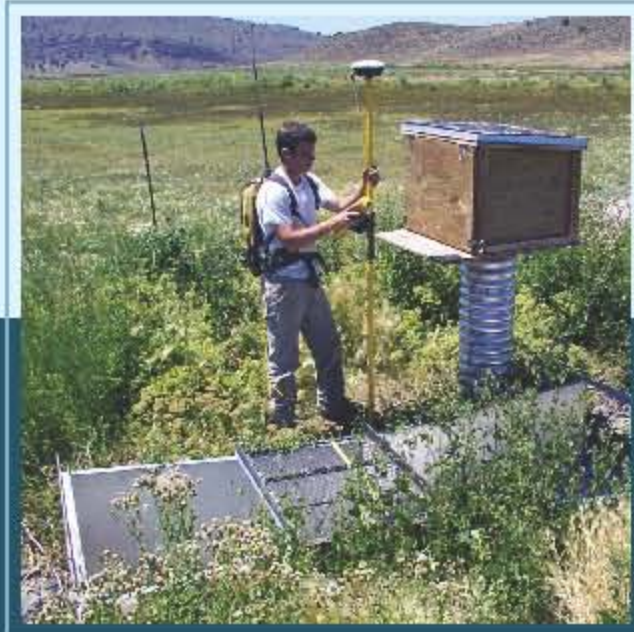


LOWER KLAMATH AND TULE LAKE NATIONAL WILDLIFE REFUGES WATER DISTRIBUTION AND DRAINAGE SYSTEM ASSESSMENT AND WATER MANAGEMENT PLAN

U.S. FISH & WILDLIFE SERVICE

KEY PROJECT HIGHLIGHTS

- Assessment of current system to provide recommendations to improve the water management of the Lower Klamath and Tule Lake regions
- Field investigations of the existing water supply infrastructure present within the wildlife refuges
- Inventory of over 350 hydraulic structures varying from pump stations to individual control gates
- Field surveys completed with the use of a Trimble® Global Positioning System
- Additional topographic data was obtained from an airborne Light Detection And Ranging (LiDAR) survey
- System capacity analysis and development of computer-aided water model using data from field investigations, topographic surveys and XPSWMM software
- Creation of water management plans to aid the USFWS in efficiently directing water through the refuges



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