



July 2009 CPNRD board report

Cooperative Hydrology Study Phase III

Developed new Operating Plan for 2009 to 20012 The Operating Plan has six objectives

Objective 1) Ensure the COHYST models are properly calibrated for the purpose of determining the groundwater component of stream flow accretions and depletions.

Objective 2) Develop a tracking and accounting system to assist the state with compliance with the Platte River Recovery and Implementation Program and with integrated water management in accordance with Nebraska State Statutes.

Objective 3) Explore available methodologies and select appropriate method (or methods) to facilitate the incorporation of the water budget as it relates to the surface water component of streamflow such that the COHYST will contribute to the regional understanding of surface water and groundwater interaction as it relates to integrated management planning.

Objective 4) Perform alternatives analyses of management and regulation alternatives available to decision makers. Management and regulation alternatives may include management mechanisms relating to acres-related controls and/or allocation of water use, and others as determined by the Sponsors. Additional analyses may include, but are not limited to: crop mix water use calculations, residue management alternatives, reduced till and/or no till land management practices, riparian vegetation management strategies.

Objective 5) Develop policy for making data & information available to the public.

Objective 6) Maintain and update data sets necessary for the development and implementation of regional and subregional investigations and analyses. Update all original COHYST data sets to incorporate added data to 2008. Update all original COHYST temporal data sets to incorporate data up to 2005 at a minimum

The Sponsor will develop projects and tasks related to the objectives and assign project coordinators to produce work plans and monitor accomplishment.

Next Sponsors meeting August 5, 2009 in Lincoln at DNR.