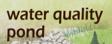
An Extended Detention Basin (EDB) is a permanent stormwater quality Best Management Practice (BMP) and is one of the most common types of Stormwater Management Facilities utilized within the Front Range of Colorado.



inflow point

stormwater detention basins can be attractive naturalized park features that protect the community from future floods, detain water, and remove contaminants from stormwater runoff.

> upper basin

An EDB is used for flood control, with the primary difference in detaining water. Forebays are shallow "pans" located at the inflow points to the basin. These forebays briefly detain stormwater runoff, allowing sediment and floatables (trash) to settle out. The stormwater is then released into the basin.

forebay

inflow point

EXTENDED DETENTION BASINS



upland

floodplain terrace / embankment for flood storage

high water level

fringe

shallow water bench / upper basin

normal water level

lower basin



NATURALIZED FLOOD CONTROL