

**TOWN OF PRESCOTT VALLEY
REQUEST FOR COUNCIL ACTION**

Date: June 14, 2012

SUBJECT: Agreement with Montgomery & Associates for Hydrogeologic Services for Installation of Monitor Wells and Vadose Zone Piezometers at the North Plains Recharge Facility, CIP # E226.2

SUBMITTING DEPARTMENT: Town Management

PREPARED BY: John Munderloh, Water Resources Manager

AGENDA LOCATION: Comments/Communications , Consent , Work/Study ,
New Business , Public Hearing , Second Reading

ATTACHMENTS: a) Agreement with Exhibit Proposal for Professional Hydrogeologic Services with E.L. Montgomery & Associates

SUMMARY BACKGROUND: The North Plains Recharge Facility is a necessary addition to the Town's effluent recharge infrastructure in order to maximize recharge credits for existing effluent supplies and meet contractual obligations acquired from the sale of effluent credits in 2007. The required permits from the Arizona State Land Department (ASLD), the Arizona Department of Water Resources (ADWR) and the Arizona Department of Environmental Quality (ADEQ) have been completed or are near complete. The ADWR and ADEQ permits require the installation of two monitoring wells and three vadose zone (above the water table) piezometers in order to begin recharge operations at North Plains. The requirements of the two state agencies mentioned above, the nature of the site and the need to log the well cuttings during drilling require the assistance of professional hydrogeologic services for final well permitting and installation.

Montgomery and Associates has been the technical consultant that has assisted the Town with hydrologic modeling and other permit application requirements for the North Plains project. The tasks proposed by Montgomery and Associates are:

The tasks proposed by staff and Montgomery & Associates for FY 12/13 are:

Task Description	Cost
Task 1: Technical Specifications for Drilling	\$ 4,000
Task 2: Monitor Well and Piezometer Installation	\$34,000
Task 3: Well Completion Reports and Data Submittal	\$ 4,700
Task 4: Additional On-Call Services	\$ 3,000
Total	\$45,700

PREVIOUS ACTIONS: On July 19, 2007, Council approved a contract with Montgomery and Associates for conceptual design and permitting services for the North Plains recharge project. On July 28, 2005, Council approved a contract with Montgomery & Associates to begin investigations of new recharge facilities. On August 12, 2004, Council approved a contract with Montgomery & Associates for professional services related to the development, permitting and

monitoring of the In-channel Agua Fria Recharge Project. Since May 2001, the Council has approved an Agreement and five Amendments with this consulting firm.

OPTION ANALYSIS: The Council may vote to:

- 1.) approve this Agreement, **OR**
- 2.) not approve this Agreement, **AND/OR**
- 3.) direct staff to pursue other options.

ACTION OPTION: Motion to approve this Agreement with Montgomery & Associates for the North Plains Recharge Project for Monitoring Wells and Vadose Zone Piezometers, CIP # E226.2, in an amount up to \$ 45,700 **OR** Motion not to approve. **VOTE.**

RECOMMENDATION: Town staff recommends approval of this Agreement for hydrologic services to install monitoring and piezometer wells at the North Plains Recharge Project. Town staff has negotiated directly with Montgomery & Associates due to their quality of services provided to date, as well as their intimate knowledge of the projects.

FISCAL ANALYSIS: The current status of the budget for this project is outlined in Table 1 below.

Table 1

North Plains Recharge Facility, CIP # E226		
HTE Code: 541-7040-700-73-21 CC0701		
FISCAL YEAR 2011/2012	Budget: \$2,000,000.00	FISCAL YEAR 2011/2012
	Expended & Encumbered: (\$255,894.36)	
	Agreement: <u>(\$45,700.00)</u> < (this action)	
	Balance: \$1,698,405.64	

Continuation of this project is in the proposed budget for Fiscal Year 2012/2013 in the amount of \$2,310,000.

REVIEWED BY:

Management Services Director _____

Town Clerk _____

Town Attorney _____

Town Manager _____

COUNCIL ACTION:

Approved Denied Tabled/Deferred Assigned to _____