



2018 BOND DEVELOPMENT QUESTION

Response to Request for Information

DEPARTMENT: AWU

REQUEST NO.: 23

REQUESTED BY: Alter

DATE REQUESTED: 06/14/18

DATE POSTED: 6/18/18

REQUEST: The Ullrich Water Treatment Plant is accessed by Austin Water using the Red Bud Trail Bridge. What parts of the city does the Ullrich Water Treatment Plant serve? What would be the potential impact to the city if the Ullrich Water Treatment Plant were to be offline? If the Red Bud Trail Bridge failed, would impact would that have on the Ullrich Water Treatment Plant and water delivery?

RESPONSE:

Ullrich Water Treatment Plant primarily provides water to South Austin but is interconnected to all areas of Austin. It is not uncommon for the plant to serve up to 50 percent of the city's water services, especially during peak summer season.

Austin Water's distribution system is interconnected and a short-term outage (less than 12hours) of Ullrich Water Treatment Plant can be managed with minimal impact to the customers. A long-term outage of the plant will cause low pressure and water outage in portions of South Austin. The Red Bud Trail Bridge project will not impact the operation of the plant other than a potential access issue for trucks (see below). As noted, failure of Red Bud Trail Bridge would not impact the operation of the plant. However, with this access eliminated, all heavy truck traffic would be routed through residential roads in the City of Westlake which currently restricts such traffic. It is uncertain whether Westlake roads are rated for sustained heavy truck traffic.

