

Basin Needs Decision Support System

The Colorado Water Conservation Board (CWCB) is enhancing a prototype of its Identified Projects and Processes (IP&P) Database and web application. As a result of the refinements and expansion of the IP&P Database, the CWCB is changing its name to the Basin Needs Decision Support System (BNDSS) to better reflect its broader purpose.

The database was created to track projects (i.e. reservoirs) and processes (i.e. conservation programs) that are being implemented by providers statewide, to meet the water needs “gap” originally identified by the Statewide Water Supply Initiative (SWSI) study. The BNDSS will track projects and processes that were noted during the initial SWSI efforts and other projects and processes that have been identified by water providers since the SWSI report. Collectively these are called IP&P’s. The BNDSS will monitor their success and identify where CWCB programs can help IP&P implementation. The success of these IP&P’s is a critical factor in meeting Colorado’s projected water supply needs. In addition to IP&P’s, the BNDSS will also track water use and supply data (actual and projected), population data (actual and projected), and non-consumptive project data, in order to ultimately refine local and regional estimates of the projected water supply “gap”.