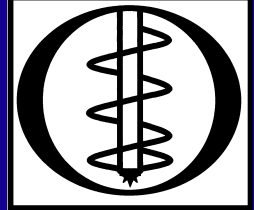


CCGI

Specialty Geotechnical Contractors and Consultants



CREATIVE CONCEPTS GROUP, INC.

Newsletter

December, 2004, Vol 33

**Design / Build &
Value Engineering
Specialists**

Systems:

Drilled Steel Displacement Piles

Patent Pending

Pressure Grouted Option

Helical Piles

Auger Cast Piles

Displacement Piles

Caissons

Mini Piles, Pin Piles

Hollow Core Anchors

Rock Anchors

Pre-Drilling

Driven Piles

Tower Foundations

Grouting:

Pressure Grouting

Compaction Grouting

Soil Improvement

Void Filling

Underpinning Pile Systems

Retaining Systems

Soldier Piles & Lagging

Tiebacks

Soil Nails

Tangent Walls

Bulkheads

Haz-Mat Installations & Environmental Foundation Solutions (NO SPOILS)

802-R Mallet Hill Lane
Millersville, MD 21108

Phone: 410-923-9830

Fax: 410-923-5780

Website: ccgicorp.com

Project Profile: BGE Spring Gardens Plant (Federal Superfund Site)

Owner: Baltimore Gas & Electric

General Contractor: Cianbro

Special Training: All personnel 40 hour Haz-Wopper Certification

System: Drilled Steel Displacement Piles (Grouted)

Foundation Issue: Soft soils require the use of deep foundations.

Special Conditions: Contaminated soils prevent the use of drilled systems which produce spoils. Existing structures preclude the use of driven systems due to vibrations.

Solution: CCGI provided a Value Engineered solution consisting of Drilled Steel Displacement Piles (Grouted). This system provided all of the required compression, tension and lateral support required for the structure, while producing no spoils. In addition, the exterior grout encasement provided the additional protection required in the highly corrosive and contaminated soils.

Corporate News:

Systems:

- CCGI has started the patenting process on the "Pressure Grouted Drilled Steel Displacement Pile System" that has been so successful over the past several years. This system is ideal for hazardous contaminated sites, as it does not produce any spoil and can be installed in limited access and low headroom conditions.
- CCGI has recently expanded its capabilities in specialty **grouting** services through the acquisition of state of the art grout mixing and pumping equipment. The implementation of **colloidal** mixing plants and high pressure pumping systems gives CCGI a wider range of solutions in varied Geotechnical conditions for a given loading condition.

Personnel: CCGI is proud to announce Bryan Neumann has joined our corporate family as Senior Project Manager. His vast experience with specialty foundation installation and equipment adaptation brings great value to our firm and expands our capabilities. In addition, Lace Martin has joined us as Office Manager.

Training: CCGI has just completed additional **40-hour Haz-Wopper** training for field personnel. CCGI can now install all of our systems in contaminated soil conditions