



Green Infrastructure & Stormwater Management CASE STUDY

Northeast LA Stormwater Capture and Recreation Sites Plan

Location: Glassell Park neighborhood, Los Angeles, CA

Client: Anahuak Youth Soccer Association

Design Firm(s): GDML

Landscape architect/Project contact: Glen Dake, ASLA

Email: glen@gdmlonline.com

ASLA Chapter: Southern California



Photo: Glen Dake

Project Specifications

Project Description: This project identifies candidate sites for new multi-use playfield and ballcourts in Northeast Los Angeles. Vacant Northeast Los Angeles properties were studied for suitability for both stormwater BMP's and recreation. The LA County-owned Sycamore Drain was identified as high-potential for conducting polluted stormwater to the LA River, and within its sub-watershed this plan locates six vacant parcels that have potential for stormwater BMPs and outlines tasks and project budgets to implement each project. Census data was included in the plan to demonstrate how the projects would serve the 6,000 residents of this area if built and support applications to the Urban Parks Act grant program.

Project Type:

Planning for park and watershed improvements

Part of a new development

Design features: This work is programmatic, so naming a specific BMPs is premature.

This project was designed to meet the following specific requirements or mandates: Not applicable

Impervious area managed: greater than 5 acres

Amount of existing green space/open space conserved or preserved for managing stormwater on site: The project would create new green space with integrated stormwater BMPs from lands that are currently impervious.

Did the client request that other factors be considered, such as energy savings, usable green space, or property value enhancements? The purpose of the project was to marry a solution to shortage in youth sports space with the need for stormwater quality improvements (bmp's), and to propose projects that do both.

Cost & Jobs Analysis

Estimated Cost of Stormwater Project: >\$5,000,000 (Public funding: Funding for the study was foundation grant money)

Related Information: Costs are for real estate acquisition, so would be variable.

Was a green vs. grey cost analysis performed? No

Cost impact of conserving green/open space to the overall costs of the site design/development project: The project brief includes both, but I would expect the addition of the stormwater BMPs to add little additional cost.

Cost impact of conserving green/open space for stormwater management over traditional site design/site development approaches (grey infrastructure)? Did not influence costs.

Number of jobs created: Not available

Job hours devoted to project:

Planning and Design: 80

Construction: Not applicable

Annual Maintenance: Not applicable

Other:

Performance Measures

Community & economic benefits that have resulted from the project: The community

benefits are an additional increment of youth sports space will be built.

Additional Information

Links to images: <http://www.flickr.com/photos/8913835@N04/5526476783/>

<http://www.flickr.com/photos/8913835@N04/5526481491/>