

GEOTECHNICAL AND CONSTRUCTION SERVICES

SERVICES

Geotechnical:

- ◆ Slope Stability Studies
- ◆ Pavement Design
- ◆ Foundation Design
- ◆ Retaining Wall Design
- ◆ Shrink/Swell Soil Studies
- ◆ Foundation Distress Studies
- ◆ Footing Inspections
- ◆ Foundation Crack Monitoring

Construction Services:

- ◆ Landfill Liner/Cap Systems (QA/QC)
- ◆ Sub-grade Inspections
- ◆ Foundation Inspections
- ◆ Borrow Source Studies
- ◆ Field Soil Testing/Mobile Laboratory
- ◆ Concrete Testing

Soils Laboratory Testing:

- ◆ Soils Classification
- ◆ Moisture Content
- ◆ Specific Gravity
- ◆ Atterburg Limits
- ◆ Soil and Aggregate Sieve/
Hydrometer Grain Size Analyses
- ◆ Flexwall/Rigid Wall Soils
Permeability Testing
- ◆ California Bearing Ratio
- ◆ Direct Shear
- ◆ Consolidation



Draper Aden Associates believes that construction quality control and quality assurance (QC/QA) is not just a regulatory requirement, but perhaps the most vital component of a project. It is through quality control that your investment dollars are protected, and your project is assured of being implemented in the manner intended.

Quality control is a very specific goal in the construction environment and should meet or exceed stated requirements - the first time and in every phase or construction event. Therefore, our commitment is to provide construction QC services in a manner that ensures contract requirements are met initially, not eventually.

Our team of certified and college-educated field technicians are experienced in all aspects of construction management. Because our technicians thoroughly understand construction techniques, construction materials and testing methods, they can accurately represent construction documents, minimize construction delays and enhance project efficiency, all of which minimize construction costs.

Draper Aden Associates' Soils Laboratory is one of the largest of its kind in the region. We have provided laboratory services for over 100 different landfill construction projects with over 1,500 acres of landfill liner and cap tested. Our state-of-the-art permeability testing equipment allows rapid turnaround time, which is essential for large, fast-paced construction projects.

SUPPORT SERVICES

- ◆ Ecological Services
- ◆ Environmental Services
- ◆ Geographic Information Systems
- ◆ Geological/Hydrogeological Services
- ◆ Site Planning and Engineering
- ◆ Solid Waste Management
- ◆ Structural Engineering
- ◆ Subsurface Utility Engineering
- ◆ Surveying
- ◆ Telecommunications Engineering
- ◆ Transportation Engineering
- ◆ Utilities/Civil Engineering



Draper Aden Associates

Engineering • Surveying • Environmental Services

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