WEAVER CONSTRUCTION MANAGEMENT, INC.
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Englewood, CO 80110
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SUBMITTAL TRANSMITAL

October 26, 2011
WGC Submittal No: 14555-001.A

PROJECT: Harold Thompson Regional WRF
Birdsall Rd.
Fountain, CO 80817
Job No. 2908

ENGINEER: GMS, Inc.
611 No. Weber St., #300
Colorado Springs, CO 80903
719-475-2935 Roger Sams

OWNER: Lower Fountain Metropolitan
Sewage Disposal District
901 S. Santa Fe Ave.
Fountain, CO 80817
719-382-5303 James Heckman

CONTRACTOR: WesTech Engineering, Inc.
3665 S West Temple
Salt Lake, UT 84115
801-265-1000

SUBJECT: Submittal letter addressing review of the WesTech Shaftless Spiral Conveyor

SPEC SECTION: 14555 - Shaftless Screw Conveyor

PREVIOUS SUBMISSION DATES: 9/22/11

DEVIATIONS FROM SPEC: ___ YES _X_ NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver General Construction and approved with respect to the means, methods, techniques, & safety precautions & programs incidental thereto. Weaver General Construction also warrants that this submittal complies with contracted documents and comprises on deviations thereto:

Contractor's Stamp:	Engineer's Stamp:
Date: 10/26/11 Reviewed by: H.C. Myers (X) Reviewed Without Comments ( ) Reviewed With Comments ENGINEER'S COMMENTS:	

WESTECH
Municipal and Industrial Process Equipment

John Jacob
Weaver Construction Management
David Frisch
GMS

25 October 2011

The following are WesTech's comments to Submittals 14555-001 and 11332-001 and the 17 October letters addressing them.

Submittal No. 11332-001

Comments 2 and 3 dealt with the piping configuration with a ninety degree bend to add clearance near the dumpster and adding an additional flange connection to provide and easier removal of a section.

The attached revision "A" of the General Arrangement drawings (21393AB-D101) should address the issues that we discussed with Mr. David Frisch and where contained in the returned submittals.

Channel #2 - the piping has a ninety degree elbow up and the flange was added after the ninety degree elbow back to horizontal.

Channel #1 - the flange was added after the pipe support to allow removal of the section closets to the conveyor without disturbing the support of the discharge pipe run.

Submittal No. 14555-001

Comment 3 was about the discrepancy in our submitted information with 18 rpm on drawing and 16 rpm in cut sheets. That was our oversight – the drawing has been revised to have the 16 rpm inserted. See attached revision "A" of the General Arrangement drawings (21393AB-D101).

Comment 4 had to deal with the calculations. A summary sheet was enclosed two pages before the Enclosure fly leaf page.

- *It was not identified in the Table of Contents as Spiral Calculations, which is our mistake.*
- It does show the SK3282 gear box meets the torque requirement and a minimum of 1.1kw required power (we supplied a 1.5 hp which meets the 1.1 kw).
- It does have the spiral strength calculation results shown. If a detailed or expanded layout of the program used for these calculations is required I will contact our engineer who did the calculations.

If you have any questions, comments or need additional information, please contact me.

Regards

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