



Green Infrastructure & Stormwater Management CASE STUDY

Post Falls City Hall

Location: Post Falls, ID

Client: City of Post Falls

Design Firm(s): GDL Architects

Landscape architect/Project contact: Jonathan Mueller, FASLA

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ASLA Chapter: Idaho-Montana

Project Specifications

Project Description: Site development for a new city hall project.

Project Type:

Government complex

Part of a new development

Design features: Bioswale and curb cuts.

This project was designed to meet the following specific requirements or mandates:

State statute, county ordinance, local ordinance

Impervious area managed: 5,000 sq/ft to 1 acre

Amount of existing green space/open space conserved or preserved for managing stormwater on site: 5,000 sq/ft to 1 acre

The regulatory environment and regulator was supportive of the project.

Did the client request that other factors be considered, such as energy savings, usable green space, or property value enhancements? Open space/public space

Cost & Jobs Analysis

Estimated Cost of Stormwater Project: \$10,000-\$50,000 (Public funding: Local)

Was a green vs. grey cost analysis performed? No, didn't provide one as we are required to provide green infrastructure components.

Cost impact of conserving green/open space to the overall costs of the site design/development project: It was neutral as it was part of the original cost models.

Cost impact of conserving green/open space for stormwater management over traditional site design/site development approaches (grey infrastructure)? Slightly reduced costs (1-9% savings).

Number of jobs created: Not available

Job hours devoted to project:

Planning and Design: Not available

Construction: Not available

Annual Maintenance: Not available

Performance Measures

Stormwater reduction performance analysis:

100% managed on site and returned to base flow of sole source aquifer.

Community & economic benefits that have resulted from the project: Water quality & treatment and civic space are the primary benefits