

# M *Castle Pines North* METROPOLITAN DISTRICT

*Providing the people, families, neighborhoods and small businesses of Castle Pines North with clean, safe, reliable drinking water, renewable water, wastewater, storm water, parks and open space services in the most fiscally responsible manner, while serving as stewards of the community's water-related assets and Standard & Poor's AA bond rating.*

## So Many Straws... Nevertheless, CPNMD is surprisingly well-positioned

Like most counties in the Denver metro region, Douglas County's people disproportionately rely on 10,000-year-old bedrock aquifers in the Denver Basin Aquifer System to supply their drinking water.

While Douglas County's population was approximately 180,000 in the year 2000, the Colorado State Demographer, Elizabeth Garner, and her staff, project Douglas County's population will grow to 433,000 people by the year 2025. Likewise, they project what was 2.4 million Denver metro-regional residents in 2000 will grow to approximately 3.6 million residents in 2025.

From Weld County on the north and El Paso County to the south and from roughly Jefferson County on the west to as far east as Lincoln County, the Denver Basin Aquifer System underlies roughly 7,000 square miles of Colorado's Front Range. Imbedded within the Denver Basin Aquifer System lie four distinct and separate aquifers, ordered below by depth:

- Dawson Aquifer (most shallow)
- Denver Aquifer
- Arapahoe Aquifer (CPNMD's primary water source)
- Laramie-Fox Hills Aquifer (deepest)

In that context, your CPNMD Board recognizes the Denver Basin Aquifer System, upon which the people of CPNMD, Douglas County and others throughout the Denver metro region disproportionately

rely for drinking water, is an unsustainable water source.

In 2005, CPNMD asked the internationally recognized engineering firm of Camp, Dresser & McKee (CDM) to review CPNMD's existing water supplies and prepare a responsible, long-term, CPNMD-specific renewable water plan.

Your CPNMD Board adopted this plan, titled the Integrated Water Resources Plan (IWRP), in 2006. Since then – and in spite of the distraction and negative financial consequences of the City of Castle Pines North's effort to dissolve CPNMD – we remain focused on implementing and refining the plan and each of its four primary elements:

- 1) Securing renewable water,
- 2) Securing water storage capacity,
- 3) Securing water transportation infrastructure capacity, and
- 4) Securing water treatment capacity.

We believe implementing the plan – while periodically updating and applying fiscally responsible refinements to that plan – will ensure the people of CPNMD possess the drinking water and related infrastructure assets essential to maintaining property values and quality of life.

We are pleased to announce that of six public bids, Lillard & Clark Construction Company is the winning bidder on Phases 1 and 2 of CPNMD's InterConnect Pipeline Project. Lillard & Clark's bid is

approximately **25% lower** than the official engineer's estimate, which suggests that CPNMD's InterConnect Pipeline Project's total cost may fall from the original \$13 million estimate to roughly \$10.5 million.

When complete, CPNMD will transfer its new Hock Hocking Mine water, and other upper South Platte River water through Centennial Water and Sanitation District (CWSD) infrastructure, and subsequently through the InterConnect Pipeline Project, directly to the people of CPNMD. CPNMD intends to complete the entire project within the next 18-months.

**As 2010 comes to a close and as you gather with family, friends and loved ones to celebrate Christmas, Hanukkah and the New Year, please take solace in the fact that, unlike many Douglas County communities and others throughout Colorado, we have a responsible, reliable renewable water plan and are roughly half the way toward completing that plan. Despite so many straws extracting our most precious resource, the people of CPNMD are surprisingly well-positioned.**

As always, please contact us with your questions, concerns and ideas.

Sincerely,

Your CPNMD Board of Directors

Please contact us or our Assistant District Manager Dan Schmick at [dschmick@cpnmd.org](mailto:dschmick@cpnmd.org) or 303-688-8550 with questions.



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