



Stormwater *Masterplan*

ADDRESSING THE CITY'S
STORMWATER NEEDS & IMPACTS

Stormwater is runoff from natural precipitation, such as rain and snow melt and other surface runoff and drainage. Stormwater in Washington City is conveyed to the Virgin River. The Stormwater Masterplan is a comprehensive study and analysis of Washington City's current stormwater system, drainage, and future stormwater needs.

The Master/Capital Facilities Plan is divided into eight sections.

Section one is a summary of the main points of the system analysis, a description of the drainage basins, and a short description of the improvement projects and impact fees.

Section two discusses the projected growth rate, length of planning period and service areas used for the systems analysis.

Section three contains an identification of the sub-basins, summary of existing infrastructure, and recommendation and cost for necessary improvements.

Section four is a detailed discussion of the necessary improvement projects. Projects are prioritized and include an engineer's estimate.

Section Five describes the process for creation of the impact fees, recommended impact fees and available impact fee credits.

Section Six is a discussion of the floodplain model.

Section 7 contains supplemental information and assumptions.



IMPACT FEES

In order to pay for the proposed system improvements a proposed impact fee of \$4,630.00 per acre will be charged to all new connections. The proposed stormwater impact fee was calculated by dividing the total cost of the proposed improvements in an area by the developable acreage in the area.