

From: Russell Schreiber
Sent: Thu, 5 Apr 2012 12:59:23 -0500
To: Crawford, Susan
Cc: Daniel Nix; Dean Hinton
Subject: Re: FW: generic info on direct potable reuse

Susan

you are exactly right. The RO was for Chloride removal at Big Spring. Also our thoughts on the nitrates is the creation of an Anoxic Zone at RRWWTP. We believe this will reduce our nitrates to below 10ppm and once blended with surface water, we should be able to accommodate this potential problem.

On Thu, Apr 5, 2012 at 11:47 AM, Crawford, Susan <CrawfordSL@cdmsmith.com> wrote:

I agree Russell. The only reason RO was ever discussed on your project is due to nitrate reduction and reduction of some of the secondary MCLs. You would address the nitrate issue at the WWTP and address secondary MCL with blending (both of which are allowed). All of which TCEQ agreed to previously.

From what I've read on Big Spring, they have much higher chloride and TDS levels so they proposed RO as a benefit to get these values down prior to blending. I think they also played up the "unregulated" parameters like endocrine disrupters, etc. Thus, I think we can differentiate Wichita Falls from the others.

From: Russell Schreiber [mailto:russell.schreiber@wichitafallstx.gov]
Sent: Thursday, April 05, 2012 11:15 AM
To: Crawford, Susan
Cc: Daniel Nix; Dean Hinton
Subject: Re: FW: generic info on direct potable reuse

Susan

You are exactly right. We do not want them to try and hem us in and treat us similar to Brownwood and or Big Spring. However, Big Spring's project is actually closer to what we are proposing, yet they have a very similar treatment process as Brownwood, that being Filters, MF, RO, UV, etc.

Daniel and I are brainstorming some counter arguments should the TCEQ try and steer the meeting down this path, which is what I think they will do. Daniel spoke with F&N, Big Spring's engineer, and there are some real differences between our project and theirs. We plan to try and focus on the differences between the others wastewater and potable water treatment processes compared to ours, as well as our staff's capabilities and certifications. We also plan to try and drive home the fact that this project is essentially approved. We also are going to try and define this as an Alternative Water Supply Source, which may not make any difference, but it may move them away from the comparison of us to Brownwood.

On Thu, Apr 5, 2012 at 10:48 AM, Crawford, Susan <CrawfordSL@cdmsmith.com> wrote:

Russell,

If TCEQ is trying to handle your project similar to Brownwood, we simply need to explain that we are not proposing Direct Potable Reuse, as Brownwood is proposing (and is what the TCEQ generic text talks about). We are still interested in the Indirect Potable Reuse approach that has been on the table for the last 10+ years.

See attached draft Agenda for additional comments and things to think about.

Do we want to target a meeting location for next Wednesday at 3PM? I will be in presentation from 2-2:30 (coauthor) but can meet you all where you think is best (maybe a table at hotel bar so we can get in a quiet area?). Just let me know.

Regards,

Susan L. Crawford, P.E., BCEE | Senior Vice President

CDM Smith

8140 Walnut Hill Lane, Suite 1000 | Dallas, Texas 75231
[214.346.2800](tel:214.346.2800) office | [214.334.1101](tel:214.334.1101) cell

From: Russell Schreiber [mailto:russell.schreiber@wichitafallstx.gov]

Sent: Monday, April 02, 2012 10:59 AM

To: Crawford, Susan; Dean Hinton

Cc: Daniel Nix

Subject: Fwd: generic info on direct potable reuse

Susan/Dean

Attached is some comments and info Red sent to Daniel last week. As you read it you will notice TCEQ is trying to paint our project and handle us identical to Brownwood and Big Spring, however, I think our proposed project is much different, so along those lines if you guys can review the regs for anything that would help us counter their line of reasoning, or come up with any type of argument it would be beneficial.

Also attached is an agenda Daniel and I have put together. I intend to speak on these points during our meeting, so if you can review and come up with anything to add to each topic it would be good. My approach is to talk in general terms, not get bogged down in the details. What I hope to come away from this meeting is that they understand our project and we will have enough information and feedback from them as to the requirements to be able to put together accurate cost estimates, timelines, and engineering work required.

Remember this is just an idea at this point, there are numerous things that have to happen before we advance this project very far, such as council buy-in, funding, design and others. I know we need to move fast, but I don't want to get the cart ahead of the horse.

I have us meeting at TxWater on Wed at 3 and we can discuss this further.

Thanks

----- Forwarded message -----

From: **Daniel Nix** <daniel.nix@wichitafallstx.gov>

Date: Fri, Mar 30, 2012 at 5:02 PM

Subject: Fwd: generic info on direct potable reuse

To: Russell Schreiber <russell.schreiber@wichitafallstx.gov>

Russell,

Got this from Red today. We can talk about it next week.

----- Forwarded message -----

From: **James Weddell** <James.Weddell@tceq.texas.gov>

Date: Fri, Mar 30, 2012 at 4:58 PM

Subject: generic info on direct potable reuse

To: daniel.nix@wichitafallstx.gov

Cc: Joel Klumpp <Joel.Klumpp@tceq.texas.gov>

Daniel,

Wanted to send this to you. Talk next week if you have questions, but I think it will give you an idea of what the TCEQ is now looking for at direct potable reuse. This will help prepare at the meeting. Please understand this is a baseline, and WW effluent quality and the old pilot study might give the City some wiggle room. However, because it is labeled generic, it also gives us wiggle room to possibly require more stringent removal/inactivation.

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Daniel K. Nix

Public Utilities Operations Manager

City of Wichita Falls

Physical Address: 4801 Big Ed Neal Drive, Wichita Falls, Texas 76310

Mailing Address: P.O. Box 1431, Wichita Falls, Texas 76307

[940-691-1153](tel:940-691-1153) FAX: [940-691-4121](tel:940-691-4121)

Daniel.Nix@wichitafallstx.gov

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Russell Schreiber P.E

Director of Public Works

City of Wichita Falls Texas

[940 761 7477](tel:9407617477)

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