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# Navajo Elementary School Albuquerque, New Mexico

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Navajo Elementary School located in the southwest Albuquerque Valley, where no drainage outfall exists, recently took advantage of LID design practices. Wilson & Company planned and implemented BMPs to protect surface water quality as required under the National Pollutant Discharge Elimination System (NPDES) stormwater permit. The figure below outlines the paradigm shift in traditional storm water management, which recognized a resource conservation and water quality approach.

Similarly, the landscape planting and xeriscape employ rainwater harvesting. Planters adjacent to the new Navajo Elementary School buildings have underground storm drains with orifice plates for regulating discharge while the planters are design with an emergency spillway in the event the inlet are plugged. The courtyards were designed with pavers for encouraging subsurface runoff. The main parking lot is design of a porous concrete pavement which requires subsurface discharge.

*Reference:* Karen Alarid  
FP&C Director  
Albuquerque Public Schools  
(505) 848-8818