



## LRDM route and SEC

1 message

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Good afternoon Lisa,

Regarding the route for the LRDM and SEC:

In supplying water from the Filtration Plant to the LRDM with filtered water – no matter which route we took, connecting to the LRDM line would be going through the SEC H zone.

Alternatives routes were investigated, including taking a pipe back down the tunnel/shaft, underneath the SEC-H zone, and connecting at the bottom of the hill of the tunnel on Lusted Rd. Unfortunately, making a connection at this location would enter the water supply at a point of the LRDM that was deemed not acceptable by the PWB due to the water aging in the LRDM serving the customers to the north of such connection. Because of the fewer customers to the north of this connection point, and with the larger pipeline sizes, the length of residence time of the water in the pipes didn't comply with PWB standards for maintaining water quality. As a result, we have to connect to the "head" end of the LRDM which is just below the Lusted Hill site.

Therefore we are making a connection to the filtered water discharge pipe from the treatment plant at the intersection of Dodge Park Blvd/Cottrell Rd, using the Cottrell Rd corridor to get to the Lusted Hill facility and utilizing trenchless installation thru the SEC-H zone to the head end of the LRDM pipeline located at the bottom of the hill below the Lusted Hill facility.

Thank you,



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