

Kansas Wetland Determination

by Kale Horton, Aug 14, 2006



Office of Surface Mining Mid-Continent Region personnel conducted stream and wetland delineations for two AML restoration projects within the State of Kansas. Spatial information delineating wetland transects, stream course routes, and wetland boundaries were captured in the field using ArcPad applications and mobile devices. Information gathered in the field was imported into ArcGIS software packages to quantify project impacts to waters of the United States as well as aid in mitigation plan design. Mobile computing technologies and ArcGIS software provided through the TIPS program assisted in the development and clear presentation of project activities to obtain the necessary Clean Water Act Section 404 permit approval from the U.S. Army Corps of Engineers.