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.

January 3, 2013

Mr. Wes Weaver, President Weaver Construction Management, Inc. 3679 South Huron Street, Suite 404 Englewood, CO 80110

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.:

11317-001

Date of Submittal:

December 28, 2012

Title:

Submersible Well Pumps SWP-1

Specification Section:

11317

Manufacturers:

B/W Controls; Ametek Automation & Process Technologies;

Regency Wire & Cable; CentriPro; Goulds Water Technology;

Cresline Plastic Pipe Co., Inc.

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

- 1. We acknowledge the Additional Submittal Review Comments provided by Weaver Construction Management, Inc. (WCMI).
 - Additional Review Comment No. 1 indicates the submittal is based on a Grundfos Model 5GS05 submersible pump. In review of the shop submittal, it appears the submersible pump is a Goulds pump, not a Grundfos pump.
- The nylon air line tubing is noted as being 1/4-inch in diameter with a burst pressure of 2500 psi which generally meets the project specification. Please provide clarification as to whether the 1/4inch refers to "inside" diameter or "outside" diameter. Submit Specified Item
- Series 1500 B/W Controls Induction Relays: No Exception Taken
- Ametek Automation & Process Technologies 1500-C Relay: No Exception Taken
- Ametek Automation & Process Technologies Enclosures: No Exception Taken
 - No enclosure has been identified on the submittal sheet provided. The Additional Submittal Review Comments indicate a NEMA 4 enclosure is to be provided. Based upon the Additional Submittal Review Comments, we take no exception NEMA Type 4 enclosure.

- 6. Regency Wire & Cable Heavy Duty-Flat Jacketed-Type THW Cable: *No Exception Taken*
- 7. CentriPro Generation II Motor and Goulds 5GS Submersible Pump: Rejected, Revise and Resubmit
 - a. The submersible pump does not meet the design criteria provided in the project specifications. Conform to the project specifications.

Please call if you should have any questions.

Sincerely,

David R. Frisch, P.L.S.

David 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@weavercm.com

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

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

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

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