



**CESU Final Report Summary for
Web-based Hunting Permit Program for Lavon Lake Office, Texas - W912HZ-10-2-0039**

Purpose: Texas A&M University (TAMU) designed and implemented a web based hunting permit program for Lavon Lake Office, Wylie, Texas. The COE at Lavon Lake manages an approximately 6500 acre public hunting program as part of the overall natural resource management plan. The public hunting program is utilized by almost 2000 participants yearly. In an effort to improve the resource management value of the public hunting program and improve the recreation experience of the user, a web based hunting information, permit, and harvest survey is essential.

Location: Lavon Lake is located in Wylie, Texas.

Methods: TAMU received Excel sheet of past hunters and imported them into the database. Last season's permit numbers were unavailable, so they were generated on import and hunters will call the lake office for their permit number when generating their 2010-11 permits online. All returning hunters are required to complete a hunter activity report from last season. All hunter activity reports are programmatically combined and then compiled into a hunter success report that can be viewed and printed. If a hunter was issued a permit last year, no permit will be issued unless a hunter activity report is completed. Hunter activity report includes what game was hunted, seen, killed, specific dates hunted, number of days and hours spent hunting, and areas in which hunting was performed. Hunter success report also states how many permits were issued last year and how many respondents have completed report for a percent reporting.

Results: Only one permit number per year may be issued to the same driver's license, regardless of variation of name. The permit number is a six digit number with the first two digits being the year and the next four digits being the order of issue. The permit will be valid for all Lavon Lake hunting zones and will run the same as a Texas Parks and Wildlife Dept hunting license period, Sept 1 to Aug 31. There are additional specifications for first-time hunters. The website tracks the cumulative numbers of permit holders and COE may compare them each year of the project to evaluate the efficiency of the web-based permit system. The website can report usage statistics and other data as needed to help COE determine if the web-based system allows for better promotion of public benefits, better protection of environmental resources at Lavon Lake through increased access to hunter regulations and keeping hunters informed of special methods and special use hunts via the website. TAMU shall operate and maintain system for a period of 5 years beginning August 15, 2010 and running through September of 2014 as funding is available. TAMU will provide yearly data analysis and reports including: Cumulative Hunter Registration Form and Accumulated Harvest Report.

Researchers: Unspecified from Texas A&M University

Prepared For: USACE

CESU: Gulf Coast