

**TOWN OF PRESCOTT VALLEY  
REQUEST FOR COUNCIL ACTION  
Date: June 23, 2011**

**SUBJECT:** Agreement with Black & Veatch

**SUBMITTING DEPARTMENT:** Utilities Department

**PREPARED BY:** Neil Wadsworth, Utilities Director

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

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**ATTACHMENTS:** a) Agreement

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**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 in 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 & 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 about ½ 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. The agreement is attached.

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**OPTION ANALYSIS:** The Council may vote to:

- 1.) Approve the Agreement, **OR**
- 2.) Not approve the Agreement, **AND/OR**
- 3.) Direct staff to pursue another alternative

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**ACTION OPTION:** Motion to approve the Agreement with Black & Veatch, **OR** motion to not approve the Agreement. **VOTE**

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**RECOMMENDATION:** Staff recommends approval of the Agreement with Black & Veatch.

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**FISCAL ANALYSIS:** This Agreement has no fiscal impact to the Town.

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**REVIEWED BY:**

Management Services Director \_\_\_\_\_

Town Clerk \_\_\_\_\_

Town Attorney \_\_\_\_\_

Town Manager \_\_\_\_\_

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**COUNCIL ACTION:**

Approved    Denied    Tabled/Deferred    Assigned to \_\_\_\_\_