

## **Milian, Swain & Associates, Inc. (MSA) receives the Diamond Award for Engineering Excellence!**

Milian, Swain & Associates, Inc. (MSA) was recently honored for its role in the Miami-Dade Water and Sewer Department Reuse Feasibility Study. The Diamond Award for Engineering Excellence was presented to MSA through the prime consultant, Ecology & Environment Engineering, a New York based firm, by the American Council of Engineering Companies (ACEC) of New York at its 2008 Annual Awards Ceremony.

The Diamond Award, the highest given by ACEC New York, was “for Excellence in the Category of Studies, Research and Consulting Engineering Services.” ACEC New York annually recognizes and celebrates engineering achievements that demonstrate the highest degree of skill and ingenuity among member firms. ACEC boasts that in its rich, 41-year history, the program has been called the Academy Awards of the consulting engineering world.

The Reuse Feasibility Study assessed the feasibility of using reclaimed water in Miami-Dade County. The Study identified the constraints and opportunities for water reclamation; established the level of treatment and possible infrastructure needed for various scenarios; identified potential projects and provided estimates of reclaimed water volumes. Based on the recommendations in the Reuse Study, design professionals have been procured to proceed with elements of the plan.

Miami-Dade County Water and Sewer Department also honored, is the fifth largest public water utility in the United States, based on population served.

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## **Milian, Swain & Associates, Inc. (MSA) announces that one of his outstanding Project Engineers receive the award for the *Young Engineer of the Year 2007***

Milian, Swain & Associates, Inc. (MSA) is proud to announce that one of his outstanding project engineers, Gabriel Milian, P.E., has recently been awarded as the *Young Engineer of the Year 2007* by the Miami Dade Branch of the American Society of Civil Engineers (ASCE).

Gabriel Milian was born in Miami, Florida on May 27th, 1979. Inspired by his parents, both civil engineers, Gabriel decided to follow their steps and pursue an engineering career as well. In 1997 he enrolled at the **University of Miami** where he received two Bachelor Degrees, one in Civil Engineering and one in Environmental Engineering, with a concentration in the modeling of fate and transport of pollutants from point sources.



*Gabriel Milian, P.E. recently receive the award for the Young Engineer of The Year 2007 for his outstanding and dedicated service to society and the engineer profession as a young engineer.*

Gabriel then decided to continue his graduate studies and left to Austin, Texas where he earned a Master Degree in Environmental Engineering, with emphasis in Water Resources from the **University of Texas at Austin** in 2002. He wrote a case thesis on *the Remediation of Arsenic in Soil and Subsequent Groundwater*.

After finishing his studies, Gabriel decided to join his father's consulting engineering firm, *Milian, Swain & Associates, Inc.* and presently holds the position of Project Engineer. Today, he has over four years experience in the hydrologic modeling of several Miami-Dade County basins, acquisition of environmental resource permits and the design of water distribution and sewage collection systems for several municipalities, government agencies and private clients in South Florida.

At such a young age, Gabriel Milian has proven the potential and bright future his career holds for him, as he has successfully handled many projects for Milian, Swain & Associates, Inc.

He has been responsible for working on the permitting process and civil engineering aspects of several projects for Miami-Dade County, including the design of a system to rehydrate fresh water wetlands before discharge to the bay, has assisted in the modeling determination of flooded regions for several Miami-Dade County basins in order to propose several solutions to alleviate the flooded areas, among other projects. Currently, Mr. Milian is responsible for the civil engineering and environmental permitting aspects for several projects for Miami-Dade County Park and Recreation Department. Furthermore, he has assisted in the economic feasibility study of wastewater reuse for Miami-Dade Water and Sewer Department, which will be considered as integral part of the development of water management strategies for the County, with the purpose of augmenting water resources for future demands in Miami-Dade.

Gabriel Milian has always been interested in being involved in the industry and his community, as he is an active member of non-profit and professional organizations including Citizens for a Better South Florida and the American Society of Civil Engineers. Moreover, he believes in continuous learning and professional self improvement. Thus he is regularly attending industry workshops and conferences. He has a XP SWMM modeling Certification from Fast Train and is currently following RMS modeling courses at the South Florida Water Management District.

**Recently, Gabriel successfully completed his Professional Engineering exam from the Florida Board of Professional Engineers.**

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