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April 23, 2012

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 No.:	11312-002A
Date of Submittal:	April 3, 2012
Title:	WAS End Suction Pumps: 2" B5441
Specification Section:	11312 – End Suction Centrifugal Pumps
Manufacturer:	Fairbanks Morse; Chesterton; Davis Industrial Coatings; The Falk Corporation; Nidec Motor Corporation; Sensata Technologies; Emerson Motor Technologies; Valspar Corp.

The referenced submittal has been stamped "***Make Corrections Noted***". No additional information or resubmittal is required on these items, unless requested in the items below. Our comments are as follows:

1. We acknowledge the Fairbanks Morse response letter, responses 1.1. through 1.4. and responses 2) through 8).
2. In reference to response No. 1.4. regarding the pump motor suitability for use with a VFD, there appears to be some confusion based on typographical errors. The intent of the previous review comment was to verify the pump motors would be suitable for VFD operation should the motor starters be replaced with a VFD in the future. The submittal data indicates the pump motors are inverter duty motors which infers they are suitable for use with a VFD. WCMI has acknowledged this in their review comments. Should the pump manufacturer know of any reason the submitted motors are not suitable for use with a VFD, please return written notice to that affect.
3. For response No. 2) regarding the counterclockwise rotation and discharge position No. 15 of the submitted pumps, Fairbanks Morse has requested Contractor verification. WCMI has verified these items to be correct in their review comments; however, the discharge position and rotation has not been indicated on the submittal drawings. It is requested the O&M submittal documents for these pumps include the rotation and discharge position provided for the pumps.

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4. For response No. 3) regarding field coordination for all pump connections to ensure the proper dimensions and elevations of associated piping, Fairbanks Morse response letter has requested Contractor verification. WCMI has acknowledged this responsibility to be their own.
5. WCMI has commented that Fairbanks Morse has excluded field performance testing even though it is required by the project specifications. This is an item that can be worked out by WCMI and its supplier to ensure all specification requirements are met.

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, fsddistrict@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. Tyler Ammerman, Weaver Construction Management, Inc., tammerman@weavercm.com

Ms. Leslie Brown, Weaver Construction Management, Inc., leslie@weavercm.com

cc: Mr. Jerry Miller, Resident Project Representative, GMS, Inc. (w/attachment)