

Case Study:

**Waste Reduction, Cost Reduction & Ongoing Program Management
for Large Industrial Facility**

Lockheed Martin, Sunnyvale, CA

The Lockheed Martin Space Systems facility in Sunnyvale, CA is a 3,000,000 sf industrial campus of 40+ buildings employing 6,000 people. Initially, the waste program was only separating scrap metal and wood pallets for recycling – everything else was sent to the landfill. The recycling program was in need of expansion and garbage costs were high.



Synergis –Zero Waste Group was contracted by Lockheed Martin to conduct a waste audit, expand the recycling program to include more materials, find haulers and markets for all materials, reduce waste collection costs, and manage the program. Synergis implemented new collection programs for paper recycling, bottle and can recycling, construction debris recycling, paper towel composting, and found a market for Lockheed’s finely shredded confidential paper. A comprehensive employee and janitorial education program was developed, including new containers, signs, email communications and staff presentations. As a result, **diversion was increased from 25% to 81%, 2,700 tons of garbage were recycled or composted annually, greenhouse gas emissions were reduced by 9,468 tons per year, costs were reduced by \$280,000 per year, and the facility was awarded a State of California WRAP award for several years in a row. Ongoing management services include coordinating the collection and marketing of 3,300 tons of material per year, managing all construction debris, providing monthly reporting metrics, ensuring regulatory compliance, acting as liaison to government agencies, and cost containment.**

“Synergis was incredibly successful . . . reducing the time spent by our staff on garbage issues which included multiple municipalities and jurisdictions, and enabling us to win a statewide award for our efforts! They designed and implemented an employee education program for our 8,000 employee Sunnyvale campus . . . and provided frequent recommendations on how we could improve. They were always open to enhancing the program, and recycling more items. Even with their main office in another part of the country, we received immediate responses to our requests. I completely recommend Synergis for any facility looking for a company to professionally manage their solid waste program.”

Frank Rocha, Senior Manager – Lockheed Martin