

MEMORANDUM

TO: Water Trust Board Members
FROM: Emergency Drought Relief Strike Team

Bill Bartels, Bureau Chief, Drinking Water
Richard Rose, Bureau Chief, Environment Department
Mike Koranda, Director of Fields Operation Division Environment Department.
Tom Pollard, Executive Director New Mexico Finance Authority,

DATE: December 2, 2002

SUBJECT: Emergency Drought Relief Strike Force Assessment for Agua Negra
Mutual Domestic Water Consumers Association

WATER SYSTEM: Agua Negra MDWCA
CONTACT: Lionor Maestas, President
PHONE: (505) 387-5017
ADDRESS: HCR 34, Box 64
Holman, NM 87723

ENGINEERING FIRM: Ramon Lucero
Souder, Miller & Associates
W: (505) 473-9211

Emergency Identified: The current well is producing a lot less water due to depletion of the aquifer, and the resultant pumping of air is likely to result in damage to the pump and to bacterial contamination as a result of all the air being entrained into the water.

Number of Individuals and Nature of the Effect: There are 152 individuals directly affected by the shortage, with another approximately 50 people who have “rights” or calls on the system, but who are not using water right now (inactive water rights, which we are required to service on request). Currently, all meters are on restricted usage (max 3,000 gallons per month, with heavy penalties for higher). The current well is only able to be pumped three hours per 24 hours due to major drawdown effects, and produces 33 gallons per minute. On 11/15/02, a resolution was passed banning the use of Association water for watering livestock. Agua Negra has informed members to contact their Treasurer to obtain water conservation kits.

Project Options/Alternatives Any Known Pending: Agua Negra approached the Strike Team in mid-October. The Strike Team suggested the Association look into the feasibility of connecting to an alternate source. Both the San Antonio de Cleveland MDWCA and the Upper Holman MDWCA were approached with a request to connect waterlines from their respective Association water systems to the Agua Negra MDWCA water system. Both Associations denied the requests (copies of letters available). The remaining option is to drill a supplemental well to a depth that will produce a sufficient amount of water for the current and future members of the Association.

Total Project cost: \$91,000

Price includes construction, contingency, basic engineering services, construction inspection, as-builts, other professional services and NMGRT.

Financial Capacity Documents on file

And/or readiness to proceed Items:

- Most recent fiscal year audit report
- Current fiscal year budget
- Latest quarterly cash balance report
- Statement of budget, income and equity
- Financial summary of all accounts and allocations

Recommendations: The evaluation team recommends funding assistance for Agua Negra MDWCA in the amount of \$91,000.00.

Grant Conditions

Any applicable conditions to receive help

Agua Negra MDWCA must provide a construction schedule and plans and specifications, acceptable to Construction Programs Bureau, NMED.