



# BASTROP COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT #2

September 9, 2009

Attn: BCWCID # 2 Water Customers:

For the past several weeks, we have been receiving complaints for "brown water". Normally, as in the past, we would generally flush the system for several days to resolve the problem. This time the problem has lingered. We have identified water well no. 3 to be the source of the "brown water". The "brown water" is only affecting a section of the subdivision. We have been putting flush valve and flushing daily on those residents who are experiencing the worst. During this process, BCWCID No. 2 has been in contact with TCEQ.

Bastrop County WCID No. 2 has four water wells on the upper section of the water district. Water wells 1 & 2 provide water to the western part of the top section and wells 3 & 4 to provide water to the eastern portion. Water well 5 provides water to the lower section and has the ability to receive water from the top section. Below are the water well pumping rates for the various wells:

Water Well NO. 1	60 gpm
Water Well NO. 2	130 gpm
Water Well NO. 3	350 gpm
Water Well NO. 4	160 gpm
Water Well NO. 5	350 gpm

Water well No.3 is equal to the other three top wells (1, 2 &4). The loss of water well no. 3 is placing the water system in a stressful situation with the drought. With the reduced water supply, we are not able to keep water well no. 3 off-line. We are needing to pump as needed to maintain a water supply to all customers.

BCWCID No. 2 is taking steps to identify the problem. We have taken water samples from water well no. 3 last week for a complete water analysis. We are anticipating higher levels of iron and manganese. The samples were taken last week and the results should be received this week. If the iron and manganese levels are elevated, we will inject a polyphosphate (NSF Approved) to sequester the iron and manganese. This is being done in numerous water systems throughout Texas and is approved by TCEQ. Water Utility Chemicals is coming to BCWCID No.2 on Wednesday to review the system and determine the location of chemical injection, if needed.

If the problem is not chemical related, the water well pump/motor will be pulled and the well will be tested to determine any casing or liner pipe issues.

Bastrop County WCID No. 2 is also keeping in contact with the Lost Pines Ground Water District to see if the aquifer is getting low.

We are searching for answers and appreciate your patience.

Karen Pinard  
General Manager  
BCWCID #2

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