## GMS, INC.

## CONSULTING ENGINEERS 611 NORTH WEBER, SUITE 300 COLORADO SPRINGS, COLORADO 80903-1074

TELEPHONE (719) 475-2935 TELEFAX (719) 475-2938

EDWARD D. MEYER, P.E. ROGER J. SAMS, P.E. GREGORY R. WORDEN, P.E. THOMAS A. McCLERNAN, P.E. KEN L. WHITE, P.L.S. DAVID R. FRISCH, P.L.S. MARK A. MORTON, P.E. JASON D. MEYER, P.E.

December 22, 2011

Mr. Wes Weaver, President Weaver Construction Management, Inc. 3679 South Huron Street, Suite 404 Englewood, CO 80110 Via Email to: wes@weavergc.com No Hard Copy to Follow

Re:

Harold D. Thompson Regional Water Reclamation Facility (HDTRWRF)

Lower Fountain Metropolitan Sewage Disposal District (LFMSDD)

Dear Wes:

Reference is made to your shop submittal identified as follows:

Submittal Nos.:

05500-005B

Date of Submittal:

December 15, 2011

Title:

Aeration Basin/Digester Structure, Clarifiers and Pumping and

Disinfection Building Handrail System

Specification Section:

05500 - Metal Fabrications

Manufacturers:

Rocky Mountain Railings; Alcoa Distribution and Industrial

Products; Marson; Tnemec Company Incorporated; Hilti, Inc.;

Rice Engineering

The referenced submittal has been stamped "No Exception Taken" and "Submit Specified Item". Our comments are as follows:

- 1. No exception is taken to the shop submittal response; however, the following comment addresses additional requirements not previously noted.
- 2. The Owner requests the tees placed at the top of the handrail at each post around the clarifier be replaced with a cross. The top of the cross is to be capped with a watertight plug to preclude moisture getting into the post tubing.
- 3. The radius of the handrail is approximately 30'-8". We request the supplier/manufacturer provide a statement indicating the deflection at each post meets the manufacturer's recommendations for installation of handrail around a 30'-8" radius and indicate whether the design calculations apply to a handrail installed in this manner. **Submit Specified Item.**

Mr. Wes Weaver December 22, 2011 Page 2

Please call if you should have any questions.

Sincerely,

David R. Frisch, P.L.S.

Said R. Frisch

DRF/kmw

ec (letter only):

Mr. Jim Heckman, Manager, LFMSDD, Ifmanager@lfmsdd.org

Ms. Cindy Murray, Office Manager, Fountain Sanitation District, fsdistrict@fsd901.org

Mr. Jeff Burst, Project Supt., Weaver Construction Management, Inc., jeff@weavergc.com

Mr. John Jacob, Project Mgr., Weaver Construction Management, Inc., john@weavergc.com

Mr. Tyler Ammerman, Weaver Construction Management, Inc., tammerman@weavergc.com

Ms. Leslie Brown, Weaver Construction Management, Inc., <a href="mailto:leslie@weavergc.com">leslie@weavergc.com</a>

cc: Mr. Jerry Miller, Resident Project Representative, GMS, Inc.