

The sweet smell of success

CH2M HILL completes first Procter & Gamble plant in Singapore

A CH2M HILL contingent was on hand for the March 5 grand opening of Procter & Gamble's Pioneer Perfume Plant in Singapore. This landmark project by CH2M HILL's Manufacturing and Life Sciences Business Group is P&G's first manufacturing facility in Singapore.

"The launch of this plant is an important milestone in Singapore's consumer-care industry," said Mr. S. Iswaran, Singapore Minister of State for Trade and Industry, in a speech at the plant's grand opening ceremonies. "Singapore is indeed privileged to have P&G make such a groundbreaking investment here."

The plant will supply more than 3 million kilograms (6.6 million pounds) of perfume annually for P&G brands sold across Asia. Innovative features in the plant include advanced real-time inventory and production-control systems, a "scent library" where more than 300 perfume ingredients are immediately available, and an odor-evaluation room for quality control assessment of perfumes produced at the plant.

CH2M HILL's scope of services on the project included front-end engineering, construction-permitting services, and construction-management services, as well as support of the P&G team on procurement and detailed engineering.

The CH2M HILL team received excellent client feedback on the project, which earned a P&G Safety Award, recognizing 75,000 accident-free work hours.

This is one of hundreds of projects that CH2M HILL has completed for P&G during the last 26 years. M&LS is currently providing procurement support and construction management for a P&G technical center in Beijing, China. UN Ltd



(From left) Lorens Prineas, M&LS director in the ASEAN theater; Vern Jackson, M&LS vice president, global director; Howie Tan, construction manager; Edward Wei, P&G project manager; KK Tiew, P&G construction leader; John Quarendon, theater managing director for ASEAN/India.



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Twin Oaks opens

The world's largest submerged-membrane treatment plant is officially open and treating 100 million gallons per day to provide drinking water to 220,000 households near San Diego, California. CH2M HILL served as the design, build, operator for the Twin Oaks Valley Water Treatment Plant for the San Diego County Water Authority. Shown here is the CH2M HILL team at the ribbon-cutting ceremony held in May.



A perfect landing

CH2M HILL and its partner, Interstate Highway Construction, are replacing the only runway in the United States where all military aircraft, including the space shuttle, are flight tested. The runway is at Edwards Air Force Base in California's Mojave Desert.

In order to provide continuous flight operations during construction, a temporary asphalt and concrete runway was created to meet the same specifications that the main runway will require.

On May 19, the temporary runway was completed and evaluated for Space Shuttle landings. The 300-by-15,000-foot (91-by-4,572-meter) runway passed the test and received a commendation from Steve Lindsey, NASA's chief astronaut.

In addition, over the past 18 months, the CH2M HILL team has logged more than 300,000 hours without a lost-time incident while building the temporary runway. The main runway is slated for completion in early 2009. UN Ltd



Workers smooth out newly laid concrete on the temporary runway at Edwards Air Force Base in California. The runway's surface can only vary by one-eighth of an inch (0.32 centimeter) over the 7 total miles (11.3 kilometers) of runway, taxiway, and access area.

Tsunami-damaged bridge replaced

The Arugam Bay Bridge in southeastern Sri Lanka, heavily damaged in the Southeast Asian tsunami, is back in operation thanks to USAID's Sri Lanka Tsunami Reconstruction Program, managed by CH2M HILL. The bridge is the only major transportation link connecting communities of the southeast region of Sri Lanka. The first bicycles, buses, ox carts, automobiles, and tuk-tuks crossed the newly opened bridge in May.

