



Cleaner Air Partnership Quarterly Luncheon

Friday, November 4, 2011

West Sacramento City Hall Galleria

1110 W. Capitol Avenue, West Sacramento, CA

Meeting Summary

Participants

See below (40)

Welcome

Tom Stallard, CAP Chair, introduced the meeting and thanked past sponsors of the Cleaner Air Partnership, Union Pacific and Teichert, as well as new 2012 sponsors: the Sacramento Association of REALTORS and the Port of West Sacramento.

Mike Luken, Port Manager of the Port of West Sacramento, and sponsor of the luncheon, shared welcome remarks on behalf of the Port, the Port Commission, and the City of West Sacramento City Council. Mike share that the Port, like many businesses, faces financial challenges in today's economic environment, but they are starting to "see the light" with an increase in volume at bulk cargo ports.

The Port feels strongly that they are well positioned to help improve air quality as cargo moved through the Port reduces truck trips through the region. The Port of West Sacramento is one of the only ports in the nation which has 100% solar-powered lighting. Additionally, the Port has supported retrofits for the Sierra Northern Railroad, and various tree plantings.

As a small port, the Port of West Sacramento is constrained by available resources so they try to stretch their dollars as far as possible. They find value in investing in the Cleaner Air Partnership because they feel it helps them increase their reach in their efforts to improve air quality. Additionally, the CAP provides an opportunity for the Port to engage at a *regional* level. Mike closed with inviting participants to schedule a tour of the Port, and feel welcomed to use their meeting space at a future time.

Presentations:

Cindy Blain, Operations Director, Sacramento Tree Foundation

- Sacramento Tree Foundation (STF) will be celebrating their 30th anniversary in 2012.
- The STF began with three staff and today employs 30 people, making it one of the largest tree foundations in the nation.

- In the 1990's they set a goal to plant 1 million trees, with SMUD offering to plant 500,000 of them. Working towards this goal shifted the STF to have a more regional view, because air quality concerns don't stop at city or county borders.
- Generally, the STF advocates for the "right tree in the right place."
- The Sacramento Urban Forest is one of the most studied in the country.
- A tree needs about 1,000 days to become fully established.
- "Greenprint" is a regional vision, playing off the SACOG "blueprint", is the STF's roadmap for mobilizing and empowering community partners and volunteers to plant 5 million trees in the Sacramento region by 2025. Greenprint support's STF's goal to create healthy and livable communities by planting trees. The 5 million tree goal was set in 2008 and the Sacramento region seeks to have the largest urban forest in the nation.
- The 5 million number was generated based on data from a tree study which found the region currently has seven million trees, with spaces for 10-15 million. The five million tree plantings will encompass both new and replacement trees.
- 5 million trees will avoid 10M lbs of air pollution and \$25M of air pollution clean-up costs / year. Additionally it is estimated that 5M trees will help avoid 30% of summer cooling costs which is equivalent to \$50M of energy savings/year.
- Value from trees:
 - Increases a home sale value by 1%
 - STF is interested in conducting a study on the tree canopy's effect on health (suspect it increases exercise, decreases asthma, etc.) and the economics of the health impacts.
 - According to a NASA study, combined with other heat island mitigation measures, a comprehensive tree planting program can lower our region's summer temperatures by 3 degrees Fahrenheit and help reduce ground level ozone by 7%
 - Trees absorb, bind, intercept, and sequester pollutants. They also reduce air temperatures, provide shade, and reduce winter wind to curb energy use.
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- Planting trees is about building a better community.
- 90% of the benefits of trees come from the leaves, therefore, you want a big canopy. The trunk helps sequester carbon.
- Need sufficient soil to support the tree.
- Some trees are better than others with regards to helping clean the air.
- Goal: to include trees as new experimental voluntary control measure in State Implementation Plan (SIP) for the 10-year Sacramento Regional 8-Hour Ozone Attainment Plan.
 - Original plan to improve air quality by simply planting more trees. Other parts of the country were not successful getting this strategy approved by EPA.
 - Revised plan to improve air quality by shifting the tree species mix to plant trees that emit fewer Biogenic Organic Volatile Compounds (BVOCs). BVOCs are more readily quantifiable, which EPA requires.

- Of the 6.9M trees in the Sacramento region, the first step will be to shift 86,000 to trees with low BVOC emissions.
- For EPA to approve the inclusion of tree plantings in the SIP, need cities and counties in the region to support. The City of West Sacramento was the first to adopt an air quality and trees resolution where they commit to “increase the proportion of lower biogenic emitting tree species by up to 30%, where the tree planting does not conflict with native oak tree mitigation projects.”
- A long term goal of SMAQMD and the Sacramento Tree Foundation is for this voluntary control measure to drive research required to quantify the net effect of trees on air quality.

Dena Kirtley, Urban Forest Manager, City of West Sacramento

- The City of West Sacramento Urban Forest and Beautification Department seeks to integrate tree plantings with streetscapes, and offers free trees to schools and churches. They plant ~1,000 trees annually.
- Through the West Sacramento Tree Program up to 2 free 15 gallon shade trees are provided each year to property owners for energy savings and beautification of their home.
- Additionally, the West Sacramento Tree Program provides educational programs regarding proper tree maintenance.
- The City of West Sacramento joined as early adopters of Greenprint because they believe regional participation is necessary to help meet Federal and State air standards to improve public health. They believe that trees are a key element to meet these standards.
- They believe if CAP and area tree programs partner, they can help educate about the impact of tree on air quality and potentially generate additional funds for tree plantings and research.

David Wilkinson, President, Woodland Tree Foundation

- Woodland Tree Foundation (WTF) was founded in 2000 as a community response to shrinking city budgets.
- WTF has a good working relationship with the city.
- The official WTF slogan is “Community through Canopy,” but some like to say it is “Trying to keep the “wood” in Woodland.”
- WTF is currently a volunteer-only organization, but hopes to hire a part-time staff person soon.
- WTF has coordinated plantings of 1,500 trees in the past 10 years, which is about 10% of the city’s tree canopy.
- WTF maximizes resources through partnerships, currently partnering with Tree Davis and CalTrans to connect Davis and Woodland via CA Hwy 113 with a canopy of trees.

David Robinson, Board President, Tree Davis

- Davis is a “well-treed” city. The urban forest is the pride of the city.
- Tree Davis is an active membership organization that has planted over 80,000 trees.
- Tree Davis finds partnerships are key, with the “Neighbor Woods” program, most importantly, with the city of Davis. Tree Davis provides a valuable service to the City because they can plant trees less expensively using a volunteer workforce.
- Overall, Tree Davis’ biggest message is that cooperation of all organizations can accomplish much more.

General Comments:

- Recommend adding an allergy scale to the tree guides.
- Tree guides get people thinking, moving in the right direction, but there are not fast and hard right vs. wrong trees.

Partner Event Updates/ Announcements:

- **Breathe California of Sacramento-Emigrant Trails (BCSET)**, Kori Titus
 - May 18th will be the Clean Air Awards. 2012 will feature new award categories.
- **Sacramento Metropolitan Chamber of Commerce**, no update as leaders were at their annual retreat.
- **Valley Vision**, Tara Thronson
 - Next Economy, a collaborative effort with Valley Vision, the Metro Chamber, SARTA and SACTO to revive the six-county region’s economy by creating jobs and sparking investment, will be hosting the first of three forums at the City of West Sacramento City Hall building on November 15, 2011.
 - The next CAPTAC meeting will focus on the Air Quality legislative agenda for Cap-to-Cap on December 7th.
- **Leadership Sacramento**, Phil Tretheway
 - The 2011 Leadership Sacramento class includes 35 participants supporting the Sacramento Tree Foundation “Cover Your Asphalt” program which retrofits parking lots with trees. Join the planting event on Saturday, December 10th at 8:30am at Florin Road Bingo.
- **Yolo-Solano AQMD**, Mat Ehrhardt
 - Focused on core programs, trying to do more with less. This is a tough economy for new regulations.
- **Sacramento Metro AQMD**, Larry Greene
 - Similar to Mat, also focusing on the upcoming CAPCOA retreat.

Next Cleaner Air Partnership luncheon is scheduled for Friday, October 16, 2012 at 11:30 AM.

Participants:

First Name:	Last Name:	Company:
Keni	Addison	Sacramento Employment and Training Agency
Christine	Addisson	
Charles	Anderson	Sacramento Metro Air Quality Management District
Ryan	Bailey	BERC/Sacramento Area Sustainable Business Program
Jeane	Berry	Sacramento Metro Air Quality Management District
Rick	Bettis	Breathe California of Sacramento-Emigrant Trails
Cindy	Blain	Sacramento Tree Foundation
Nico	Bouwkamp	California Fuel Cell Partnership
Amy	Cameron	Port of West Sacramento
Sam	Cooney	City of West Sacramento
Christina	Davidson	
Niki	Davisson	UC Davis Center for Entrepreneurship
Teri	Duarte	WALKSacramento
Catherine	Dunwoody	California Fuel Cell Partnership
Mat	Ehrhardt	Yolo-Solano Air Quality Management District
Charles	Filmer	Tree Davis
Della	Gillera	Marketing by Design
Larry	Greene	Sacramento Metro Air Quality Management District
William	Ishmael	
Dr. Jayna	Karpinski-Costa	SMAQMD / City of Citrus Heights
Dena	Kirtley	City of West Sacramento
Argelia	Leon	Breathe California of Sacramento-Emigrant Trails
Michael	Luken	Port of West Sacramento
Paul	MacDonald	Union Pacific Railroad
Donald	Massengill	ADJ Services
Stan	Nader	Placer County APCD / City of Lincoln
Susan	Oto	SMUD
Christina	Ragsdale	Sacramento Metro Air Quality Management District
Alberto	Ramirez O	Teichert Materials

David	Robinson	Tree Davis
Jennifer	Romero	Valley Vision
Tom	Stallard	Rose Colored Glass Company
Lee	Stoltenow	Union Pacific Railroad
Darrell	Teat	Nehemiah Corporation
Sue	Teranishi	Breathe California of Sacramento-Emigrant Trails
Tara	Thronson	Valley Vision
Kori	Titus	Breathe California of Sacramento-Emigrant Trails
Phil	Tretheway	Marketing by Design
Christine	Welsch	Sacramento Employment & Training Agency
David	Wilkinson	Woodland Tree Foundation