

CTC GYPSUM STACK SINKHOLE GROUTING AND SEALING WHITE SPRINGS, FLORIDA

to the Core.
Integrity



PCS Phosphates
White Springs, FL

Contract Value:
\$2,100,000.00

Start Date:
July 2008

End Date:
December, 2008

Project Reference:
MoreTrench American
Corporation
Paul Schmall
(973) 627-2100



MDC provided multiple sonic and hollow stem auger crews to complete drilling, coring and sampling of the foundation soils and confining unit within the Hawthorn formation. The sinkhole repair procedures consisted of drilling, coring and sampling of the gypsum, foundation soils, confining unit within the Hawthorn formation, Suwannee River and Ocala Group limestones and infill within the erosion cavity, installing steel grout casings at various angles (0° to 50°) to the vertical, performing directional surveys in the inclined casings, high pressure injection of a specifically designed cement-based grout through the casing using the upstage method of grouting, i.e. grouting shall be undertaken while gradually extracting the casing in increments, using rotation, vibration and jacking as necessary, to fracture grout, encapsulate, seal and stabilize the cavity infill materials and/or voids

MILLER

DRILLING COMPANY

Certified by the Small Business Administration as a HUBZone Business

107 Helton Drive | Lawrenceburg, Tennessee 38464
(931) 762-7548

sales@millerdrilling.com
www.millerdrilling.com