From: <u>Greg Wright <greg@kwru.com></u>

To:	<u>'Ed Castle'edrcastle@me.com</u>
	<u>'Chris Johnson'chris@kwru.com</u>
CC:	<u>'Steve Suggs'ssuggs@weilerengineering.org</u>
Date:	3/14/2018 2:36:59 PM
Subject:	RE: 17-160 - KWRU WWTP Filter Replacement - Holiday Testing

Ed,

CROM would be testing the entire tank including the bottom, correct? If so, then all we have to check for onsite is the shipping damage (besides the bottom)?

To clarify, you are suggesting forgoing the CROM testing and do it all on site (besides the bottom)?

-Greg

From: Ed Castle [mailto:edrcastle@me.com]
Sent: Wednesday, March 14, 2018 1:41 PM
To: Greg Wright <greg@kwru.com>; Chris Johnson <chris@kwru.com>
Cc: Steve Suggs <ssuggs@weilerengineering.org>
Subject: Fwd: 17-160 - KWRU WWTP Filter Replacement - Holiday Testing

Chris and Greg,

I think holiday testing is a very good idea. We intend to do some when the filters are delivered, looking for shipping damage that can be touched up. Field testing the whole thing is not practical. Testing the bottom would be tough. I can't have a guy working underneath while the filter is hanging from a crane.

If the coating is not good, we would probably pick up holidays all over, and could assume that the bottom coating was also bad. But getting the whole thing re-coated would cause a significant delay. Touch-up of damage from shipping could be done onsite.

Anyway, it is your call if you want to do a change to get the holiday testing done prior to shipping. If you choose not to, we can test everything but the bottom onsite. If it tests good, we can be pretty confident that the bottom is good as well.

Let me know how you want to proceed.

Edward R. Castle, PE Weiler Engineering Corporation Begin forwarded message:

From: James Contino <jcontino@whartonsmith.com> Subject: 17-160 - KWRU WWTP Filter Replacement - Holiday Testing Date: March 14, 2018 at 10:26:58 AM EDT To: "ssuggs@weilerengineering.org" <ssuggs@weilerengineering.org> Cc: "Ed Castle, P.E. (edrcastle@me.com)" <edrcastle@me.com>, Edgar Gonzalez <egonzalez@whartonsmith.com>, Erica Marnati <emarnati@whartonsmith.com>, Jean Laine <jlaine@whartonsmith.com>

Steve,

Attached please find the following with regards to the above subject:

• COP No. 02 – Low Voltage Holiday Testing

Let me know if you have any questions.

Sincerely,

James M. Contino | Project Manager Wharton-Smith, Inc. | Construction Group of Choice | www.whartonsmith.com

125 W. Indiantown Road, Suite 201, Jupiter, FL 33458 Office: (561) 748-5956 Ext. 2321 | Cell: (561) 354-8786 | Fax: (561) 748-5958