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**WATER & RESOURCE RECOVERY FACILITY**

MEMORANDUM

To: Gregg Mandsager, City Administrator

CC: Nancy Lueck, Finance Director  
Cinda Hilger, Secretary

From: Jon Koch, WPCP Director

Date: July 16, 2018

Re: Biosolid Dragline Hose Purchase

**INTRODUCTION:** The Water & Resource Recovery Facility has received three bids to purchase new dragline hose to replace old and damaged sections. The low bid of \$10,560.00 for two 660 foot sections of 5 inch Snap-tite heavy duty 300/900 psi hose was received from Hydro Engineering. The other quotes were \$10,847.20 and \$13,700.00. \$15,000.00 was budgeted for this purchase.

**BACKGROUND:** The Biosolids Department replaces sections of hose annually to rotate out damaged sections. The average life of a hose section is 10 years or more. They are drug across the ground behind the tractor back and forth over 600 acres of farm ground a year. The department is switching from 4.5 inch to 5 inch hose as the 4.5 inch is being phased out of production from all manufacturers and is now more expensive than the 5 inch hose.

**RECOMMENDATION/RATIONALE:** Staff recommends the purchase of two 660 ft. sections of Snap-tite heavy duty 300/900 psi dragline hose be purchased from Hydro Engineering at the proposed cost of \$10,560.00.