

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

Date: May 19, 2011

SUBJECT: Agreement with Black and Veatch

SUBMITTING DEPARTMENT: Utilities Department

PREPARED BY: Neil Wadsworth, Utilities Director

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

ATTACHMENTS: None

SUMMARY BACKGROUND: Black & Veatch designed the Phase III Wastewater Treatment Plant Expansion, which was constructed under a separate construction contract by Fann Contracting and completed around May of 2007. Subsequently, plant personnel experienced difficulties with the plant not being able to meet its discharge permit requirements as it related to nitrogen. Over the next two years, Black and Veatch, OMI and Town personnel worked together to determine the cause of the problem. Countless hours were spent taking and analyzing samples, evaluating operating conditions, making operational changes and performing stress testing on the plant. This work resulted in a determination that additional anoxic (low oxygen) basin capacity would be needed to allow the plant to properly de-nitrify the wastewater. Operational testing confirmed that the additional anoxic capacity could be obtained by converting some of the aerobic (with oxygen) basins to anoxic basins, and stress testing confirmed that this change would not impact the ability of the treatment plant to meet its permit limits at the full flow hydraulic capacity of 3.75 million gallons per day. Temporary measures have been in place for the last 3.5 years to allow the plant to operate in a manner consistent with all permits.

Permanent modifications, valued at approximately \$40,000, are needed to implement a long-term solution to this issue. Town staff and Black & Veatch have reached an agreement whereby the modifications will be made by Black & Veatch at no cost to the Town and approximately half of the cost for laboratory analyses previously paid by the Town, will be credited back to the Town by Black & Veatch in the form of in-kind engineering services in the amount of \$41,486.10. A draft agreement is attached for review.

OPTION ANALYSIS: For Discussion Purposes Only.

RECOMMENDATION: For Discussion Purposes Only.

FISCAL ANALYSIS: There is no fiscal impact associated with this Agreement.

REVIEWED BY:

Management Services Director _____

Town Clerk _____

Town Attorney _____

Town Manager _____

COUNCIL ACTION:

Approved Denied Tabled/Deferred Assigned to _____