

From: [Linda Brookins](#)
To: [Joel Klumpp](#); [James Weddell](#); [Marlo Berg](#); [Ada Lichaa](#)
Subject: FW: Real Time Crypto/Giardia Testing
Date: Monday, July 29, 2013 9:42:20 AM

Folks,

We need to update the briefing materials based on where we are today. I have coordinated with IGR to brief legislative members of our progress. Thanks for your hard work on this project.

From: Russell Schreiber [mailto:russell.schreiber@wichitafallstx.gov]
Sent: Monday, July 29, 2013 8:24 AM
To: Linda Brookins
Cc: Kerry D Maroney; Daniel Nix; Shawn Garcia
Subject: Fwd: Real Time Crypto/Giardia Testing

Linda

Good talking to you and your team Thursday. I feel like we moved in a positive direction.

During our conf call on 7/18 the TCEQ stated their position for isolation of the DPR water from all facilities at Cypress was to cut the lines and create an air gap in all piping connecting the DPR water to any other facilities at Cypress. The City has responded to this particular topic in Question set #2, on 7/16, however, due to the difficulty of not only removing valves to create an air gap, but re-installation of the valves at a later date, our response to these questions did not include creating an air gap. Therefore we suspect our response will be considered inadequate.

You and I have had additional conversations related to this issue and it was discussed during our most recent conf call on 7/25. To summarize our discussions related to isolation of the DPR water from the remainder of the Cypress facilities during the FSV and normal operations of the DPR the City's position is as follows:

The purpose for the isolation is to protect the health and safety of the public. A threat to the health and safety of the public only exists if the DPR treatment process fails. Isolation of the DPR water during the FSV from ground storage facilities and any structure containing potable water on site will be achieved by removing the 42" 90 degree elbow on the 2010 transfer pump station. This will create the desired air gap and isolate the DPR from all potable water facilities.

Also all treatment facilities at the Cypress WTP will be off-line during the FSV. During normal operations of the DPR project, the 87 and 61 plants will remain off-line.

In addition to the isolation of the 61 and the 87 plant as described in question set 2, (weir gates closure), the City is prepared to open the drain valves in the parshall flumes of the 87 plant and the drain valves in the 61 plant settling basis. Any water that could unlikely escape the splitter box weir gates would flow directly into the open drain valves and into the Recovery well.

The TCEQ has not formally required the City to create an air gap on the Lake Kemp raw water line, but it was mentioned during the conf call on 7/18. Since this is a raw water line and has

no impact on the health and safety of the public water supply, it is planned to remain in place and no air-gap created. The line will be isolated by closing the 36" valve at the Flow Control Vault. It is important to note that water in the Lake Kemp raw water line will turn septic in a very short timeframe after it is shut -off, therefore, before it can be brought back on line the entire 15 miles of line will have to be flushed. In the unlikely event that DPR water happened to pass through the valve it will be flushed out prior to the Lake Kemp supply being reinstated.

We feel these actions will serve to preserve and protect the health and safety of the public drinking water and could be implemented with the very least amount of disruption or modifications to the Cypress WTP. I ask that you and your team please take this e-mail into consideration when evaluating the City's response to Question set # 2.

We will submit a revised plan sheet with these modifications once approved by the TCEQ. Kerry will also follow-up this e-mail with a formal letter response.

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