetland delineation to be performed before a wetland can be legally modified. Therefore, wetland delineation is a highly marketable skill in today's competitive environmental job market and students who have training and experience performing wetland delineations and assessments will be more likely to obtain a job upon graduation. The purpose of this grant was to send the principal investigator to a course on wetland delineation in order to teach delineation procedures to ATU undergraduates in a wetland ecology class.

#### C. Brief review of the research procedure utilized

The objective of this professional enhancement course was to learn the technical guidelines for wetland delineations, field indicators of hydrophytic vegetation, hydric soils, and wetland hydrology, methods for making jurisdictional determinations, methods to apply in disturbed areas, and recognition of problem wetlands. The 38 hour class was held 29 May – 1 June, 2007 in Austin, TX.

#### D. Summary of findings

The class provided an in-depth coverage of wetland delineation protocol mandated by the ACOE. Specifics presented in the class included the science and application of hydrology, hydrophytic vegetation, hydric soils, and historical incidents. Based on the knowledge and skills gained in this class, I am incorporating wetland delineation training into the laboratory portion of FW 4883/5883 (Wetland Ecology and Management).

In addition, this class counts for approximately 2.6 credit hours of specific wetland coursework toward the Society of Wetland Scientists' Professional Wetland Scientist certification, which I will apply for in the upcoming year.

#### E. Conclusions and recommendations

In conclusion, the training was extremely helpful in instructing me in proper delineation protocol and techniques. Please find attached my completion certification as proof that I attended the class.

# Richard Chinn Environmental Training, Inc.

certifies that

Elisabeth Brennan

has successfully completed a

4 day 38 hour Army Corps of Engineers Wetland Delineation Training Program

Issued Certificate No. 4663 and 3.8 CEUs on this first day of June, 2007, in Austin, Texas

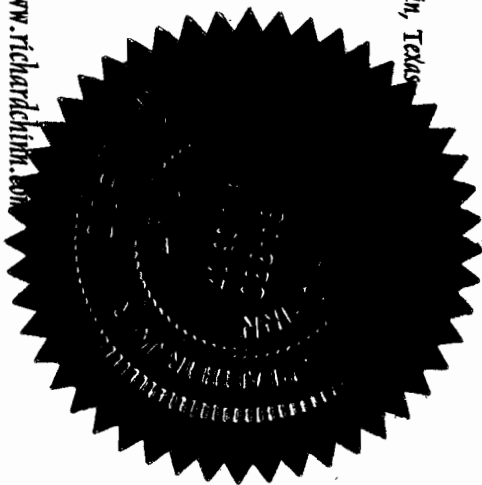


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This training has been based in part on the U. S. Army Corps of Engineers Wetlands Delineation Manual Technical Report Y-87-1 (1987 manual), as provided for in the training materials developed in conjunction with section 307(c) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.