

# Press release

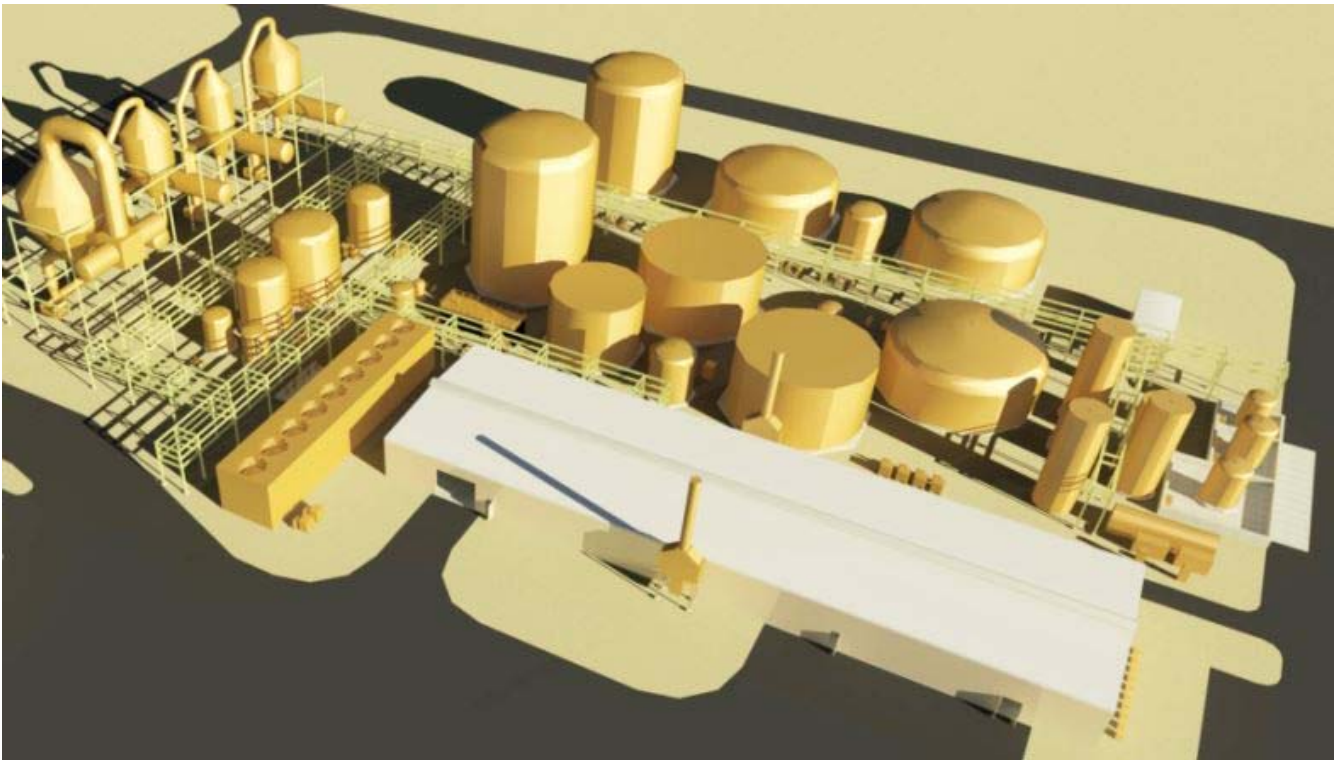
*Paris, October 22, 2015*

United States – Oil & Gas

## **Veolia wins contracts with oil & gas operator Antero Resources**

**Antero Resources, a producer of oil & natural gas in the Marcellus and Utica Shale plays, has selected Veolia, through its subsidiaries Veolia Water Technologies and Veolia North America, to design, build and operate an ultra-modern \$275 million treatment complex in Appalachia, to treat and recycle 9,500 m<sup>3</sup> a day of flowback and produced water.**

This project represents renewed success for Veolia in the oil & gas market. Specializing in shale oil & gas, Antero Resources, based in Denver, Colorado, has awarded Veolia a contract to design and build the water treatment and recycling plant, as well as a separate 10-year operating agreement to operate and manage the plant which is located in Doddridge County, West Virginia.



Planned to enter service at the end of 2017, the future plant will eventually treat and recycle 60,000 barrels of produced water a day, that is, around 9,500 m<sup>3</sup>/day. It will use exclusive Veolia technology, including AnoxKaldnes™ MBBR (Moving Bed Biofilm Reactor), Actiflo® clarification and the CoLD™ Process, which are particularly innovative in the area of water treatment for reuse. The choice of energy-efficient processes that will produce high-quality water for reuse in a centralized system shows that Antero is leading the way in responsible water management in the Marcellus shale region.

Recycling the produced water from shale oil & gas production will enable Antero to make substantial savings, estimated at around \$150,000 per well, as well as reduce risk and cost associated with long-distance hauling of water for deep-well injection.

Antero will own the treatment assets and ancillary facilities to be constructed by Veolia over the next two years, after which Veolia will operate the systems under a separate 10-year agreement that includes a performance guarantee for high uptime availability, an extended mechanical life and the capability to handle a wide range of flowback and produced water characteristics while meeting West Virginia's surface water discharge standards.

*"Covering the entire water cycle, our unique expertise is particularly suited to the oil & gas industry's needs,"* says Antoine Frérot, Chairman and Chief Executive Officer of Veolia. *"The ability to treat and recycle produced water is a crucial aspect of oil & gas exploration & production. It also represents significant progress in terms of reducing environmental risks."*

The oil & gas market is one of the growth drivers for Veolia. Currently accounting for around €1.5 billion in the Company's revenue, it should reach €3.5 billion by 2020.

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**Antero Resources** is an independent natural gas and oil company engaged in the acquisition, development and production of unconventional liquids-rich natural gas properties, as well as water logistics located in the Appalachian Basin in West Virginia, Ohio and Pennsylvania. The Company's website is located at [www.anteroresources.com](http://www.anteroresources.com)

**Veolia** group is the global leader in optimized resource management. With over 179,000 employees\* worldwide, the Group designs and provides water, waste and energy management solutions that contribute to the sustainable development of communities and industries. Through its three complementary business activities, Veolia helps to develop access to resources, preserve available resources, and to replenish them.

In 2014, the Veolia group supplied 96 million people with drinking water and 60 million people with wastewater service, produced 52 million megawatt hours of energy and converted 31 million metric tons of waste into new materials and energy. Veolia Environnement (listed on Paris Euronext: VIE) recorded consolidated revenue of €24.4 billion\* in 2014. [www.veolia.com](http://www.veolia.com)

(\* 2014 pro-forma figures, including Dalkia International (100%) and excluding Dalkia France.

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