

## Jacobs Partners with Shell on a Restorative Coastal Infrastructure Solution for Louisiana Coast

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DALLAS, Nov. 13, 2019 /PRNewswire/ -- **Jacobs** (NYSE:JEC) and Shell Pipeline Company LP (Shell) deliver on their commitment to protect pipeline integrity and safety and improving coastal ecosystems with the completed installation of a living coastline system along the Ship Shoal Pipeline Corridor in Louisiana.



Located at Lost Lake, Jacobs and Shell's natural infrastructure solution consisted of installing 60 EcoBales – or lightweight, modular cylinders, created by Martin Ecosystems, which allow water to filter through – as an alternative to traditional infrastructure such as cement or bulkheads. In doing so, the project is improving marsh production

and water quality, aiding in flood risk reduction and aquatic resource benefits on the Louisiana coast. This project also benefits the Ship Shoal Pipeline, a joint venture operated by Shell, which runs 31-miles to deliver 50 million barrels of crude oil per year from deep-water assets in the Gulf of Mexico to Louisiana.

"In coastal Louisiana, the ecosystem is dramatically different than it was one hundred years ago, as land loss is impacting communities and the infrastructure that supports them, including critical energy assets such as pipelines," said Jacobs Buildings and Infrastructure Americas Senior Vice President and Regional Director Tom Meinhart. "Jacobs' and Shell's natural solution not only supports these pipelines, but also serves as a model for balancing coastal infrastructure and an evolving natural environment today and for generations to come."

Jacobs served as lead design engineer, alongside Shell, Martin Ecosystems and Chet Morrison Contractors, installing the EcoBale system – made from 96,000 recycled PET plastic bottles – at Lost Lake. The solution's lightweight design further reduced the impacts to the surrounding ecosystem by requiring less personnel and equipment and by eliminating the need for dredging in shallow project areas during installation.

"A healthy marsh is needed to provide a safe and supportive environment for all coastal wildlife," said Shell Pipeline Company LP Asset Operations Manager Greg Mouras. "A sustainable marsh provides the protection and support for our oil and gas pipelines, in turn protecting the infrastructure which provides the revenue to support our community and economy."

Jacobs, Shell and The Nature Conservancy also **transformed Blue Hammock Bayou**, another location along the Ship Shoal corridor, with a pilot natural infrastructure solution that stabilized the shoreline. For a visual timeline on how Jacobs has helped transform the Ship Shoal Pipeline Corridor, **[click here](#)**.

Jacobs leads the global professional services sector providing solutions for a more connected, sustainable world. With \$13 billion in revenue and a talent force of approximately 52,000, Jacobs provides a full spectrum of services including scientific, technical, professional and construction- and program-management for business, industrial, commercial, government and infrastructure sectors. For more information, visit **[www.jacobs.com](http://www.jacobs.com)**, and connect with Jacobs on **[LinkedIn](#)**, **[Twitter](#)**, **[Facebook](#)** and **[Instagram](#)**.

Certain statements contained in this press release constitute forward-looking statements as such term is defined in Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and such statements are intended to be covered by the safe harbor provided by the same. Statements made in this release that are not based on historical fact are forward-looking statements. We base these forward-looking statements on management's current estimates and expectations as well as currently available competitive, financial and economic data. Forward-looking statements, however, are inherently uncertain. There are a variety of factors that could cause business results to differ materially from our forward-looking statements. For a description

of some additional factors that may occur that could cause actual results to differ from our forward-looking statements see our Annual Report on Form 10-K for the year ended September 28, 2018, and in particular the discussions contained under Item 1 - Business; Item 1A - Risk Factors; Item 3 - Legal Proceedings; and Item 7 - Management's Discussion and Analysis of Financial Condition and Results of Operations, and our Quarterly Report on Form 10-Q for the quarter ended March 29, 2019, and in particular the discussions contained under Part I, Item 2 - Management's Discussion and Analysis of Financial Condition and Results of Operations; Part II, Item 1 - Legal Proceedings; and Part II, Item 1A - Risk Factors, as well as the Company's other filings with the Securities and Exchange Commission. The Company is not under any duty to update any of the forward-looking statements after the date of this press release to conform to actual results, except as required by applicable law.

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