

## 2019 EBJ Business Achievement Awards

### Congratulations to the 2019 EBJ Business Achievement Awards Winners!

Environmental Business Journal presents its annual EBJ Business Achievement Awards for outstanding business performance in 2019. Congratulations to the winners, and thanks to all the companies that submitted nominations.

All are welcome to attend the official awards ceremony and dinner party as part of Environmental Industry Summit XVIII in downtown San Diego on Thursday, March 19th from 7-9pm. Environmental Industry Summit XVIII runs Wednesday through Friday, March 18-20, 2020.

*About the EBJ Business Achievement Awards: In October-December 2019, Environmental Business Journal solicited nominations for the EBJ Business Achievement Awards. Nominations were accepted in 200-word essays in specific categories. Final awards were determined by a committee of EBJ editorial advisory board members.*

### BUSINESS ACHIEVEMENT: LARGE FIRMS (More than \$200 million)

#### GOLD

*SCS Engineers* (Long Beach, CA) for growing revenue by a projected 27% to \$242 million for its most recent fiscal year, making it the best year in its history (50th anniversary in April 2020). The employee-owned company is also on track to increase gross profit over the previous year. SCS attributes its organic growth to returning clients and new clients generated by new initiatives like the Geographic & Practice Area Expansion (GPAX), which is experiencing year-to-date growth of 320%, and the Sustainable Materials Management (SMM) program, which is yielding year-to-date growth of 270%. The GPAX initiative provides expanded SCS professional engineering and consulting services for liquids management, wastewater treatment, and emerging contaminants in the South, Central, and Midwest regions of the United States. SMM offers solid waste management, waste reduction, and recycling services throughout the U.S. as individual states declare carbon reduction goals. SCS Engineers also provided design and design/build services for 14 renewable natural gas (RNG) facilities in 2019. The facilities convert landfill gas, dairy digester gas, and wastewater treatment plant digester gas to RNG.

## INFORMATION TECHNOLOGY

*SCS Engineers* for working with San Bernardino County in California to pilot the newest version of the SCS Remote Monitoring and Control (SCS RMC) software at the county's San Timoteo landfill. The county was looking for technology to lower landfill operating costs and maximize gas capture, and the new version of the SCS RMC software helps achieve this goal by integrating next-generation supervisory control and data acquisition (SCADA) opportunities such as 3D imaging from drones and virtual reality (VR). Beyond typical SCADA features, the SCS RMC system uses aerial data to compose topographic mapping, 2D images, and 3D renderings. The system is capable of incorporating geographic information systems (GIS), thermal, near-infrared, and methane leak detection data. The team put the 3D model into a Microsoft HoloLens VR headset, which allows executives at the County to "walk the site" from their offices. Using the SCS RMC system, landfill executives and operators can view their sites remotely from almost any internet-connected mobile device. The successful pilot project is expanding to 28 additional systems in San Bernardino County and other landfill clients.

## PROJECT MERIT: COMPOSTING

The *Environmental Services Division* of the city of San Diego, in collaboration with *SCS Engineers*, for the upgrade of a composting operation at the Miramar Landfill in San Diego ("Miramar Greenery"). The original composting operation was launched in the 1990s. Community outreach and a food-waste pilot program were conducted in the early-2000s, and by 2007 the city had persuaded most major venues to actively participate in composting, including Petco Park, the San Diego Zoo, Sea World, the San Diego Convention Center, and San Diego International Airport. To meet growing demand, the Greenery was expanded to 75 acres in 2009. Recently, the City used a CalRecycle Organics Infrastructure Grant to further improve the Greenery. In collaboration with the City, SCS designed an innovative, covered Aerated Static Pile (ASP) composting system using *Sustainable Generation's* SG Mobile System with GORE Covers. This custom system will divert 100,000 tons per year of organic waste from the Miramar Landfill, compost 40,000 tons per year into useful by-products (with capacity for an additional 20,000 tons), provide an enhanced stormwater control system, and eventually run on renewable energy generated from the landfill. According to the StopWaste.com calculator, this upgrade reduce greenhouse gas emissions by the equivalent of removing 19,015 cars from the road. Construction was completed in May 2019 and the new system became operational in August 2019.