



Gulf Coast Waste Disposal Authority

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GCA SUCCESSFULLY COMPLETED A \$150,000 GRANT TO STUDY THE FEASIBILITY OF SITING A REGIONAL INDUSTRIAL WASTEWATER TREATMENT AND WATER REUSE FACILITY IN THE MONT BELVIEU AREA

HOUSTON, November 28, 2016- Gulf Coast Waste Disposal Authority (GCA) is pleased to announce that the \$150,000 planning grant from the Texas Water Development Board (TWDB) to evaluate the feasibility for GCA to site a regional industrial wastewater treatment and water reuse facility in the Mont Belvieu, Texas, area has been successfully completed.

Half of the \$150,000 grant came from matching funds provided by GCA, the City of Mont Belvieu and a consortium of four local petrochemical companies. The grant was kicked off a year ago after being awarded by TWDB as an effort to address the need for additional wastewater capacity, improve water quality and alleviate anticipated water supply shortfalls due to recent drought conditions and economic and industrial growth in the area driven by energy development. GCA guided the collaborative effort, engaging the City of Mont Belvieu, the four industrial companies, Texas Water Development Board and other local interested parties throughout the report development process. Parsons provided planning and engineering support throughout the project.

GCA has been providing reliable regional wastewater treatment solutions in the State of Texas for more than 45 years and has extensive experience in the co-mingling of industrial and municipal wastewater streams for treatment. This is a service that is essential to industry in the area. The study confirmed that a regional wastewater treatment facility could provide a viable solution for the participating industries and the City.

In addition, the companies in the industrial consortium are experiencing tremendous growth in the area and will require additional sources of industrial water for use

in their processes. This additional demand could further stress the region's water resources, which could limit future growth not only of industry but also of communities that ultimately will provide workers for these same industries. The water reuse component of the feasibility study found that reuse of the treated effluent from the proposed wastewater treatment facility would be a viable industrial water supply alternative.

GCA's mission of protecting the waters of the state of Texas is tailored to advance this type of project.

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