

"I look forward to our 2008 and beyond partnership. I really appreciate all that FEA has done to guide us on our journey."

-Ms. Cyndi Smith, CFM, Facility Manager, Vision Service Plan (VSP)

Are you interested in LEED for Existing Buildings Certification?

Here are the top five things you should know about your facility before you start the certification process:

1. **Energy Efficiency:** What is your ENERGY STAR Score?
2. **Water Efficiency:** What is your water consumption?
3. **Sustainable Purchasing:** What are you bringing into your building?
4. **Waste Reduction:** What is going out of your building?
5. **Outside Air & Green Cleaning:** What is the quality of your air?



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To learn more about how FEA can help you, please visit our website at www.feapc.com

LEED® FOR EXISTING BUILDINGS CASE STUDY



70% of waste recycled
27% annual energy savings
50% annual water savings

"Our platinum certification is a significant achievement in sustainability, and marks a milestone in VSP's ongoing efforts to become a model of energy and resource efficiency. The team that worked on this project set the bar at the highest level and met their goal. We will benefit from this achievement for years to come."

-Mr. Steve Hibbs, Director,
Corporate Services, VSP

**VSP Vision Care
Rancho Cordova, California**

The Road to LEED-EB Platinum Certification



Main Goals for the Certification Project

In 2006, a VSP assembled a team to see how one company could make a difference. The goals were to achieve operational excellence at the main headquarters building, HQ1, by reducing operating costs, improving the work place, and reducing their impact on the environment. They set three key performance measures:

1. Waste Stream – 95% diversion rate
2. Energy – 20% reduction from current use levels
3. Water - 50% reduction from current use levels



VSP's Mission

VSP is committed to sustainability, and actively working to be a model for other organizations and the community. Their goal is to improve environmental quality through wise business decisions including:

- conserving energy
- reducing waste
- reusing materials
- recycling



Accomplishments and Innovations

Improved education of facilities staff: Going through this process improved the team's knowledge of the building's operational processes and allowed for improvements.

Recycling: Performing the waste audit helped the team identify areas to improve our process and reduce our waste stream by an additional 40%.

Solar battery recharging station: VSP® mounted a solar panel on a breezeway to charge rechargeable batteries. This decreases the amount of batteries purchased as well as reducing recycling costs. Estimated a ROI is 1.4 years.



Project Summary

152,000 square foot building
 9,700 square foot data center
 Building constructed in 1992
 2,100 VSP team hours
 425 FEA team hours



Waste Reduction

VSP recycles:

- Cans, Bottles, and Metals
- Paper
- Fluorescent lights
- Batteries
- Construction Waste



By performing a waste audit, purchasing more recycling bins, improving education, and reducing non-recyclable consumables, they increased the overall diversion rate from 40% to **70%**!

Energy Savings

VSP Implemented:

- Optimizing lighting and HVAC controls
- Sub-metering electricity
- Daytime janitorial
- Employee education
- Retro-commissioning



Implementation Results:

Annual Energy Savings: 27 %
 Payback: 1.9 years

Water Savings



VSP achieved significant water savings by:

- Installing low-flow plumbing fixtures
- Installing aerators on faucets and dual flush valves on water closets
- Replacing spray irrigation with drip irrigation

Implementation Results:

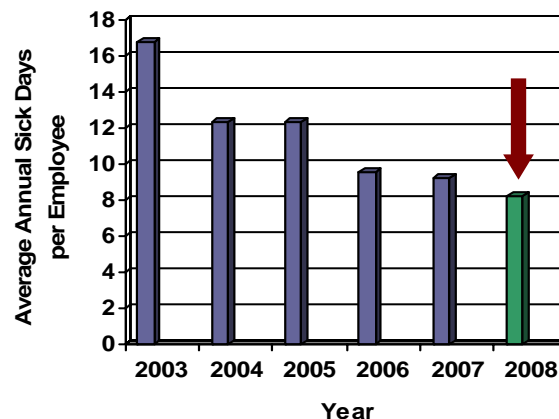
Annual Water Savings: 50 %
 Payback: 7.8 years

Healthy People Impact Profits

VSP has implemented several programs and measures targeted to improve employee health and wellness.

- Health food choices at main cafeteria
- No/low-VOC carpet, paint, and furniture
- Green cleaning products
- Green Guardians task force champions sustainability goals.
- Wellness program including diet and nutrition education, on-site exercise and gym memberships, team sports, and health and wellness evaluations
- Improved air filtration improves the overall air quality in the building

Through these programs, VSP is working to reduce employee sick time.



By reducing absenteeism one day per employee per year, VSP can save an average of **\$105,000** annually.