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February 20, 2013

Mr. Wes Weaver, President
Weaver Construction Management, Inc.
c/o Garney Construction
7911 Shaffer Parkway
Littleton, CO 80127

Via Email to: wes@weavercm.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 No.:	15400-010 (submitted by WCMI as 15400-001)
Date of Submittal:	February 11, 2013
Title:	Biosolids Building Drain Package
Specification Section:	15400
Manufacturers:	Reelcraft Industries; Jay R. Smith Mfg. Co.

The referenced submittal has been stamped "***No Exception Taken***", "***Make Corrections Noted***", "***Rejected***" and "***Revise and Resubmit***". Our comments are as follows:

1. This submittal was originally numbered by WCMI as 15400-001. As that shop submittal number has already been used, we have renumbered this submittal to 15400-010. Please adjust your records accordingly.
2. We take no exception to the use of cast iron pipe as previously submitted in Shop Submittal No. 15150-001. Note that the only "above grade" cast iron pipe used in the Biosolids Handling Complex is that required to stub up vent piping to just above finished floor elevation for transitioning pipe material. From this transition point, vent piping shall be constructed with PVC pipe similar to that done in other buildings throughout the site.
3. Hose reel: ***Rejected***
 - a. We recommend using the same hose and hose rack arrangement installed in other buildings throughout the site.
4. Trench drain system: ***Revise and Resubmit***
 - a. The trench drain of the Biosolids Handling Complex has been designed with dimensions identical to the trench drains of the Equipment Maintenance and Storage Building. The submitted product data is different than that used in the Equipment Maintenance Storage Building and does not indicate the total trench length proposed, the individual trench segments required for installation, pertinent elevation data or how the bottom outlet of each and every trench section would be handled. Therefore, to simplify the submittal and

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installation processes, we recommend the use of the same trench drain system that was installed in the Equipment Maintenance and Storage Building.

5. 8½-inch round top floor drain: **Make Corrections Noted**
 - a. The size of the outlet pipe connection has not been indicated on the submitted documents. It appears the 4-inch outlet size is appropriate for this particular floor drain. Please verify and make the appropriate correction.
6. 12-inch round top floor drain: **Make Corrections Noted**
 - a. The size of the outlet pipe connection has not been indicated on the submitted documents. It appears the 6-inch outlet size is appropriate for this particular floor drain. Please verify and make the appropriate correction.
7. 15-inch round top floor drain with 8-inch outlet: **Make Corrections Noted**
 - a. The submitted data sheets indicate both a threaded outlet and caulk outlet connection. Based on the submitted threaded by no-hub adapter, it appears the caulk outlet configuration is not required. Please verify and make the appropriate corrections.
8. Two floor cleanout assemblies: **Rejected**
 - a. The first cleanout assembly data sheet indicates an outlet pipe size of 2" through 5". The project Drawings indicate the requirement of only a 6" and 8" outlet pipe size.
 - b. The second cleanout assembly data sheet is only rated for foot and medium load wheeled traffic. As the 6" cleanout on the project Drawings is located in the cake storage area, it will be subject to truck traffic. Please provide a cleanout assembly that is traffic rated for AASHTO H20 loading.

Please call if you should have any questions.

Sincerely,



Mark A. Morton, P.E.

MAM/kmw

ec (letter only):

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

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

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

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

Mr. Adam Roeder, Weaver Construction Management, Inc., aroeder@weavercm.com

Mr. Gerardo Gomez, Garney Construction, ggomez@garney.com

Ms. Solange Huggins, Project Engineer, Garney Construction, shuggins@garney.com

cc (letter only): Mr. Jerry Miller, Resident Project Representative, GMS, Inc.