



# GROSS RESERVOIR EXPANSION PROJECT

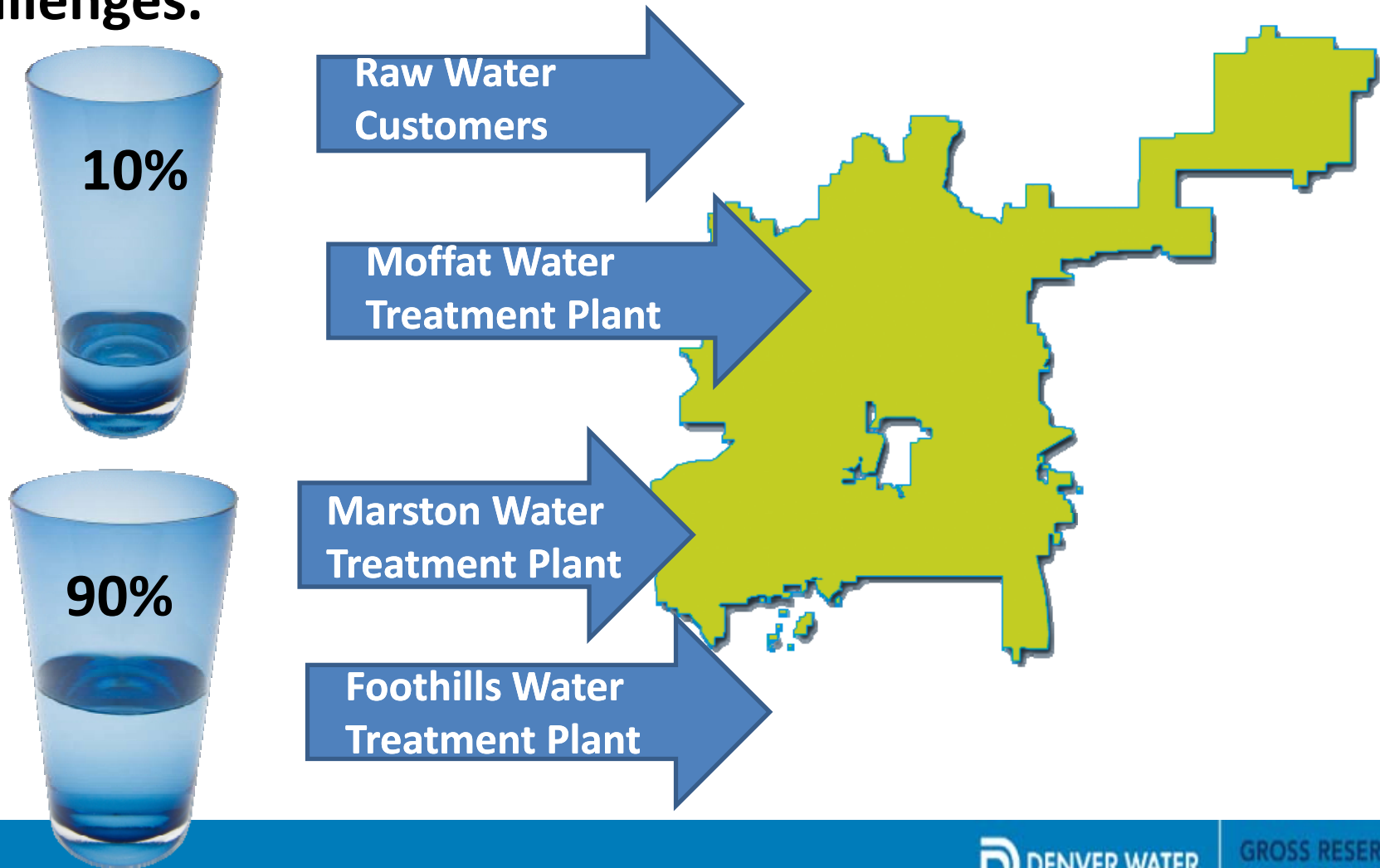
## A Community Primer

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**Gross Reservoir has supported regional water needs since 1954. When built it was designed for enlargement. The time is right to expand because without more storage, Denver could have water shortages by 2022.**



**Also, Denver Water's system has a north end and a south end. But 90 percent of the storage is in the south, causing a serious imbalance that creates distribution challenges.**



**Now, Denver Water has a plan to increase storage at Gross Reservoir, correcting the imbalance and increasing water storage.**

Measure	Current	Future	Change
Elevation	7,282 feet	7,406 feet	+124 feet
Capacity	41,811 acre-feet	118,111 acre-feet	+77,000 acre-feet
Surface Area	418 acres	842 acres	+424 acres

## Expanding Gross Reservoir will:

- Capture storage in wet years for use during dry years
- Help protect customers from future drought and shortfalls
- Guard against potential natural and human-caused disasters



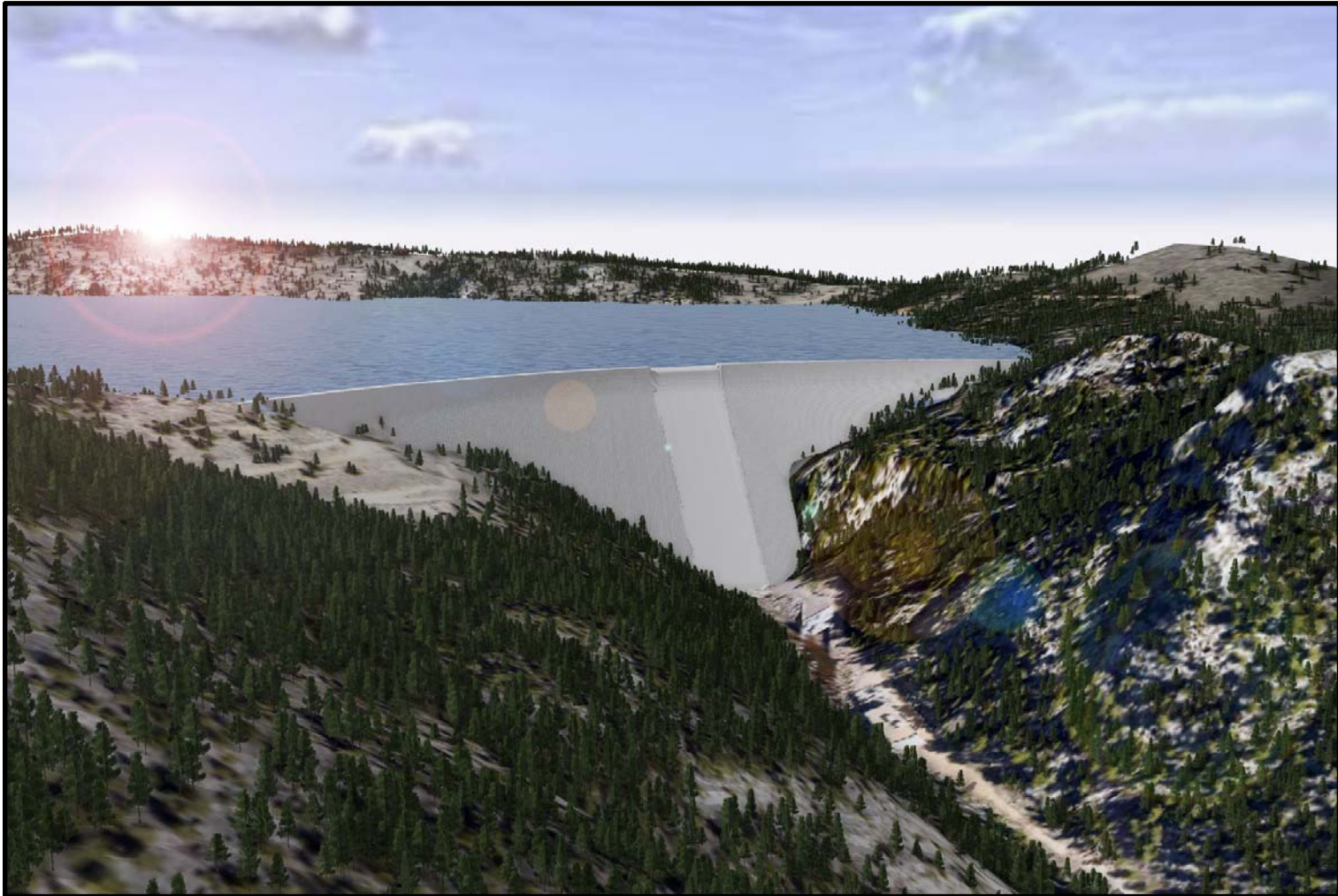
**The project will also improve the Colorado River and the environment around the reservoir. We'll go beyond just offsetting impacts to enhance the protection of nearby rivers.**



# Here's what Gross Reservoir looks like today:

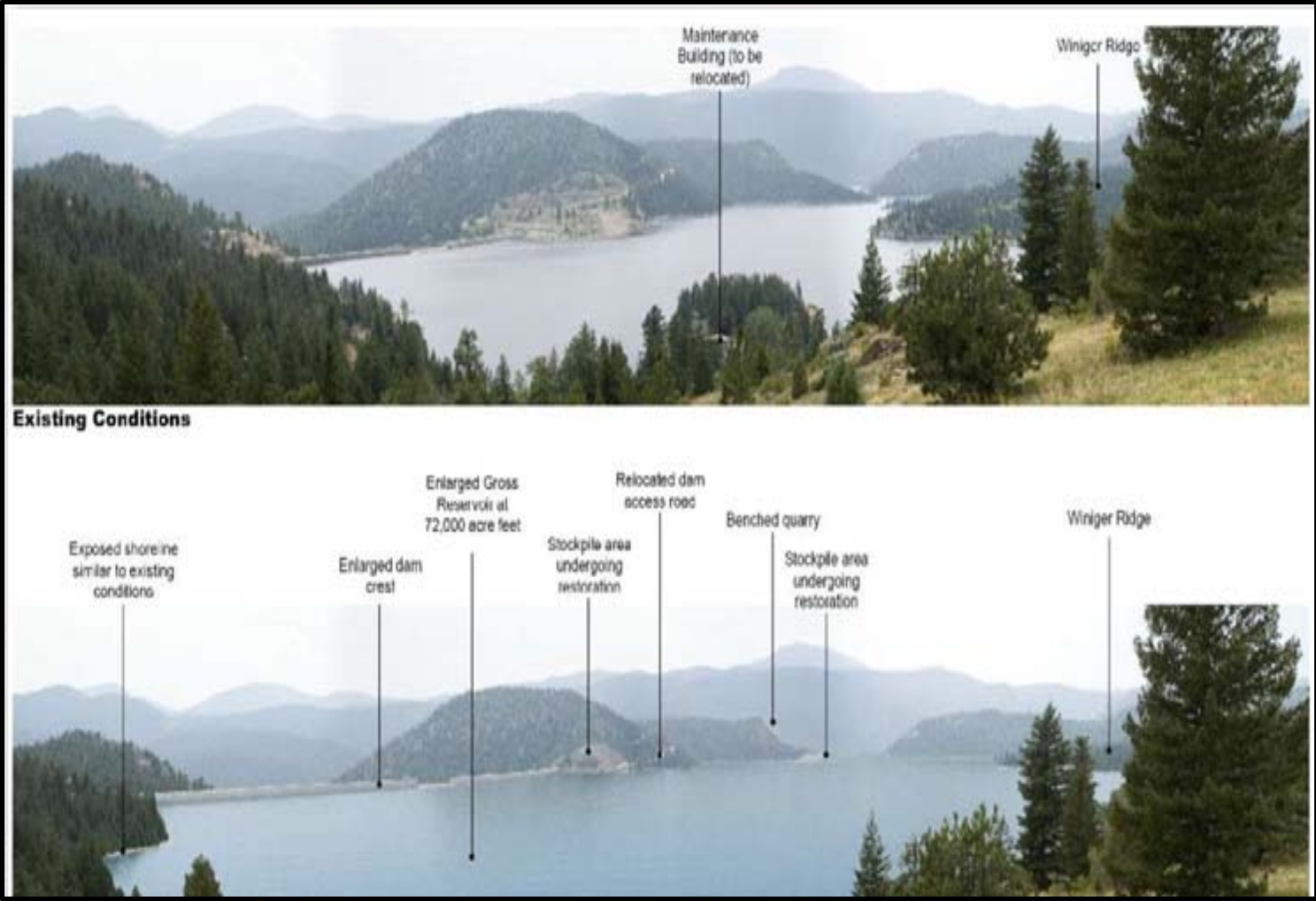


**Here's what the reservoir will look like after expansion:**

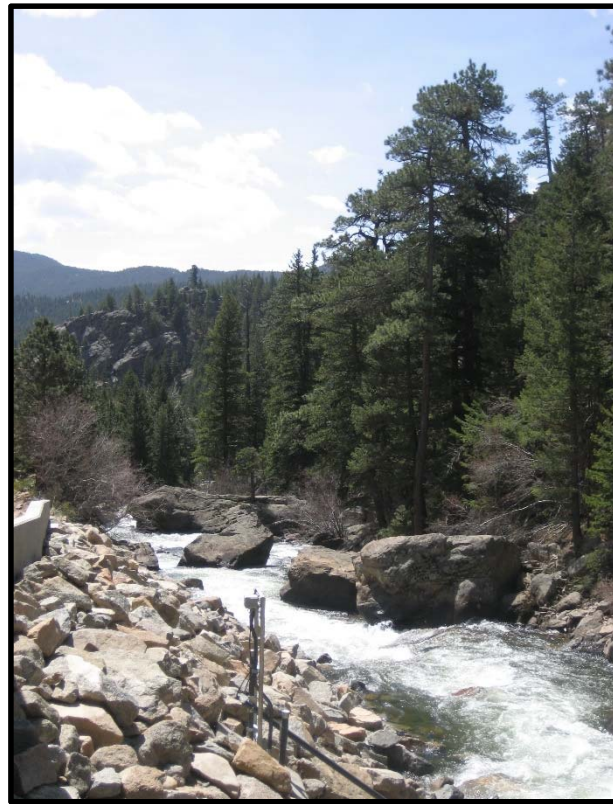
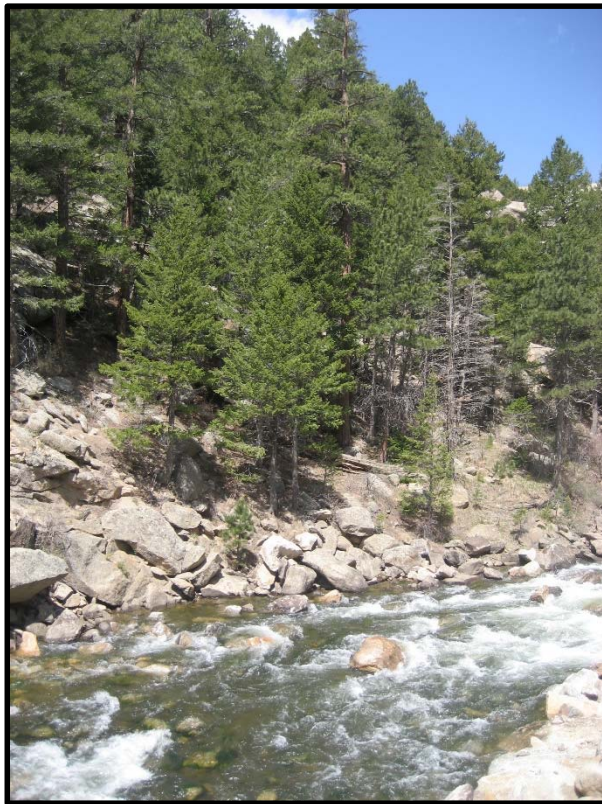




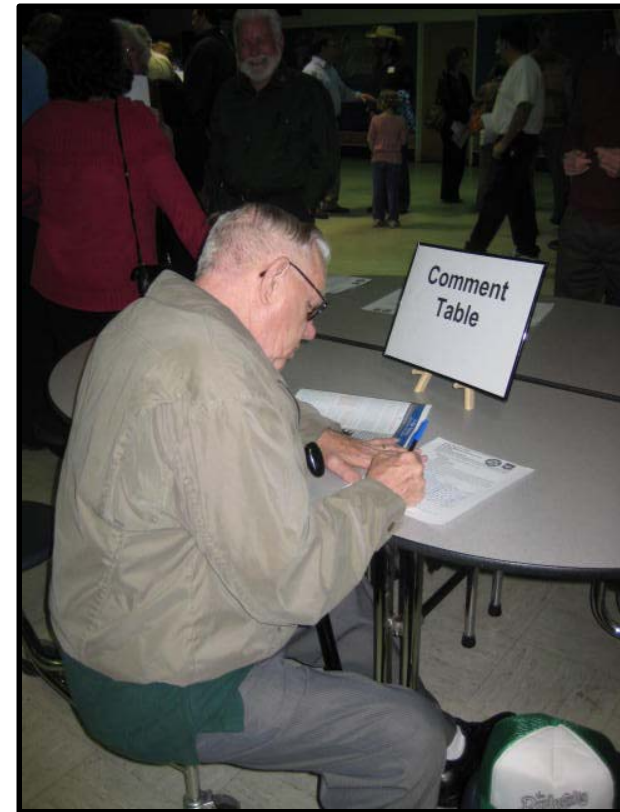
# These two pictures show some of the landmark changes:



**The new storage will mean 72,000 more acre-feet (af) of storage for Denver Water customers. The plan also includes 5,000 af for a South Boulder Creek “environmental pool” for release during low-flow periods.**



**This is a big project that will impact community members around the reservoir. We will foster two-way communication during all phases and ensure that information is readily available. We'll continue to seek input throughout the project.**



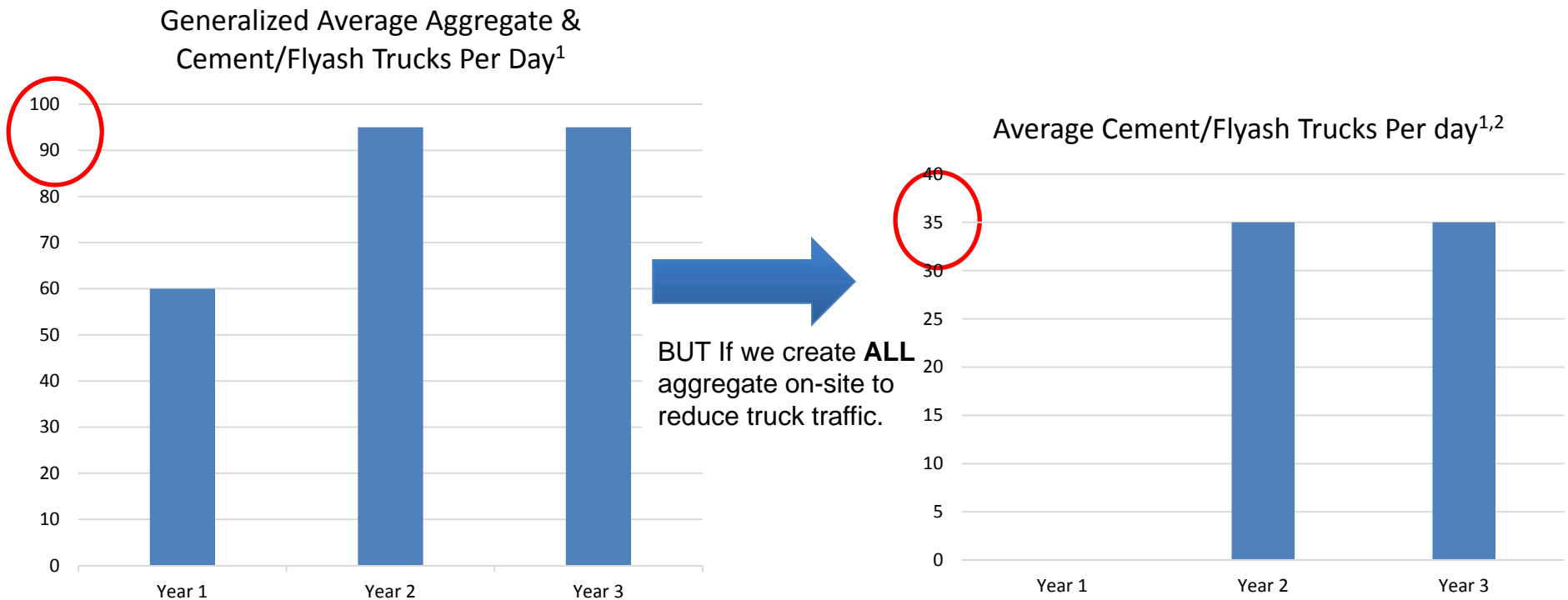
**We know that our neighbors are very interested in what potential construction impacts will be. We're committed to ensuring safety and minimizing inconvenience.**

**Known Concerns:**

- **Dirt and dust**
- **Noise**
- **Traffic**
- **Environment**



**Here's one solution that's already part of the plan. Rather than truck in large amounts of sand and gravel, an on-site quarry will produce those materials. The result? Truck traffic reduced from nearly 100 per day to 35!**



<sup>1</sup>Traffic estimates are generalized based on five days per week of hauling for six months per year.

<sup>2</sup>Assumes all aggregate is created onsite.

Another area of concern that we have heard about is the potential danger of traffic – especially trucks – turning sharply from Hwy 72 onto the road to the reservoir. **We are fixing that.**



**Denver Water anticipates the U.S. Army Corps of Engineers permit decision in the near future and is now focusing on the final project design.**

<b>Process Milestones</b>	<b>Completed</b>
Publish Notice of Intent to Prepare EIS	2003
Public Scoping	2003
Publish Notice of Availability of Draft EIS	2009
Draft EIS Comments Due	2010
Fish and Wildlife Mitigation Plan	2011
<b>U.S. Fish and Wildlife Service Biological Opinion</b>	<b>2014</b>
<b>Publish Notice of Availability of Final EIS</b>	<b>2014</b>
<b>USACE Permit Decision</b>	<b>Est. Release End of 2015</b>

Here's the tentative schedule that includes engineering, design and construction. We are seeking additional input from the community on our traffic control plans, hauling schedule and viewshed reclamation.

## Engineering, Design and Construction schedule





# Keep in touch! [www.grossreservoir.org](http://www.grossreservoir.org)



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## Gross Reservoir Expansion Project

### Join us to learn more about project

[Public availability sessions Oct. 7 and Oct. 10](#)

- [U.S. Army Corps of Engineers releases Final Environmental Impact Statement](#)
- [Denver Water, Trout Unlimited, Grand County reach agreement on river protections for Gross Reservoir Expansion Project](#)



Denver Water is preparing a major construction project, one that will provide more water to customers while improving the Colorado River and the environment surrounding the planned expansion.

The [Gross Reservoir Expansion Project](#) — also known as the Moffat Collection System Project — will pave the way for Denver Water to nearly triple the capacity of [Gross Reservoir](#), located in Boulder County.