

Case Study:

Zero Waste Program & Ongoing Program Management for Large Manufacturing Facility

NUMMI, Fremont, CA

NUMMI (Toyota/GM joint venture) is a 5.5M sf, 5,000 employee automobile manufacturing facility located in Fremont, CA. The facility was already recycling over 90% of it's discarded materials, but was still sending 250 tons of garbage per month to landfill. Their goals included diverting more material types from landfill, reducing their landfill waste, and implementing professional management of their waste and recycle program.



Synergis –Zero Waste Group was contracted by NUMMI to divert more material types from the landfill, reduce the overall quantity of material going to landfill, and professionally manage the overall waste and recycle program. Synergis designed and implemented an assembly line mixed material recycling program, implemented food composting for the cafeteria, implemented composting of the restroom paper towels, and expanded the diversion program to include mixed plastic parts, Rapguard (plastic car wrap), plastic film, plastic foam, scrap wood, clean paper, food scraps, textiles and paper towels. **Within 12 months, landfill waste was reduced by 40%, for a savings of \$106,000 per year. Synergis managed all the garbage and recycle vendors' activities, set up new vendors as needed, tracked all materials collected, provided monthly reporting, and managed the vendor billing. This program received a State of California Waste Reduction Awards Program (WRAP) award.** Throughout the program, Synergis worked with facilities staff, department managers, custodial staff, City staff, and the garbage and recycle vendors.