

Karl Davis and Pat Sorenson, Co-Chairs, Water Rights Committee

Executive Summary

1. Can we add an an "augmentation" beneficial use to our wells to provide water for augmentation?
2. Can we send that water to Canyon Lake and release it as a means to show our diligence in expanding our absolute storage rights?

What we propose today is that we better utilize our Well Group as part of our integrated water system and begin to incorporate Canyon Lake within our water system. The initial beneficial use we want to develop is to be able to use our well water for augmentation. This will allow us to release water from Big Elk Meadows and not deplete our lakes.

As you can see below, we have the right to pump tremendous amounts of water from our wells. We would like to get all of them assessed and pumping water or moved if there is any problem with their yield or water quality. We would also like to consider developing a deep well near the Stagecoach Well as a possible way of pumping water from the artesian spring that runs between Cedar and Aspen.

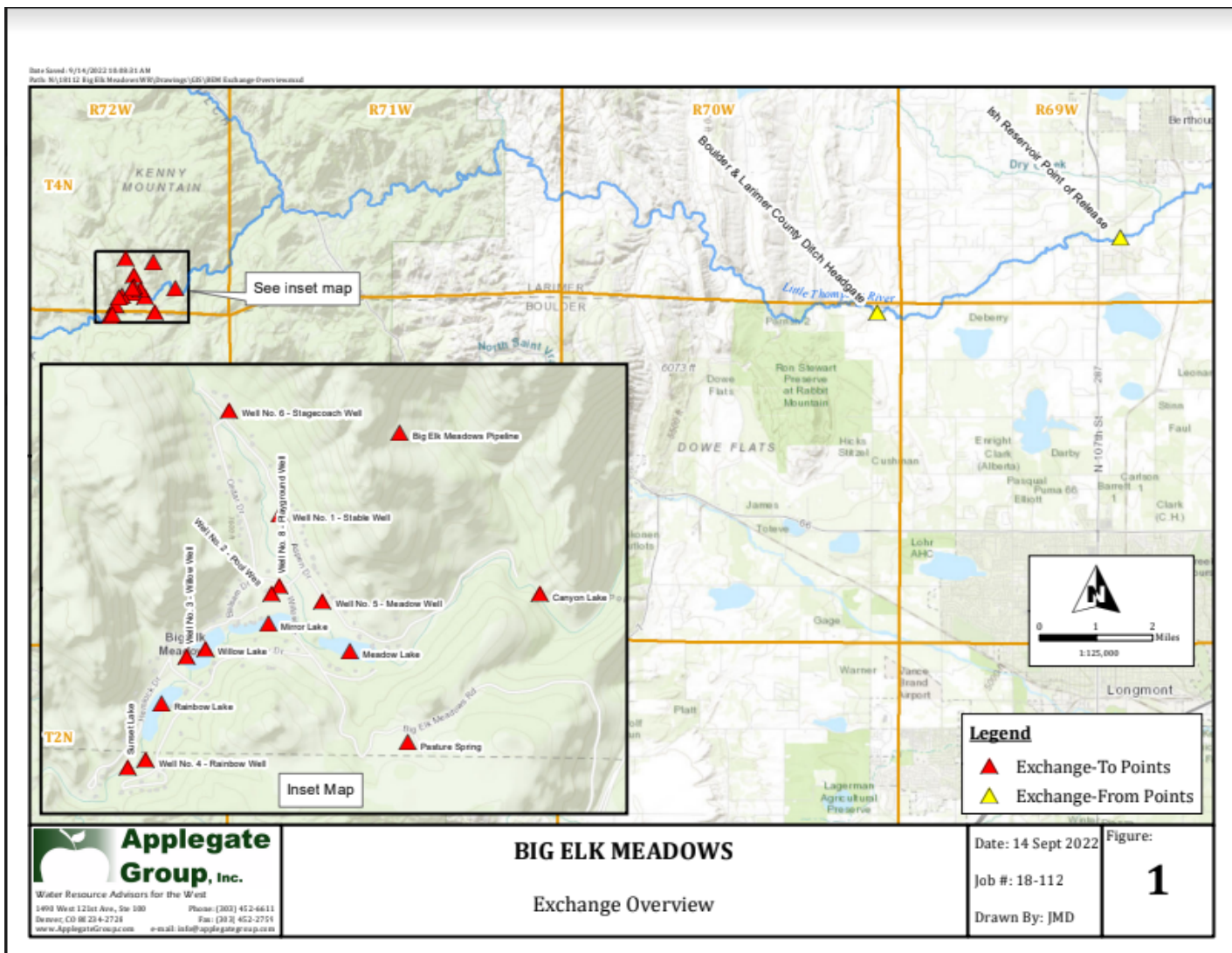
We want to pump well water into our lakes and onto Canyon Lake. Canyon Lake can't store water at this time. But we can demonstrate to the state that we have the ability to pump augmentation water into the area of BEM land that may someday be used for Canyon Lake. The benefit would be to expand our water storage as an absolute right. The Canyon Lake water is currently granted as a conditional right.

BEM Well Group Priority#: 44559.37569 (1971-72)

No.	Name	Appropriation Year	CFS Minute	Gal. per Minute
1.	Stable	1952	.049	23
2.	Pool	1952	.067	30
3.	Willow	1952	.078	35
4.	Rainbow		.073	33
5.	Meadow	1952	.067	30

6. Stagecoach 1939	.078	25
7. Caretaker 1905	.022	10
8. Playground 1952	.004	2
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	.438	188

.869 Acre Feet/Day. 270720 gallons per day
 317 Acre Feet per year



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BIG ELK MEADOWS
 Exchange Overview

Date: 14 Sept 2022 Figure: **1**
 Job #: 18-112
 Drawn By: JMD