

## Errol Rowland

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**From:** Pat Mulhern [pat@mulhernmre.com]  
**Sent:** Wednesday, November 09, 2011 5:00 PM  
**To:** Errol Rowland  
**Cc:** Mitch Chambers  
**Subject:** Water Use

Hi Errol,

We researched drainage basins further and find that the golf course is entirely within the Westerly Creek Drainage. Westerly Creek flows to Utah Park and then flows pretty much directly north to Sand Creek and from Sand Creek to the South Platte. Hence, it never flows into Cherry Creek. This makes the ability to use this as a replacement source for flow captured by State Parks in Cherry Creek Reservoir more difficult, but not impossible. It just means that more people would be involved in objecting to an augmentation plan.

I then checked into what State Parks has paid in the past for a lease of water, and found that they have generally paid \$250 per acre-foot or less. An acre-foot is 326,000 gallons so they are only paying \$.77 per thousand gallons which would not even cover your pumping costs. We usually figure that between electrical costs and maintenance costs, we are paying over \$1.50 to pump water out of even an Arapahoe Well. This obviously is not going to work.

That would bring you back to considering whether you could lobby for Aurora to let you provide irrigation water for the homes in your area. Given Aurora's position of trying to raise sufficient revenue to cover the cost of their capital investment in the Prairie Waters Project, I would be shocked if you could get that done. But even if you could, I think you will find that there would be substantial expense involved in hooking into the various water systems and then maintaining pressure in the systems off of a single well. Instead, you would probably need to build some storage and then a pump station at the storage with a jockey pump to maintain pressure in the system.

I know that you are a "never say never" group, but I see a lot of difficulties in this that may give you many more headaches than financial benefits.

We'll keep thinking of other ideas.

Pat