

# Projects

ERRG was awarded a competitively bid 8(a) contract to design/build the Landfill No. 2 Southern Expansion at the Marine Corps Air Ground Combat Center (MCAGCC) located near Twentynine Palms, CA. This project will create an 8.5 acre Class III landfill facility for handling the disposal of organic and inorganic waste generated at the base.



Design criteria for this project will include the Joint Technical Document (JTD), Title 27 of the Code of Federal Regulations (CFR), Title 40 of the CFR, Section 258 (Subtitle D), Solid Waste Association of North America Requirements, and numerous UFC regulations.

The new Class III landfill will include a double composite liner with leachate collection, access roads, storm drainage, and a new 400 square foot landfill operations office. The liner will include a Geosynthetic Clay Liner (GCL), 60-mil High-Density Polyethylene (HDPE), and several Geotextile layers.

Priorities for the new landfill facility include:

- Provide an environmentally sound expansion cell to the existing landfill.
- Design and construct a new cell liner, leachate collection system, stormwater collection system and office space.
- Comply with all existing permits for Landfill No. 2 Southern Expansion and obtain all new permits needed for the expansion.
- Provide in the design and construction future extensions of the liner for additional expansions.
- Design and install a new Fats, Oils, and Grease (FOG) dewatering area.
- Provide a Wet Waste Study to demonstrate the feasibility of placing wet waste (<50% liquids by volume) in the lined section of Landfill No. 2.

## Design/Build Landfill Expansion, Twentynine Palms, CA

### SUMMARY

**Owner**

Dept. of the Navy  
Southwest Division

**Location**

Twentynine Palms, CA

**Award Date**

September 2008

**Actual Completion Date  
or Projected Completion Date**

Ongoing

**Award Amount**

\$6,499,507

**Final Contract Price**

\$6,499,507

**Services Provided**

Design/Build  
Construction  
Leachate Collection  
Permitting  
Landfill Liner



**Engineering/Remediation Resources Group, Inc.**

Office Locations > Martinez, San Francisco, Los Angeles, Tustin, Seattle, Portland, Honolulu  
Website > [www.errg.com](http://www.errg.com)