



08/06/08 – 08/26/08

### County Sanitation Districts of Los Angeles County, Long Beach, California 90815

When we first heard about the Sanitation district, we thought to ourselves, what exactly is it they do? Well, the districts protect public health and the environment through innovative and cost-effective wastewater and solid waste management, and in doing so convert waste into resources such as reclaimed water, energy and recycled materials.

The sanitation district employs many contractors over the years and FC & Sons Roofing will get another opportunity to provide excellent service. *FC & Sons Roofing was awarded the contract to install a new roof to the electrical building and office buildings of the Long Beach facilities.* This project included 7,600 sq. ft of roofing which upgraded or delivered a 20 year roof system. The new roof system will allow them to upgrade or remodel the facilities without any worries of water damage.

The preparation began with the removal of all gravel at all penetrations and throughout the entire roof areas. We followed by installing plastic to all areas such as walls, Air Condition units and box penetrations to prevent over spraying equipment or property followed by pressure washing the membrane. After membrane dries a layer of polyester was set into asphalt emulsion and allowed to cure. The next phase was to spray two passes of a seamless composite roof membrane consisting of a mixture of asphalt emulsion and fiberglass to all surfaces. After membrane cures, the cool roof coating is sprayed applied as per manufacturers recommendations. The cool roof coating will meet California title 24 and will keep the roof cool. The highly emissive roofing materials that stay 50 to 60 degrees F cooler than a normal roof under a hot summer sun will certainly help the Sanitation district for the years to come.

