Buckman Direct Diversion Project

A joint regional project of the City of Santa Fe and Santa Fe County to build a reliable and sustainable water supply.

MEMORANDUM

Date: January 25, 2013

To: Buckman Direct Diversion Board

From: Rick Carpenter, BDD Project Manager RC

Subject: **National Design-Build Award to BDD Project – DBIA Honor Award**

BACKGROUND

The BDD Board elected several years ago to utilize an innovative project "delivery method" called "design-build," wherein the entity chosen to design the project is the same entity that also constructs the project. This is divergent from most large public infrastructure project delivery methods which traditionally have used "design-bid-build," wherein one entity designs the project and a completely separate entity bids on the construction phase and ends up building the project.

Design-build was chosen as the delivery method for the BDD because staff and the BDD Board believed many essential goals could be achieved. These goals included: that management responsibility and risk could be consolidated and efficiently shifted to the design-build contractor, that the overall schedule could be compressed, innovative ideas could be utilized throughout the design and construction process, change orders could be minimized, cost savings could be realized, and the transition from final construction to operations could be made more seamless – all while ensuring that a high quality facility would result.

Now that the BDD Project has been up and running for over two years, we believe that the aforementioned Project goals have been achieved. The Design-Build Institute of America (DBIA), and national engineering and project management organization that fosters the design-build project delivery method, also has recognized the many successes of the BDD Project, and at its national annual convention this past November, the DBIA awarded the BDD Project with the national Honor Award.

Staff is very proud and honored that the BDD Project was chosen to receive this prestigious national award, and staff therefore thanks the BDD Board for the many years of insightful guidance and oversight.

DBIA

Integration Quarterly

The quarterly publication of the Design-Build Institute of America

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Honor Award

BUCKMAN DIRECT DIVERSION PROJECT SANTA FE, N.M.

Owners: City of Santa Fe, County of Santa Fe and Buckman Direct Diversion Board

Design-Builder: CH2M HILL/Western Summit Constructors Joint Venture

Architect and Engineer: CH2M HILL

Specialty Consultants: AMEC, Bohannon Huston, HDR and Molzen Corbin and Spears Architects

Specialty Contractors: McDade Woodcock, ERS Constructors, Natgun and Yearout Mechanical

Other Key Professional: CDM Smith, owner's agent

The Buckman Direct Diversion was a $220-million drinking water project consisting of the diversion structure; five pump stations; 31 miles of pipeline; and a state-of-the-art, 15-million-gallon-per-day water-treatment plant. The project diverts and treats surface water from the Rio Grande and then delivers that drinking water to Santa Fe, where dwindling groundwater supplies, drought and wildfires have made the project vital.