



KRJ, Inc.

dba KRJ Utilities

P O Box 2369 ♦ Swansboro NC 28584
Phone: 919.827.8055

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N C Utilities Commission
Raleigh NC

Via e-file

In Re: Quarterly Report on Progress
W-1075 sub 12

Pursuant to Provision 14, page 31, of Order entered in the above docket on 6-Aug-2018, we submit the following report concerning progress in improvement of production of Southern Trace Well 2.

As reported in our 6-Apr-2019 report Quarterly Report: We reported that efforts had been made to acquire a full e-mail address list for our customers. This has not been particularly successful, as we only have e-mail addresses for approximately 60% of the customers, although we are obtaining them of new customers. Several attempts have been made to further this effort will little response from the customers. We also reported that we were attempting to make contact with the owner of an adjoining property that contains several un-used previously public water system wells in an attempt to acquire one or more of them and the appropriate easements for water lines to connect them to the Southern Trace distribution system. Our attempts to affect the acquisition were summarily rebuffed.

Our management contractor, Management Group of NC, is near roll-out of an e-payment portal that will allow us to better accumulate e-mail addresses, as customers use the e-payment system. They also continue to obtain e-mail addresses from new customers.

As reported in our 11-Jul-2019 report, Mr. Stafford has identified one potential location for another well within the environs of Southern Trace. That location is quite complex, however, as it will require the acquisition of a small well site and protective easements from multiple property owners, and the piping of a rather large drainageway away from the proposed wellhead location to clear the protective easement of potential sources of contamination. He has contacted an engineer familiar with permitting such a stream relocation but has not received any firm recommendation to date.

Mr. Stafford contacted a dowser with good reputation in the Triangle area for successful well placements. He confirmed that the lot that had been identified earlier was a potential for a well, but that the yield may be less than desired. Recently, we became aware of a change that had been made in 15A NCAC 18C .0203(4), specifically the addition of "The well shall not have greater than a one percent annual chance of flooding." which makes 100-year flood fringe areas potential sites for public water supply wells provided that the wellhead is protected from flooding. Mr. Stafford had a field meeting set with the dowser during the 3rd week of September to identify the flood fringe areas within Southern Trace. Unfortunately, Mr. Stafford was taken critically ill the weekend prior and could not attend. We are trying to re-schedule the field meeting for later this month.

We will continue to provide updates to the Commission, as required in the order, as the work is prosecuted and results quantified.

Respectfully

A handwritten signature in blue ink, appearing to read 'James R. Butler', with a stylized flourish at the end.

James R. Butler, Manager