

LOS ALAMITOS LANDFILL

Third Party Review
Los Angeles County, California

Client:

US Bureau Veritas
1565 MacArthur Blvd.
Costa Mesa, CA 92626

Contract Value:

\$20,000

Performance Period:

2007

Technical Areas:

- Geotechnical Engineering, Geology, and Hydrogeology
- Solid Waste

Successes:

Reduced construction costs

Obtained approval of design from Regional Water Quality Control Board



BACKGROUND

Approximately 12 unlined trenches were used for the disposal of over 200,000 CY of municipal solid waste at the Los Alamitos Joint Forces Training Base in Los Angeles County from the 1940's to the 1980's. The selected and approved approach for final closure of the trenches includes excavating the waste and placing it into a newly constructed cell.

SES ROLE

SES performed third party review of the design of the new cell. The work included reviewing the following documents

- Design Calculations
- Technical Specifications
- Construction Drawings
- Construction Quality Assurance Plan
- Storm water Pollution Prevention Plan
- Closure and Post-Closure Maintenance Plan

In addition, SES attended review meetings with the client, designer and regulatory agencies (Regional Water Quality Control Board, Local Enforcement Agency) and suggested alternative designs to reduce overall construction costs.



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