

# 2020 EBJ Business Achievement Awards

## Congratulations to the 2020 EBJ Business Achievement Awards Winners!

Environmental Business Journal presents its annual EBJ Business Achievement Awards for outstanding business performance in 2020.

*About the EBJ Business Achievement Awards: In October-December 2020, 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.*

## **PROJECT MERIT    Remediation**

**SCS Engineers** A Florida developer acquired a 500-acre former landfill to redevelop into an 8-million-square-foot industrial park. Reuse of the site required remediation of contaminated groundwater and stormwater. Problem: Environmental guidelines required 140 acres be set aside for stormwater retention. This involved relocating several thousand cubic yards of waste but would prevent redevelopment of the 140 acres, costing the developer \$300 million in real estate sales. That, combined with the expense of groundwater remediation, would make site redevelopment cost prohibitive. Solution: SCS Engineers' (Long Beach, CA) innovative strategy included connecting the groundwater remediation and stormwater management systems. The integrated system allows for shallow aquifer recharge using stormwater and captures impacted groundwater at the site's boundary. Extracted groundwater is ultimately disposed of through a 3,500 feet deep injection well. SCS provided an alternative design acceptable to permitting agencies that included groundwater remediation, stormwater management and recharge as a single system. Benefits: The integrated system made the 140 acres available for redevelopment. Over 2 million square feet of building space is being constructed, with another 6 million square feet planned. Development will create hundreds of new jobs and deliver several hundred million dollars to the city and county tax base.

## **TECHNOLOGY MERIT    Waste Management's Connected Landfills Pilot**

**Waste Management** designed an internal land fill technology solution then contracted with **SCS Engineers** to integrate and deploy Waste Management's innovative 'Connected Land Fills' pilot, which leverages advanced automation technologies. Waste Management's Connected Land Fills system was piloted at the West Edmonton Land Fill in Edmonton, Alberta, Canada. The pilot proved to simplify workflows, equipping landfill assets with internet-connected devices and sensors. Technicians are able to review data remotely via dashboards on mobile devices, allowing them to monitor changes, make decisions, and even directly interact with equipment with the push of a button. With less time spent in transit, landfill employees will be able to spend more time managing landfills' productivity and health. The design and integration advance Waste Management's existing environmental management platform by increasing worker safety, the user experience, and running the landfill systems efficiently. It also supports Waste Management and SCS Engineers' commitments to ensuring public safety and environmental protection for landfill staff and the surrounding community.