

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 13, 2010

Board Item: V-E-2

Agreement for Cloud Seeding Activities
Contract 13328A

Action by Consent

Action

Information

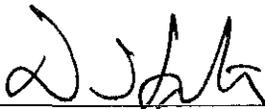
Denver Water has funded weather modification activities since the drought of 2002, at varying levels of expenditure and with different partners. Cloud seeding uses ground-based generators to introduce tiny silver iodide particles into approaching storms. The silver iodide has a similar crystalline structure as ice, and provides the ice nuclei that water needs to freeze. For the 2010-2011 winter season, the focus will be the Winter Park area within Denver Water's Moffat Collection System. Under the agreement that is the subject of this Board item, Denver Water will pay Western Weather Consultants, LLC to conduct cloud seeding activities from November through January. Western Weather will operate ten generators for up to 1,690 hours, for an amount not to exceed \$107,140. Winter Park Ski Area will reimburse Denver Water for 50% of those costs by November 30. Money has been budgeted for this activity in both 2010 and 2011 budgets.

In addition to the program being funded by Denver Water and Winter Park, the Colorado Water Conservation Board (CWCB) and the lower Colorado River Basin States will share the costs of two other weather modification efforts in the Winter Park area. The CWCB and the Basin States will split the costs of \$40,000 to extend Western Weather's activities through February and March, and \$59,000 for Desert Research Institute to operate two high-elevation remotely controlled generators throughout the winter.

Recommendation:

It is recommended that the board approve the agreement with Western Weather Consultants, LLC and Intrawest/Winter Park Operations Corporation for an amount not to exceed \$107,140, with Intrawest reimbursing Denver Water for 50% of the costs.

Approvals:



Director of Planning

Respectfully submitted,



James S. Lochhead, CEO/Manager



for the General Counsel