

**Memorandum**

SAN DIEGO REGIONAL  
WATER QUALITY  
CONTROL BOARD

To: Mike Porter, San Diego Regional Water Quality Control Board

From: Matt Moore, URS Corporation

November 12, 2009

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**Subject: Trash BMPs for Bridge – Gregory Canyon Landfill**

The purpose of this memorandum is to provide a response to the San Diego Regional Water Quality Control Board (RWQCB) regarding inquires on documentation of trash control Best Management Practices (BMPs) for the proposed Gregory Canyon Landfill (GCLF) bridge.

The Construction Storm Water Pollution Prevention Plan (URS, 2008a) and Stormwater Quality Management Plan (URS, 2008b) provide information on construction and post-construction stormwater quality measures proposed for implementation of the landfill and associated bridge crossing of the San Luis Rey River. Both of these documents are on file with the RWQCB, and were part of the application package for the 401 certification.

Trash and debris generated during the construction phase of the project will be addressed with appropriate BMPs identified in the construction phase Storm Water Pollution Prevention Plan (SWPPP) for the project. The Stormwater Management Plan (SWMP) for the project lists trash/debris as pollutants that are anticipated to be generated from the project (SWMP Section 4, Table 7) during the operation phase of the project.

Anticipated wind blown trash BMPs for the project consist of fencing along the bridge to capture wind blown trash from entering the river on the bridge. Figure 1 belows shows a typical trash capture fence for landfill applications that could be utilized along the bridge for the project. Note that the height of the fence will be approximately 12 feet above a 3 foot concrete barrier on the bridge for a total height of 15 feet. The fence will be curved in towards the bridge deck to assist with trapping wind blown trash.

References:

URS 2008a. Storm Water Pollution Prevention Plan for Gregory Canyon Landfill, March 10, 2008. Prepared by URS Corporation.

URS 2008b. Stormwater Management Plan for Gregory Canyon Landfill, September 22, 2008. Prepared by URS Corporation.

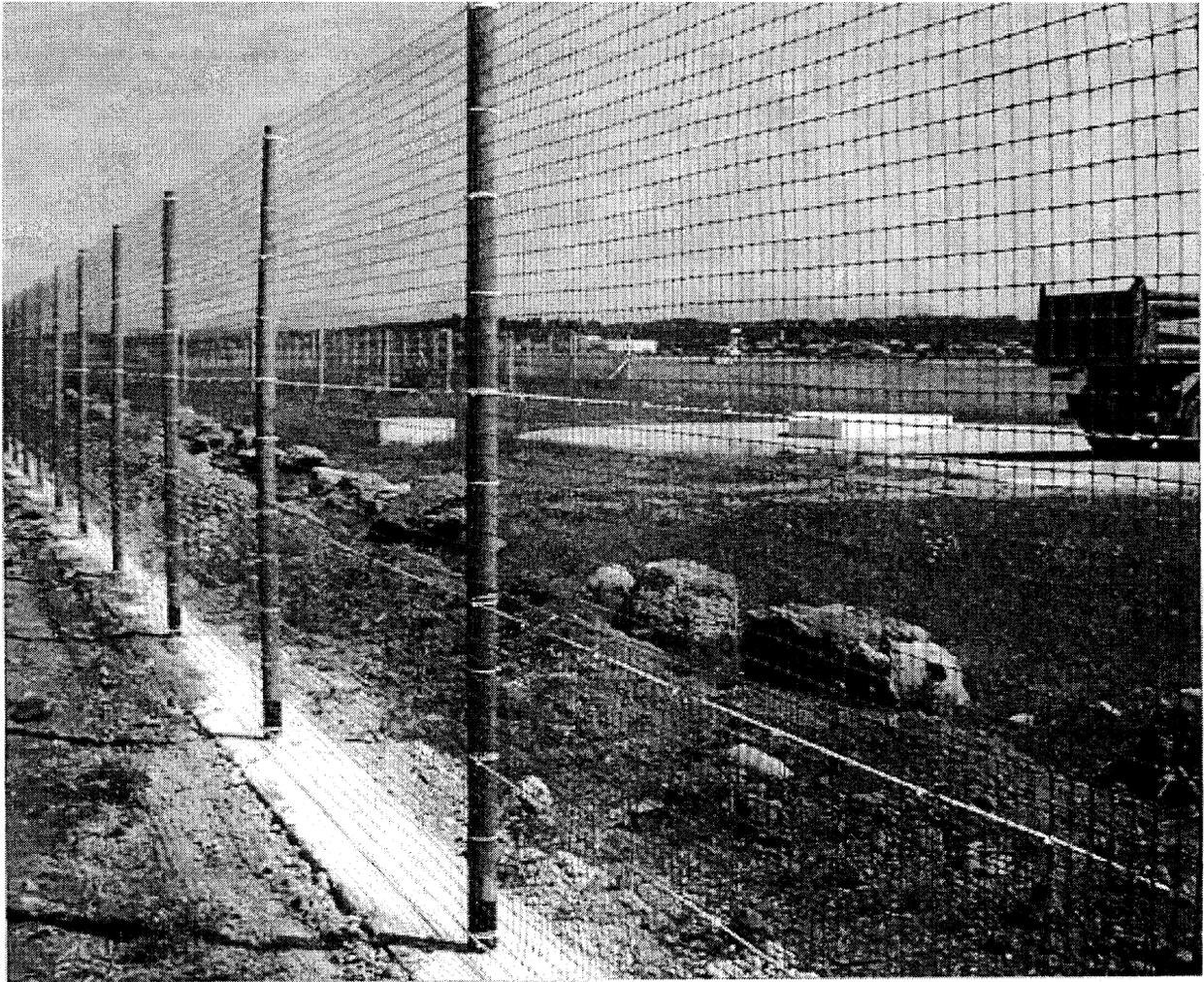


Figure 1. Typical Trash Control Fence for Landfill Applications.

Note: Height to be 12 feet above a 3 foot concrete barrier on the bridge for a total height of 15 feet. Top of fence to be curved inward to assist with trash collection.

Source: <http://www.us-fence.com/HTML/trash.html>