

SANTA CLARA VALLEY WATER DISTRICT
FOR GREEN BUSINESS IMPLEMENTATION FY 04
SUPPLEMENTAL REPORT

This supplemental report provides a more detailed account of Green Business implementation activities for the first three quarters of fiscal year 2004.

First Quarter July 1 – September 30, 2003

Newly Certified Businesses

Thirteen businesses completed their Green Business measures and passed the compliance check to become certified Green Businesses. These thirteen businesses are:

- Bella Mia Restaurant
- Chacho's Restaurant
- Chinese Gourmet Express
- Chow Ciao Café
- Environmental Planning Consultants
- Gordon Biersch Restaurant and Brewery
- Hilton San Jose & Towers
- La Taqueria
- Laurel's Delights
- Middlebrook Gardens
- Peggy Sue's
- Rosendin Electric
- Señora Emma's
- Sonoma Chicken Coop

Newly Enrolled Businesses

The following businesses enrolled in the Green Business Program during the first quarter and are working towards certification:

- Alum Rock Methodist Church
- Lunch Stop at Berger Drive
- Lunch Stop at San Jose City Hall

Second Quarter October 1 – December 31, 2003

Newly Certified Businesses

Six businesses completed their Green Business measures and passed the compliance check to become certified Green Businesses. Those six businesses are:

- **Altera Corporation** - Altera is the first high-tech company to become certified and is already an environmental player with many building-wide initiatives such as occupancy sensors, ULF Ts, and a comprehensive recycling program. However, as a result of the Green Business Program they did an assessment of their cleaning supplies and agreed to begin use of less or non-toxic alternative cleaning products and discontinue use of three highly used products that contained more toxic components.
- **Common Ground Organic Garden Supplies** - Uses energy efficient lighting; buys recycled products; recycles all of the paper, plastic, and cans; composts food scraps, uses reusable dishes and utensils for lunches, and encourages commute alternatives for employees. Volunteers make envelopes from old calendars; encourage customers to bring used grocery bags to the store for re-use for their purchases.
- **MCON Construction** - MCON moved their office from Los Gatos to San Jose during the summer of 2003 and enrolled prior to their move with the intent of “greening” their new office space. They installed ULFTs, T-8 lamps, set up a recycling program, purchased non-toxic cleaning supplies, and had drought tolerant plants installed.
- **Park Avenue Motors** – A rigorous recycling program has cut solid waste by more than 50%; reduced energy and water bills significantly by replacing inefficient lighting and installing low flow toilets; achieved zero discharge to the storm drains from the auto repair shop. Received recognition as a *Clean Bay Business* by the Regional Water Quality Control Plant's Clean Bay Business Program.
- **Stanford Terrace Inn** – Extensive recycling program, over 90% of chemicals used are non-toxic, shampoos and soaps in the rooms are organic, all rooms have low-flow toilets and high efficiency light bulbs, and most paper used has recycled content. In addition, they have set aside 10 “Green Suites”, rooms that have special air and water filters for guests with sensitivities to the environment.
- **The Steinberg Group** - An architecture firm that walks the “environmental talk.” They have a company-wide effort toward sustainable architecture and wanted to further the effort by becoming certified. They have their own internal “green” e-newsletter and encourage staff to propose “green ideas” at staff meetings, they use electronic methods to transfer information to consultants and printers, they installed ULFTs, and use re-usable dishware in their kitchen.

Quantitative Data

Quantitative data gathered from the newly certified businesses is as follows and is based on information received from the companies:

Altera Corporation-1500 employees

- **Solid Waste Reductions** - Comprehensive recycling program implemented in 2001 including cardboard, office paper, cans, glass and plastic bottles and in-house paper shredding service resulted in a 92 ton decrease in solid waste and annual savings of \$69,000.
- **Energy Savings** - Off hour intermediate data center cooling project saved 280,000 kWh annually, equating to a savings of \$39,000; a VFD/Chiller retrofit project is projected to save 240,00 kWh annually, equating to a savings of \$34,000.
- **Water savings**-Since the buildings were originally designed with low consumption flushometers and faucets, there is no data available, although Altera chose the low consumption models over the water saver models which compare as follows:

Flushometers

- Water saver 3.5 gal. flush cycle
- Low consumption 1.6 gal. flush cycle

Urinal Flushometers

- Water Saver 1.5 gal flush cycle
- Low consumption 1 gal. flush cycle

Bathroom Faucets

- Water Saver 2.2 gpm
- Low Consumption .5 gpm

The Steinberg Group-60 employees

- **Recycled paper purchases** - 140 boxes of recycled paper purchased per year, which equates to annual savings of 7000 kWh of electricity, 10,500 gallons of water, and 105 pounds of air pollution¹.
- **Water Savings**-4 ULFTs were installed, anticipated annual water savings is 196,000 gallons per year¹.

MCON Construction Headquarters-8 employees

- **Recycled paper purchases** - 12 boxes of recycled paper purchased per year, which equates to annual savings of 600kWh of electricity, 900 gallons of water, and 9 pounds of air pollution¹.
- **Water savings** - 2 ULFTs were installed, anticipated annual water savings is 26,112 gallons per year¹.
- **Energy savings** - 8, T-8 lamps were installed, which equates to an anticipated annual reduction in wattage of 20-40%¹.

¹These calculations are based on the *Bay Area Green Business Program Environmental Performance Measures* developed by CalEPA for the Green Business Program.

Newly Enrolled Businesses

The following businesses enrolled in the Green Business Program during the second quarter and are at various stages working towards certification:

- American Lung Association
- Biggs Cardosa
- Gunn High School

Third Quarter January 1 – March 31, 2004

Newly Certified Businesses

Two more businesses were certified in the third quarter.

- **City of San Jose Library, West Valley Branch** - Aside from being the first public building in the City of San José to achieve LEED Certification (the U.S. Green Building Council's Leadership in Energy and Environmental Design), the West Valley Branch Library is also the first library in the County to become a certified Green Business. The LEED process evaluates environmental performance from a “whole building” perspective over a building's life cycle, providing a definitive standard for what constitutes a green building. The Green Business program evaluates how the operation of the business or organization is impacting the environment. As part of LEED certification, the library installed waterless urinals, flush valve sensors on all sinks and toilets, irrigation with a drip system, efficient lighting as well as photocells, and recycled content carpet, ceramic tiles, drywall, insulation, roofing and cabinets. These items all counted toward Green Business certification as well as the following operational measures the library initiated; placing recycling containers in all public and staff areas, purchasing recycled content tissue paper and copy paper, using rechargeable batteries and refurbished toner cartridges, and donating leftover paint to the anti-graffiti program.
- **David J. Powers and Associates** – As environmental consultants and planners, it made sense for David J. Powers and Associates to become a certified Green Business. The staff is very diligent about reducing their paper waste; they make double-sided copies, have reduced their junk mail, send information to staff and clients electronically, and purchase recycled content copy paper and other office items. The company has helped reduce air emissions by joining the “Spare the Air” program, offering telecommuting and patronizing services close to their business so employees don't need to drive.

Number of newly enrolled businesses:

In addition to the 25 businesses that were previously (last FY) enrolled in the program, including the Santa Clara Valley Water District, there are 11 newly enrolled businesses in various stages of certification. The enrolled businesses are:

1. Agilent Technologies
 2. Anderson Brulé Architects
 3. Curtis Horticulture
 4. Enviro Systems
 5. Flora Terra
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6. Raines, Melton & Carella, Inc.
7. Reel Grobman & Associates
8. Santa Clara County Integrated Waste Management
9. Santa Clara County Agriculture and Resource Management
10. Santa Clara County Regional Occupational Program
11. Silicon Valley Manufacturing Group

Ongoing Activities

Recruitment Strategies

Over 200 businesses have been contacted regarding Green Business participation. Contacted businesses were generally selected through referrals from other agencies or businesses, or had expressed interest in the program in the past. City of San Jose staff recently provided a list of inspected businesses that meet requirements for placement on San Jose's three-year waste water/storm water inspection cycle. Since these businesses have shown the ability to reliably remain in compliance, they are good candidates for the Green Business Program.

County staff has also recruited from lists of businesses generated by Santa Clara Valley Water District and City of San Jose Environmental Services Agency Water Efficiency Program. These lists include businesses that have recently installed water technology improvements.

The West Valley Branch Library has completed the certification process and future plans include certification of Vineland and Branch Library and City Parks near libraries and community centers, creating a "Green Neighborhood." Meetings with necessary staff are in process to establish targeted facilities to create Green Neighborhoods. Staff includes city architects, Councilmember Linda LeZotte's staff, Environmental Services Department and Parks and Recreation Department.

County staff is working with San Jose's Environmental Services Department, Silicon Valley Chamber of Commerce, professional and business associations like the Pacific Industrial and Business Association (PIBA) and Sustainable Silicon Valley (SSV) to assist in promoting and enrolling businesses into the program. The Sustainable Silicon Valley (SSV) initiative is a multi-stakeholder collaborative initiative to produce significant environmental improvement and resource conservation in Silicon Valley through the development and implementation of a regional environmental management system (EMS). Future plans include working with various industry-specific leading organizations such as Building Owners and Management Association (BOMA), other chambers of commerce and multi-stakeholder partnerships.

Outreach:

County staff has recently developed a new look and feel for the Green Business. This effort includes outreach materials and components used by businesses to go through the Green Business certification process. In addition, staff has developed a website specific to Santa Clara County Green Businesses (there is a regional website that lists Green Businesses in the Bay Area region -green.abag.ca.gov). The website is continually being updated with information about the newly certified businesses and also includes the enrollment form and checklists necessary for starting the certification process. The website can be accessed at greenbiz.sccgov.org

Staff has been staffing booths and attending strategically chosen events such as:

- Sustainable Landscape Conferences
- National Turf and Landscape Conference
- P.G.&E. Energy Efficiency Incentives and Demand Response Program at AMD
- Annual PIBA Conference

Staff participated in the judging process for the 13th Annual Business Environmental Network (BEN) Awards. In the last 13 years, over 100 businesses and organizations have been awarded through this program. Because of their commitment to the environment, many of these businesses have been targeted as potential Green Business Program candidates.

Countywide Expansion:

County staff has been working with other cities to expand the Green Business Program countywide. Cities that have been participating in the Green Business Program include San Jose, Palo Alto, Gilroy and Morgan Hill. Staff is in the process of securing funding and participation from the cities of Cupertino, Milpitas, Monte Sereno, Sunnyvale and Mountain View for FY 05. County staff is also looking to secure additional funding from PG&E.

Regional Efforts

Regional efforts continue to include regional public awareness of the Green Business Program. Funding has been secured to develop regional marketing materials. This effort includes general identity and branding of the program at a regional level.

Regional and County of Santa Clara staff are currently developing a database to aggregate environmental data from all of the participating counties. This project is being lead by EFC9 (Environmental Finance Center Region 9) and DTSC (Department of Toxic Substance Control) with County of Santa Clara support. The region will be making efforts to build a database to collect environmental savings, cost savings and other related information to assist with reporting, grant writing and promotional efforts. The benefit of these services provides regional as well as local environmental measurable data to the participating counties.

The Bay Area Air Quality Management District is working with the Regional Green Business Partners to improve air district relations and the verification process. County staff is participating in providing input on mainstreaming processes with the Air District.

Efforts are continuing to develop a garment cleaner's checklist. San Francisco staff is taking the lead in developing the checklist.

Future Activities

In addition to ongoing recruiting efforts, staff will be attending several upcoming events, including

- SSV Water Sustainability workshop at NASA
- San Jose Silicon Valley Chamber of Commerce Annual Business Expo
- Palo Alto Chamber of Commerce Networking Breakfast
- Various Earth Day events

Future outreach efforts include targeted media coverage, outreach/marketing to businesses and general public (Earth Day ads, profiles, etc.)

County staff is continuing to work on policies to further strengthen and provide guidance on consistent implementation and high quality of the Santa Clara County Green Business Program. Staff is also updating and generating new tools and reference materials to be used by participating businesses, such as:

- Informational sheets on environmentally friendly janitorial and cleaning products

- Resources on pollution prevention measures
- Sample letters to be sent to contractors and suppliers such as building management companies