

Yakama Cadastral/GIS Project

John D. McCauley and Raymond Wiseman, USA

Key words:

ABSTRACT

The Yakama Cadastral/GIS project is a cooperative venture of the Bureau of Indian Affairs, Bureau of Land Management, and Yakama Nation of Washington State. The Project combines the disciplines of Cadastral Surveying, Realty, Cartography, and Photogrammetry in a computer database of land status.

The combination of Geographic Information Science (GIS) and the BLM Geographic Coordinate Database (GCDB) creates an inventory of the cadastral information with the individual parcel attributes yielding a graphic picture of the relationship between land descriptions and the lands being described.

This Project incorporates information from Departments dealing with health, housing, zoning, realty, probate, natural resources including forestry, fisheries, wildlife, water resources, archeology, and environmental protection. The information has always been available but not linked together in one information source. Locating these records in one database will improve access to lands information of the different Departments as well as provide a means to cross-check and verify the status of the Trust Lands. Conflicts between records of different Departments and actual activity in the field can be evaluated within known reference marks. The Department Managers now have the ability to direct their limited research and surveying dollars to the areas of most concern.

CONTACT

John D. McCauley, Land Surveyor
U.S.D.I. Bureau of Land Management
P.O. Box 606
Toppenish, WA. 98948
USA
Tel. + 1 509 865 5084, + 1 503 887 4439
Fax + 1 503 952 6190
E-mail: john_mccauley@or.blm.gov

Raymond Wiseman, GIS Coordinator
Yakama Nation
P.O. Box 151
Toppenish, WA. 98948
USA
Tel. + 1 509 865 2255
Fax + 1 509 865 2143
E-mail: ray@yakama.com