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DATE: August 2, 2013

## ENGINEER'S SUPPLEMENTAL INSTRUCTIONS NO. TWENTY-SEVEN (27) (Via Posting to FTP Site and Electronic Mail)

- TO: Wes Weaver John Jacob Jeff Burst Weaver Construction Management, Inc. (WCMI)
- FROM: Mark A. Morton, P.E. Roger J. Sams, P.E. GMS, Inc.

RE: Harold D. Thompson Regional Water Reclamation Facility (HDTRWRF)-Phase 1 ENGINEER'S SUPPLEMENTAL INSTRUCTIONS NO. TWENTY-SEVEN (ESI-027)

This ESI-027 provides additional information on work items required for this project. Each work item is broken out below in a separate section to clearly identify the work requirements. Refer to the list of attachments at the end of this ESI-027 for an itemization of other documentation attached hereto.

1. Safety signage at the digester and aeration basin entry points.

Provide DANGER signs across the eight entry points of the digester and aeration basins. This includes six walkway stair entry points and two mixer landing entry points. The attached project drawing AB-6 Walkway Plan illustrates these eight sign locations. The signage shall be suspended with chains across the top and mid-rails of the entry points. The materials and installation requirements of the signs shall be in accordance with the attached detail 3/AB-7 Typical Signage Detail and its referenced detail 1/DL-3 Typical Handrail Detail previously issued.

2. Piping interconnects between digested sludge discharge and thickened waste activated sludge pipes.

Install valved interconnecting piping between the digested sludge discharge and thickened waste activated sludge pipe risers at the southeast corner of the Biosolids building. This valved interconnection will allow the transfer of contents from one aerobic digester basin to another. It will also provide a liquid load-out point of connection. The attached detail 1/BH-6 Partial View – Process Equipment and Piping Plan illustrates the planned location of the piping modification behind the polymer equipment. Attached section C/BH-7 Partial View Pump Piping Section illustrates the details of the valve and piping requirements for this interconnect.

ESI-027 August 2, 2013 Page 2

If you should have any questions or desire additional information, please contact our office at your earliest convenience.

- Attachment: Project Drawing AB-6 Typical Signage Detail 3/AB-7 Partial view of Process Equipment and Piping Plan 1/BH-6 Partial view of Pump Piping Section C/BH-7
- ec: Lower Fountain Metropolitan Sewage Disposal District Fountain Sanitation District Colorado Centre Metropolitan District
- cc: Jerry Miller, GMS, Inc. David R. Frisch, P.L.S., GMS, Inc.







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