



Dedicated shares for Deep Cut Pit

1 message

Van Der Poel - DNR, Melissa <melissa.vanderpoel@state.co.us>

Fri, Aug 24, 2018 at 8:02 AM

To: Paul Bruss <pbruss@bbawater.com>

Cc: Jeff Deatherage <jeff.deatherage@state.co.us>, Caleb Foy <Caleb.Foy@state.co.us>, Amy Eschberger - DNR <amy.eschberger@state.co.us>

Dear Paul;

Thank you for your letter from Mr. Tomky dedicating shares to Deep Cut in response to the DRMS April 30, 2010 letter (attached). The shares dedicated will cover the evaporative depletions of approximately 10 acres of exposed groundwater assuming that the pit has reached steady-state at that point and that there are no more lagged depletions.

The Rocky Ford Ditch shares are normally worth approximately 12.5 AF/share, totaling 25 AF; or 25.72 AF this year..

The 17.45 Twin Lakes shares have a firm yield of approximately 0.7 AF/share, resulting in 12.22 AF. This yield amount is usually used in court cases concerning Twin Lakes shares.

That would result in a total amount of water available of 37.94 AF.

The rate of evaporative depletions per acre according to your SWSP submittal are 3.85 AF per acre, after accounting for effective precipitation.

Therefore, $37.94 \text{ AF} / 3.85 \text{ AF/acre} = 9.85$ or approximately 10 acres of allowable exposed groundwater.

If the amount of exposed groundwater exceeds this acreage, Mr. Tomky will need to have a bond with DRMS to cover the remaining depletions.

DRMS does, in fact, has a "phased bonding" program, which your client may discuss with Amy Eschberger, so that the cost of a bond may not be as prohibitive as it might appear at this time.

If you have any further questions about the SWSP, please call me, or Caleb Foy.

Sincerely,

Melissa A. van der Poel, P.E.
Team Leader, Team 237
Division of Water Resources



COLORADO
Division of Water Resources
Department of Natural Resources

Phone 303-866-3581 ext 8208
1313 Sherman St., Room 818, Denver, CO 80203
melissa.vanderpoel@state.co.us



DRMS ltr.pdf
60K