



**Nine Story 156,000 SF Multi-tenant Office Building**

**The Adjustable Flow Management Valve**

[www.smartwatervalve.com](http://www.smartwatervalve.com)

**Executive Summary:** The office building valve installation reduced average monthly gallons used by 38% and the average utility bill by 33% over a sample set of 6 months in a YOY comparison. Payback is about one year.

The valve is modulating the speed of the pressure drop as the clay valve opens and drops the water into an open tank. The meter's cavitation much less with the Smart Water Valve and the reduction in operating expenses is greater than we anticipated.

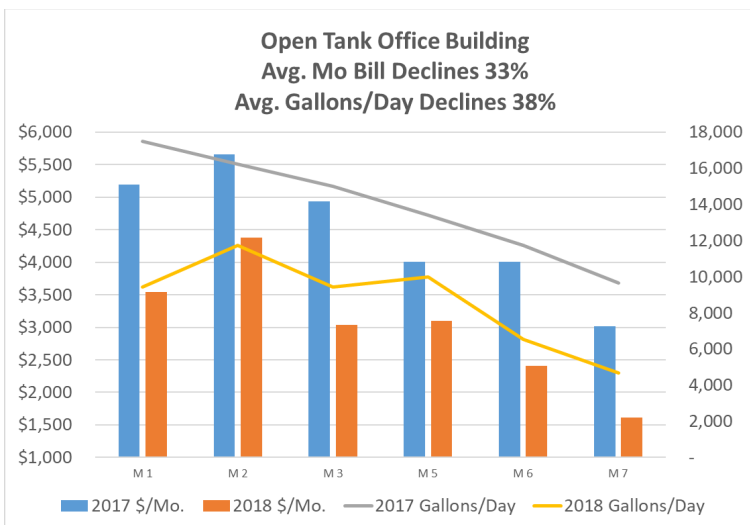
**6" Valve – 33% Average Bill Reduction**

- Three-month sample:  
May, June, July 2017 vs. May, June, July 2018
- Average Daily Usage Reduction: 38%
- Average Bill Reduction: 33%
- \$.11/SF/Year reduction in water & sewer cost



*"In 2018 we installed a 6" Smart Water Valve on the supply to our House Tank for potable water at 11811 North Frwy, a 9 Story multi-tenant office building in North Houston. Our monthly water bills decreased by 30% over the same months of the prior year. Based on our results, we intend to begin adding Smart Water Valves throughout our portfolio."*

Mark Malone  
Director of Engineering, Houston  
Hartman REIT



	2017 \$/Mo.	2018 \$/Mo.	2017 Gallons/Day	2018 Gallons/Day
M 1	\$ 5,196	\$ 3,541	17,500	9,441
M 2	\$ 5,663	\$ 4,374	16,212	11,735
M 3	\$ 4,936	\$ 3,039	15,000	9,448
M 4	\$ 4,002	\$ 3,103	13,393	10,000
M 5	\$ 4,002	\$ 2,409	11,719	6,515
M 6	\$ 3,016	\$ 1,607	9,655	4,663
<b>Average</b>	<b>\$ 4,469</b>	<b>\$ 3,012</b>	<b>13,913</b>	<b>8,634</b>
<b>Pct YOY Change</b>		<b>-33%</b>		<b>-38%</b>

