Buckman Direct Diversion Project

A joint regional project of the City of Santa Fe and Santa Fe County to build a reliable and sustainable water supply.

Date: **January 28, 2013**

To: **Buckman Direct Diversion Board**

From: **Gary C. Durrant, Chief Operator BDD** GCD

Re: **Update on BDD Operations for the month of January 2013**

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1. This memo is intended to update the BDD Board on BDD operations during the month of January.
   During January BDD diversions and deliveries have averaged, in Million Gallons Daily (MGD) as follows:

   a) Raw water diversions: 5.4 MGD
   b) Finished Drinking water deliveries through Booster Station 4A: 3.5 MGD
   c) Finished Drinking water deliveries through Booster Station 5A: 1.6 MGD
   d) Raw water delivery to Las Campanas at BS2A: 0.0 MG total. Note that Las Campanas has shut down water diversions since November 2012.

2. The BDD continues to provide most of the current water supply to the City and County. There has been a significant increase in On Peak pumping this month due to extremely cold water temperatures in the Rio Grande. It is so cold that when the sun goes down the water coming through the screens into the pump suction freezes onto the screens enough to start blocking them off. Operators are able to apply some air to them with the system designed to remove debris from the screens but the screens refreeze rapidly. So BDD pumps as much as possible Off Peak and the rest is during daytime hours and warmer temperatures.

3. This last week, starting on Tuesday the 22nd, the City requested that the BDD reduce flows to 3 MGD. The weather has been extremely cold and the City had been experiencing extensive freezing of service lines throughout the city. The city started pumping water from the Buckman well field because that water is coming out of the wells at as warm as 70 degrees. The city also wished to reduce the tank levels through the city so the water will not get cold waiting in the tank before it is used. This is continuing until further notice or significant warming.

4. The BDD diverted 6420 total acre feet of water thru the end the year 2012. Note: in the Water Resources Agreement the BDD is described as having a diversion capacity of 8730 acre feet annually.