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**ENGINEER'S SUPPLEMENTAL INSTRUCTION NO. FOUR (004)**  
**(Via Posting to FTP Site and Electronic Mail)**

TO: Wes Weaver  
John Jacob  
Jeff Burst  
**Weaver General Construction Co. (WGCC)**

DATE: January 14, 2011

FROM: Roger J. Sams, P.E.  
David R. Frisch, P.L.S.  
**GMS, Inc.**

RE: Harold D. Thompson Regional Water Reclamation Facility (HDTRWRF)-Phase 1  
**ENGINEER'S SUPPLEMENTAL INSTRUCTION NO. FOUR (ESI-004)**

This ESI-004 is being provided in regard to the placement of backfill material around foundation walls once the specified curing requirements of the concrete walls have been met. The geotechnical report prepared by H-P Geotech recommends backfilling around the walls with a granular, non-expansive backfill material sloped up from the base of the wall at an angle of at least 35° from vertical. Granular, non-expansive material consists of:

- Minus 2-inch material
- 12 – 35 percent passing No. 200 sieve
- Liquid limit less than 30
- Plasticity index less than 15

In accordance with the recommendations set forth in the geotechnical report, we request backfilling be accomplished in this manner. Backfilling at an angle of 35° from vertical requires backfilling to be accomplished at a ratio of 0.7 feet horizontal to 1.0 feet vertical, at a minimum. If there is any planned or desired deviation from the backfill specification set forth in the geotechnical report, please let us know prior to the work being accomplished.

cc: Lower Fountain Metropolitan Sewage Disposal District via Electronic Mail  
Fountain Sanitation District via Electronic Mail  
Colorado Centre Metropolitan District via Electronic Mail