

Watershed Study

Altanna Creek Watershed Study - Coralville, Iowa

City of Coralville
Johnson County, Iowa
2005-2007

The objectives of the *Altanna Creek Watershed Study* were to measure changes in the watershed and provide pre and post-development options for addressing stormwater management. Watershed planning is an important first step toward **smart growth**. Addressing issues such as storm water, wetlands, and streams on a watershed scale can protect important sensitive areas. It also provides a road map for development that reduces infrastructure costs, speeds up the environmental permitting process, and provides continuity from one property to the next.

The main objective that EarthView Environmental, Inc. (EVE) contributed to this project was options for stormwater Best Management Practices, wetland mitigation, and stream restoration.

Additionally, EVE contributed to these specific goals of the watershed study:

1. Identify existing natural systems that require protection and enhancement.
2. Identify possible wetland mitigation sites.
3. Provide options for retrofitting storm water practices to reduce runoff and peak flows.
4. Integration of storm water practices, wetland mitigation, and stream enhancement into innovative green space links between neighborhoods (Linear Park and Trail System).
5. Identify ongoing management/maintenance needs to assure sustainable strategies for protecting the watershed.
6. Explore alternatives that will promote healthier streams and stronger relationships between the City and property owners/developers.
7. Provide results that can be applied to other watersheds.



Watershed studies help communities across political boundaries lead stakeholders into the future; it gives the opportunity for a commitment to go beyond basic services and provide clean streams, open spaces, and recreational and educational opportunities.



Client References:

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