

## Our project newsletter to stakeholders

We are pleased to provide you with the fifth newsletter for the Mountain Valley Pipeline (MVP) as part of our effort to maintain communication with stakeholders throughout the filing process.

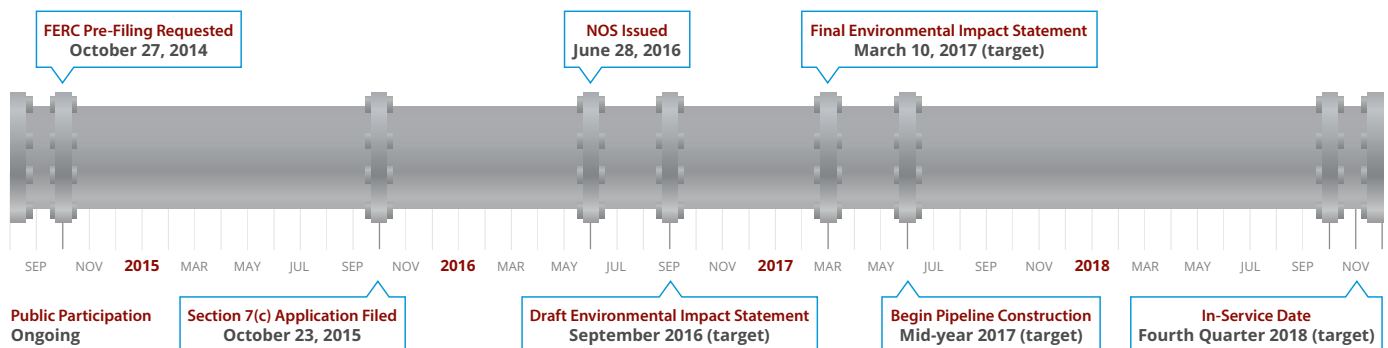
### Mountain Valley Pipeline Receives Notice of Schedule

On June 28, 2016, the Office of Energy Projects of the Federal Energy Regulatory Commission (FERC) issued a Notice of Schedule (NOS) for the Mountain Valley Pipeline (MVP) project. This announcement represents a key milestone in the formal application process, as the NOS lays out the FERC's environmental review process for the remainder of the project. The dates identified in the NOS follow a targeted timeline and as with any large-scale projects, these dates are subject to change. In the event dates are modified, all pertinent agencies and stakeholders will receive project development updates.

### What's the next step of the process?

The FERC, along with several cooperating agencies, are in the process of reviewing MVP's October 2015 certificate application, along with subsequent data request responses and supplemental materials that have been submitted. After the review is complete, the FERC will issue a Draft Environmental Impact Statement (DEIS), estimated to arrive in September 2016, which will open a public comment period and prompt a series of public meetings to be held in communities along the proposed route. The FERC will designate the specific number of meetings, as well as the dates and locations. Once

the meetings are complete and the comments are addressed, the FERC will issue the Final Environmental Impact Statement (FEIS), anticipated to arrive on March 10, 2017, which will then be reviewed and a decision on whether to authorize the MVP project will be granted. The FERC has designated June 8, 2017, as the Federal Authorization Decision Deadline. Based on this schedule and pending FERC authorization, the MVP project team anticipates a mid-year 2017 construction start date and continues to target a fourth quarter 2018 in-service date.



## Survey activity along the proposed route

The MVP project has conducted a multitude of surveys during the past two years, and continues to diligently survey the region in order to determine a route with the least overall impact to landowners, cultural and historic resources, and the environment. Civil, cultural, and environmental surveys have played a vital role in the planning process, as they help the team learn more about the region and its unique features in an effort to safely and responsibly develop a favorable route. Results from these surveys have provided numerous route alternatives and variations that have been, or are being, considered in order to help us determine the most viable route through West Virginia and Virginia.

**Civil surveys** provide valuable information on the terrain of the proposed pipeline, allowing the team to determine where to avoid residential areas, decrease the amount of steep sidehill construction, and how to best traverse roads and railroad crossings. During civil surveys, field crews walk the proposed route, and place visible markers along the centerline of the route that help guide other survey crews to effectively conduct their work.

**Cultural surveys** are conducted to help identify and protect cultural and historic features along the proposed pipeline route. In order to conduct these surveys, trained experts travel the route and document historic buildings and search for signs of potential archeological resources. If indicators are present, archeologists perform a small discovery excavation to determine the validity of the resources. If and when resources are verified, extensive documentation of items is performed and possible route alternatives are considered to avoid areas of cultural significance. As of July 1, 2016, the MVP project team estimated that approximately 80% of cultural surveys along the proposed route have been completed.

**Environmental surveys** are also an integral element of the routing process and include many levels of study that provide invaluable information on the region – and most specifically along the proposed route. Waterbody and wetland surveys are being conducted to determine areas where the pipeline should take special precautions to preserve water resources. If and when

resources are located, extensive documentation is performed and route alternatives are considered to avoid waterbody and wetland areas when feasible.

Also related to the topic of environment is karst topography. The MVP project team understands and respects issues related to karst topography and has hired Draper Aden Associates, an environmental engineering, surveying, and design firm based in Blacksburg, Virginia, to study the project and provide their expertise in identifying and protecting karst topography along the proposed pipeline route. Experts and MVP team members are continuing to work to identify karst topography and formulate possible route modifications and mitigation plans to manage potential concerns.

In addition to these various preliminary surveys, the environmental team began conducting baseline water testing studies along the proposed route during the last week of June. The MVP team will document baseline water supply conditions prior to the start of construction in order to help preserve and protect the environment and its natural water resources.

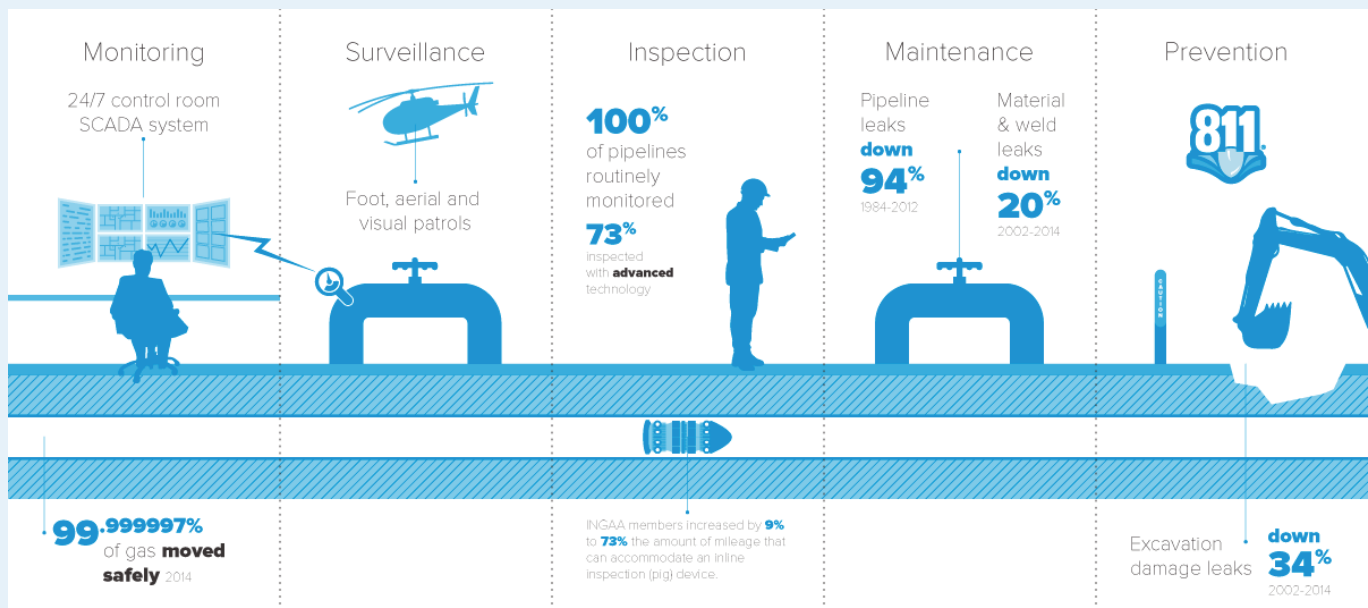
Mountain Valley Pipeline is committed to building a safe, environmentally responsible pipeline and in doing so, as of July 1, 2016, we have completed 90 % of the waterbody and wetland surveys and 85% of the karst surveys along the proposed pipeline route.

## Natural Gas Pipeline Safety

The Pipeline and Hazardous Materials Safety Administration (PHMSA) is an agency managed by the U.S. Department of Transportation responsible for the development and regulation of the national pipeline safety program. Every four years, the United States Congress reviews and reauthorizes the program to ensure all safety measures are being utilized and goals are being achieved. The U.S. House of Representatives and the U.S. Senate approved amendments to the Securing America's Future Energy: Protecting our Infrastructure of Pipelines and Enhancing Safety Act or the SAFE PIPES Act in early June and President Obama signed the bill on June 22, 2016, reauthorizing PHMSA's pipeline safety program through 2019. This action will order PHMSA to prioritize its regulatory agenda, request new mapping technology, and provide enhanced safety programs for pipelines nationwide.

Natural gas pipelines are a dependable and reliable energy source, maintaining the best safety record of any energy delivery system in the United States. Consumers rely on low-cost natural gas every day to travel, heat their homes, cook and clean, and to manufacture essential products. During the past decade, domestic natural gas development has greatly increased due to the prolific shale formations across the country. Since the year 2000, more than 16,500 miles of pipeline have been added to the U.S. energy infrastructure network to support our nation's natural gas development and continue meeting consumers' growing demand.

Companies that build and maintain pipelines take great care to incorporate safety into each phase of pipeline development. Safety is paramount in the design, construction, and throughout the operation of the pipeline. In the design phase, complying with all regulations, designing facilities to industry standards, and optimizing routes to avoid sensitive areas are important steps in building a safe, efficient pipeline. Construction crews examine welds to ensure safety, test pipelines prior to placing them in-service, and conduct regular inspections to verify acceptable installation. While in operation, gas flow is constantly monitored, controlled, and analyzed, and rights-of-way are maintained by aerial patrols and routine on-site inspections.



Source: INGAA

The Interstate Natural Gas Association of America (INGAA) is a trade organization committed to the safe design, construction, and operation of natural gas pipelines. INGAA's Pipeline Safety Committee, comprised of natural gas pipeline and storage companies across the United States and Canada, advocates for the responsible construction and operation of underground pipelines in North America.



## Community Investment

Mountain Valley Pipeline, LLC is proud to support communities in West Virginia and Virginia. The MVP team has established a local giving program to provide sponsorships and donations to charitable organizations and community events along the proposed pipeline route. Applications for support are available on the website via a submission form and will be reviewed on a regular basis. Contributions will be awarded based on their alignment with MVP's funding priorities; therefore, requests for MVP support should focus on these areas:

- **STEAM Education**

Education is a key building block for a bright future, therefore MVP supports educational opportunities for students focused on **s**cience, **t**echnology, **e**ngineering, **a**rts, and **m**athematics.

» *Examples : STEAM-based curriculum and programming, robotics programs, technical training, computer and science camps*

- **Environmental Stewardship**

MVP is committed to building infrastructure in an environmentally responsible manner and we support programs focused on environmental preservation, enhancement, and education.

» *Examples : Community gardens, wildlife and watershed conservation*

- **Civic & Community**

Communities are the foundation on which values are built; therefore, MVP supports community organizations such as fire departments, emergency responders, economic development councils, and chambers of commerce.

» *Examples : Emergency services, community festivals, food banks*

- **Arts & Culture**

MVP values local initiatives to provide exposure to artistic programming, and expand awareness, understanding, and appreciation of diverse cultures.

» *Examples : Museums and cultural centers, art, music, literature programs*

## Supporting Our Communities

Mountain Valley Pipeline is committed to supporting the communities along our proposed pipeline route, especially in times of great need. On June 23, 2016, the state of West Virginia experienced historic and devastating flooding that affected 44 of the state's 55 counties - taking lives and causing billions of dollars in property and infrastructure damage. To assist the relief effort for communities along our proposed route, Mountain Valley Pipeline has made a \$25,000 contribution to the West Virginia Voluntary Organizations Active in Disaster (WV VOAD). The WV VOAD's goal is to bring organizations together to understand each other's role and enable them to work together during times of disaster preparedness, response, relief and recovery.

## Safe Summer Fun in the Sun

School is out and summer is here! Warm weather brings picnics, yardwork, and an abundance of outdoor activities in the sun. Safety is a top priority for MVP and we want to help keep our communities safe as they prepare for summer. Check out these fast facts on staying safe in the sun:

- Apply a 30 SPF (or higher) sunscreen 15 minutes before going outside and reapply every two hours
- Wear sunglasses with UV protection or a wide-brimmed hat to protect your eyes
- Avoid being out in the sun between 10AM and 2PM
- Know the signs of heat exhaustion and act fast
  - » **Symptoms include:** heavy sweating, lightheadedness, nausea, rapid pulse, throbbing headache, or confusion
  - » **Take action:** find a shady spot or head indoors, drink cool water or a sports drink, or use ice packs or cold water to beat the heat



# National 811 Day is observed on August 11

ALWAYS CALL 811 BEFORE DIGGING



## *Your feedback is important*

- Please visit the MVP website for news stories, project updates, and to access the FERC filings:

» [www.mountainvalleypipeline.info](http://www.mountainvalleypipeline.info)

- Contact Mountain Valley Pipeline

» [www.mountainvalleypipeline.info](http://www.mountainvalleypipeline.info)

» Call us toll-free: 844-MVP-TALK

» Send us an email:

[mail@mountainvalleypipeline.info](mailto:mail@mountainvalleypipeline.info)



**American Pipeline** *delivering* **American Energy**