

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

Date: November 8, 2012

SUBJECT: Recharge: Monitoring Wells and Vadose Zone Piezometers Project, CIP # E226.WP - Construction Contract

SUBMITTING DEPARTMENT: Utilities Department

PREPARED FOR: John Munderloh - Water Resources Manager, and
Kimberly J. Moon, P.E. - Capital Projects Coordinator, and
Neil Wadsworth, P.E. - Utilities Director

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

ATTACHMENTS: a) Construction Contract
b) Bid Tabulation

SUMMARY BACKGROUND: The North Plains Recharge Basins Project is a strategy to convey reclaimed water produced by the Town's Advanced Treatment Facility (ATF) to basins constructed on a 140.58 acre portion of land the Town has leased from the Arizona State Land Department. The basins will be located approximately 1 mile north of the ATF and approximately 0.4 miles to the west of N. Fain Road as shown in the following photograph:

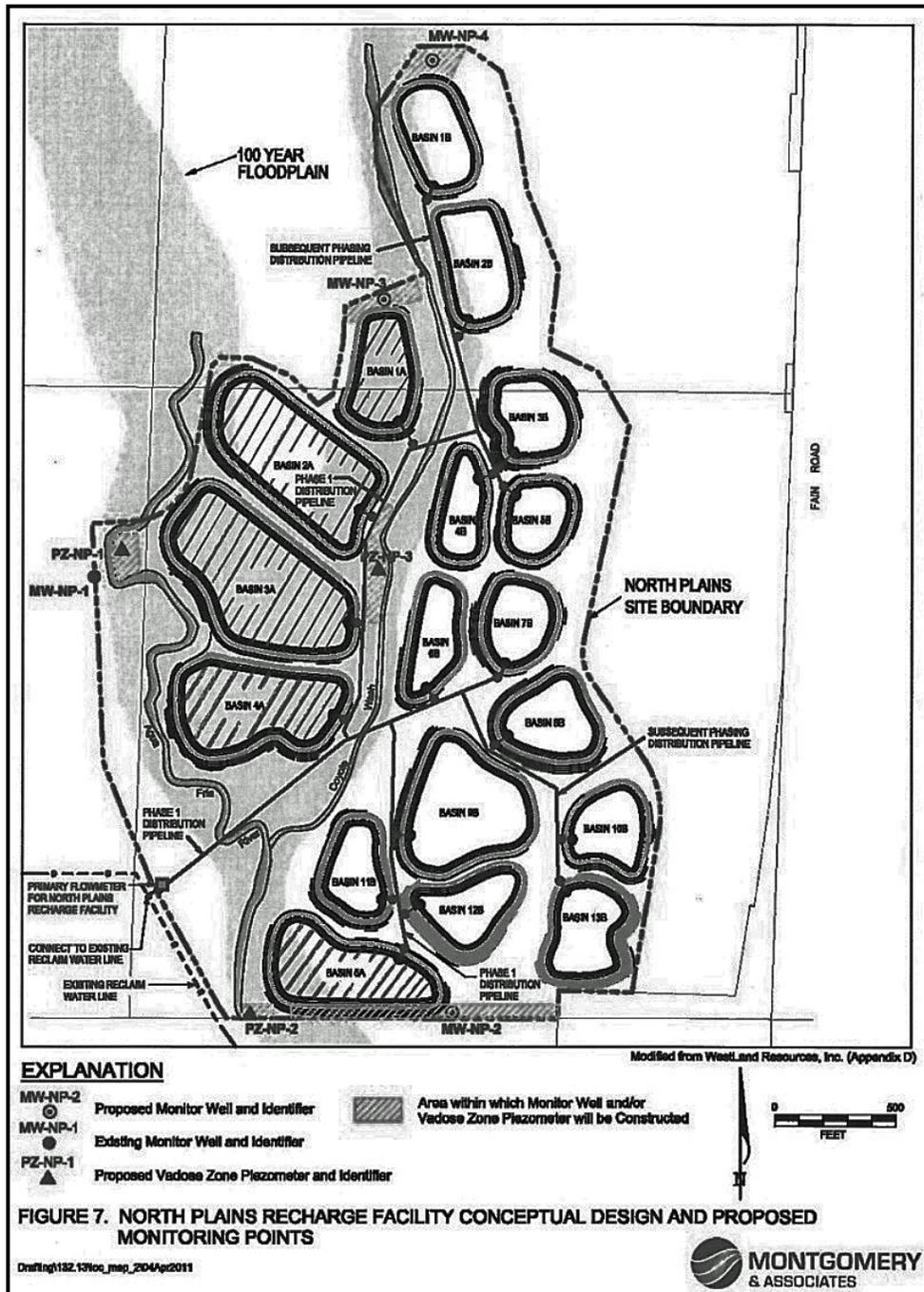
North Plains Site - Looking Northeast



The design for the recharge facility was developed by Montgomery & Associates and consists of construction of eighteen basins in three phases. Phase one involves construction of five basins along the west side of the site per Figure 1 below. The construction of the basins and pipeline for this phase, awarded to Capital Improvements, Inc. on September 27, 2012, did not include installation of monitoring wells and piezometers.

This current contract includes construction of two monitoring wells (MW-NP- 2 / MW-NP-3) and three vadose zone piezometers (PZ-NP-1 / PZ-NP-2 / PZ-NP-3) as required by the Arizona Department of Environmental Quality and the Arizona Department of Water Resources.

Figure 1 - Diagonal Lined Basins Represent Phase One.



An invitation to bid for construction of wells and piezometers was advertised on October 14, 2012 and October 21, 2012 and five (5) submissions were received on October 29, 2012 as summarized in Table 1.

Table 1

Rank	Bidder	Total - Base Bid A
Low	Drill Tech, Inc.	\$59,335.00
- n/r -	National EWP, Inc.	\$71,162.00
2 nd	Yellow Jacket Drilling Services, LLC	\$74,790.00
3 rd	Desert H2O	\$102,647.58
- n/r -	Layne Christensen Co	\$112,924.00

Upon review of the lowest responsive bid received, it is recommended that award of the Construction Contract be approved for Drill Tech, Inc.

Professional services involving construction administration, construction observation and project close-out will be provided by Montgomery & Associates per an agreement approved by the Town Manager on May 22, 2012.

The North Plains Recharge Basins Project was budgeted in the current fiscal year in the amount of \$2,310,000. Completion of these wells and piezometers is anticipated for early in 2013.

OPTION ANALYSIS: The Council may vote to:

- 1.) Approve award of this Contract to the low bidder, **OR**
- 2.) Reject all bids, **AND/OR**
- 3.) Direct staff to pursue other options

ACTION OPTION: Motion to approve award of the Contract with Drill Tech, Inc. in the amount of \$59,335.00 for construction of Recharge: Monitoring Wells and Vadose Zone Piezometers Project, CIP # E226.WP **OR**, Motion not to approve this Contract. **VOTE**

RECOMMENDATION: Town staff recommends approval of the award of the Contract with Drill Tech, Inc. as the responsible low bidder for construction of wells and piezometers.

FISCAL ANALYSIS: The current status of the budget for this project is outlined in Table 2:

Table 2

Recharge: Monitoring Wells and Vadose Zone Piezometers Project, CIP # E226.WP		
HTE Code(s): 541-7040-700-73.20		Finance Proj. # CC0701
FISCAL YR 2012/2013	Approved Budget:	\$2,310,000.00
	Expended & Encumbered:	-\$1,056,486.16
	Construction Contract	-\$59,335.00 < (this action)
	Balance:	\$1,194,178.84
FISCAL YR 2012/2013		

REVIEWED BY:

Management Services Director _____

Town Clerk _____

Town Attorney _____

Town Manager _____

COUNCIL ACTION:

Approved Denied Tabled/Deferred Assigned to _____