



# 2012-13 ANNUAL REPORT

*Promoting A Future Without Landfills*

# Table Of Contents



## Crazy Horse Closure

After 75 years of service the Crazy Horse Landfill is closed for waste delivery, but a bright future may be ahead.

Page 18



## AUTHORITY STAFF

Promoting a great working environment.

Page 7



3	Board of Directors Mission, Vision, & Values
4	Message from the General Manager
6	Strategic Goals & Objectives
7	Authority Staff Best Places to Work 2013
8	Board Highlights
10	Marketing
11	Recycling Outreach RecycleRama
12	Statistics
14	Operating Budget
15	Cost Savings
16	New Recycling Programs
17	Grants Received It Pays to Recycle
18	Steam Autoclave & Digester Crazy Horse Closure
19	HHW Safe Disposal & Recycling

# Board of Directors

## Mission Statement

"To manage Salinas Valley solid waste as a resource, promoting sustainable, environmentally sound and cost effective practices through an integrated system of waste reduction, reuse, recycling, innovative technology, customer service and education."

## Vision Statement

"To reduce the amount of waste by promoting individual and corporate responsibility. To recover waste for its highest and best use while balancing rates and services. To transform our business from burying waste to utilizing waste as a resource. To eliminate the need for landfills."

## Values

Innovation  
Integrity  
Public Education  
Efficiency  
Fiscal Prudence  
Resourcefulness  
Customer Service  
Community Partnerships



Fernando Armenta  
President  
Executive Committee  
County of Monterey  
Since 1997



Liz Silva  
Vice President  
Executive Committee  
City of Gonzales  
Since 2010



Jyl Lutes  
Alternate Vice President  
Executive Committee  
City of Salinas  
Since 2010



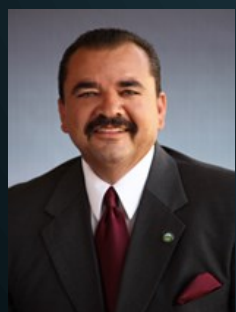
Gloria De La Rosa  
City of Salinas  
Since 2001



Lou Calcagno  
County of Monterey  
Since 1999



Robert Cullen  
City of King  
Since 2008



Tony Barrera  
City of Salinas  
Since 2013



Annie Moreno  
City of Greenfield  
Since 2003



Richard Perez  
City of Soledad  
Since 2010

# Letter from the General Manager



The Salinas Valley Solid Waste Authority completed a challenging year on a very strong note. The Board of Directors took a major step forward in implementing its sustainable finance plan by adopting a new rate structure to reflect the decline in use of our local landfills. As our community continues to recycle more and more, we can no longer depend on revenue from landfilling of waste to pay for our recycling and waste diversion programs (to keep this same waste out of our landfills). We can also no longer rely on importing waste from other communities to pay our bills and fill up our landfill. This outside revenue source is neither sustainable nor guaranteed as all California communities are now facing new mandates to keep more garbage out of our local landfills. Resource recovery and recycling should remain our primary business, not landfilling and long term storage of waste.

In response to these financial challenges in our industry, the Authority is now collecting a new waste recycling/recovery fee (also known as an AB 939 fee) that is not tied to burying waste in our landfill. This fee allows for independent funding of our public waste diversion, recycling and education programs. The new fee also allows the Authority to operate without the need to import waste in the future. As we see more savings through reduced landfill operation costs, these savings can be re-purposed for more waste recovery and recycling, and one day realizing a world without landfills.

To this end, the Board of Directors has developed a new set of goals for our next strategic planning period (2013-2016).

- Implement and fund 75% diversion of waste from landfills
- Complete development of the Salinas Area Transfer Station and Materials Recovery Center
- Use closed landfills to generate revenues
- Increase public access, involvement and awareness
- Reduce landfill operational costs and improve services



While many of the overarching goals have changed from the last planning period, all the new goals are extensions of the successful implementation of goals from the last planning session from 2010-2013.

Staff development remains a key to our success. This year's focus was on succession planning and training our future leaders. We saw key promotions to our leadership team, internal reorganization efforts to improve efficiency and team communications, expansion of our open communications policy, staff mentoring, and formation of internal working groups to address a variety of community, operational and personnel needs. All our efforts culminated in the Authority receiving an award from the Monterey County Business Council as one of the "Best Places to Work" in Monterey County.

The Authority continues to promote internal savings through staff initiatives, ideas and projects. A brief summary of cost saving initiatives is included in this report and reflects on a wide variety of creative ideas from staff, from simple contract changes to taking non-traditional approaches to major capital projects. Leveraging partnerships with private businesses also provides for cost savings, risk reduction and a stronger sense of community. Much of our focus in 2012-2013 has been on bringing project ideas and partnerships forward that will benefit our customers, and create economic benefits for the region through new local jobs, economic stimulus and demand for support services.

As we move into the new fiscal year, staff and I are very hopeful that the impediments to moving forward with the Authority Strategic Plan will be resolved and the County of Monterey will remain a committed partner with the Salinas Valley Cities in reducing community waste and all its impacts. Long standing plans to create a permanent home for the agency are moving forward in hopes of realizing the Authority's (and the region's) economic goals to attract new technologies and ventures into the Salinas Valley to support regional growth, jobs and a truly sustainable waste management system for the community.

On behalf of staff, we want to personally thank the Board of Directors for their diligence, support and public transparency through this challenging year.



R. Patrick Mathews  
General Manager, Chief Administrative Officer



# Strategic Goals & Objectives

## MOVING FORWARD WITH A PURPOSE:

Strategic Goals and Objectives keep an Agency focused on a planned path.

Status	Goal & Objective
	<b>Develop and Implement a Sustainable Finance Plan</b>
✓	Request and hold a joint meeting with the County Board of Supervisors.
✓	Recommend for Board action how to use South Valley monies.
✓	Report the impact of different scenarios on the Capital Improvement Plan.
✓	Present options for a rate motel and determine the rate model for 2013-2014.
	<b>Promote the Authority's Role and Value as a Resource Recovery Agency</b>
Continued	Create a new television and radio ad campaign to promote our new logo and name.
✓	Create at least two news releases related to the Authority's role as a resource recovery agency.
✓	Post at least one post per week on facebook relating to the Authority.
	<b>Achieve 75% Diversion by 2015</b>
Continued	Ensure that Global Organics Energy completes its engineering and plans and specifications.
✓	Conduct six home composting public workshops.
✓	Increase by 2% the amount of recycling and tonnage diverted at the Authority facilities.
Continued	Ensure that the USDA Methane Digester grant is completed.
	<b>Enhance Existing Facilities, Equipment and Public Services</b>
✓	Complete the Crazy Horse Landfill closure construction.
Continued	Obtain commitment from county, state, and federal levels for funding to reconstruct landfill truck route.
✓	Present for Board action a recommendation for an equipment replacement program.
✓	Present for Board action an in-house environmental control system operations plan.
Continued	Update the Storm Water Pollution Prevention Plan for all landfills to comply with new regulations.
✓	Apply for a Tire Derived Aggregate Grant for the Johnson Canyon Landfill Gas Collection System.
Continued	Present for Board action the Salinas Area Material Recovery Center Siting and Land Swap/Acquisition Plan.
Continued	Present for Board direction how to use existing closed landfills for potential benefit or revenue.
	<b>Promote &amp; Maintain a High Performance, Efficient &amp; Flexible Workforce</b>
✓	Identify and present one new safety strategy to enhance the Safety Program for employees.
✓	Develop and present for Board action a formal Succession Policy to include career development.
✓	Create and distribute to field personnel a Field Personnel Training Plan.
Continued	Update and present on August 2013 for Board action, the Administrative Procedural Manual.
✓	Align the Workforce Performance Objectives and training requirements with the Strategic Plan.

# Authority Staff

## DID YOU KNOW

**Authority staff processes 2,400,000 lbs. of material each day at our facilities.**

The Authority understands there is no one key to a successful agency. Each employee is part of a larger picture and understands how their work is important to the Agency's vision of a future without landfills. Employees are encouraged to provide feedback and suggestions to improve efficiency and customer service. To promote suggestions and an open environment, the General Manager schedules regular meetings with staff from various departments to discuss a variety of topics.



Araceli assisting a customer unload her household hazardous waste at the Sun Street Transfer Station.

Monica recording a commercial promoting recycling.



Candy receiving customers at the Johnson Canyon Landfill.

## Best Places To Work 2013

**Awarded by the Monterey County Business Council**

The Authority was selected with five other organizations as the "Best Places to Work" in Monterey County for 2013 by the Monterey County Business Council. This recognition demonstrates the Authority's effort in providing a great working environment for employees. In the past five years only one employee has left the Authority. A total of 50 businesses applied for the annual competition.





# Board Highlights

## August 2012

- ✓ Staff was directed to study the refinancing of the 2002 Revenue Bonds to achieve savings.
- ✓ Monterey County Board of Supervisors submitted a notice of intent to withdraw from the Authority. Directors Cullen and De La Rosa were later appointed to a subcommittee to meet with County Board representatives regarding this notice.
- ✓ Gonzales Leadership Academy 2012 was recognized for participating in the environment-focused leadership program through the Gonzales Grows Green (G<sup>3</sup>) community initiative.



## September

- ✓ Salinas Bowmen received a 5-year extension to lease acreage at Crazy Horse to provide archery programs to local youth.

## STAY UPDATED

Stay up to date with the latest information by viewing the Authority's Agendas online.

[www.SalinasValleyRecycles.org/board\\_of\\_directors.cfm](http://www.SalinasValleyRecycles.org/board_of_directors.cfm)

## October

- ✓ Approved providing franchise hauler contract administration services to the Cities of Gonzales, Soledad and Greenfield.
- ✓ Greenfield High School and Jalisco Market were recognized for their successful recycling efforts.
- ✓ The Authority was awarded a new Tire Amnesty Grant for this fiscal year with dates set for September through October.

A poster for "FREE TIRE RECYCLING". It features a stack of old tires on the left and a single tire in the foreground. The text reads: "FREE TIRE RECYCLING", "Drop off your old tires for FREE during Worn-out Wheels Weeks". It lists three locations: September 16-28 in King City (Jolon Road Transfer Station), October 7-20 in Gonzales (Johnson Canyon Landfill), and October 28-November 23 in Salinas (Sun Street Transfer Station). It includes bullet points: "Car and small truck tires with or without rims", "Residents only; no businesses", and "Limit 9 tires per trip". It also mentions "Recycling your worn out tires is another step toward a future without landfills." and provides contact information: "For hours, directions or more information, call SVSWA at 775-3000 or visit SalinasValleyRecycles.org". Logos for CalRecycle and SalinasValleyRecycles.org are at the bottom, along with the note "Funded by a Grant from CalRecycle."

- ✓ The Board participated in a strategic planning workshop to determine the Authority's path moving forward. Some outcomes of the retreat were:
  - 1) Communicate with Monterey Regional Waste Management District to determine their interest in a partnership or merger of the two agencies or a joint use of landfill capacity and Autoclave System.
  - 2) Begin environmental review on the Materials Recovery Center and Autoclave Processing Center.
  - 3) Extend the agreements with Recology for one year.



## November

- ✓ The Audited Financial Statements were presented, and no management letter was received for the fourth consecutive year. A management letter provides recommendations to improve fiscal controls.
- ✓ A new name and logo for marketing purposes were approved.



## December

- ✓ Staff presented the next steps to refinancing the Revenue Bonds including an overview of the costs to withdraw which would be presented to the County.

## January 2013

- ✓ A strategic planning session was held to review the 2010-13 strategic plan and its progress. New six month objectives were developed, including:
  - To request a joint meeting with the County Board of Supervisors to discuss their agency membership; and,
  - To determine the rate model for Fiscal Year 2013-14.
- ✓ Three new Board members were welcomed :



**Tony Barrera**  
**Salinas**



**Raul Rodriguez**  
**Greenfield**  
**(Alternate)**



**Carlos Victoria**  
**King City**  
**(Alternate)**

- ✓ A formal response to the Civil Grand Jury Report was approved correcting inaccuracies and providing responses. A full copy can be download from the Authority's website.

## February

- ✓ An Enhanced Outreach Program was approved providing guidelines to further increase public awareness of Authority activities.
- ✓ The Board approved ending the financial dependence on revenue received from imported waste to cover operations.

## March

- ✓ The rates increase public hearing was postponed at the request of Monterey Bay Area Managers Group so that they can present a proposal for a county-wide solid waste framework recommendation.

## April

- ✓ Estancia Winery was recognized for achieving 51% waste reduction through recycling programs.
- ✓ The Monterey Bay Area Managers Group requested a postponement of the FY 13-14 Rates & Fees until after they present their proposal at the joint meeting.
- ✓ At the April 30 joint meeting, the Board of Supervisors agreed to consider rescinding its notice of intent to withdraw pending further discussions within 90 days. Both Boards supported studying the Managers Group proposal.

## May

- ✓ The new rate structure was approved establishing an AB939 service fee. This removes the Authority from an antiquated rate structure to a new rate structure that takes into account increased diversion rates. More than 90,000 flyers were mailed to local residents and businesses to allow for public input.

## June

- ✓ Received notification that the Authority will soon be losing its imported waste contract.
- ✓ The Board committed to the Managers Group proposal with recommendations for a more comprehensive study.

# Marketing

## GETTING THE WORD OUT: A Recycling Agency Is Only As Successful As Its Marketing Plan.

The Authority understands the value of a successful marketing program. Residents are more than willing to take advantage of programs and services, but only if they are informed about them. Social media, internet, radio, television, newspapers, mail are all great methods of communicating and a necessity to any successful Recycling Agency.

## Special Media Campaigns

### Tire Recycling

Newspaper ads in El Sol, Salinas Californian, South County newspapers and Auto Shopper Magazine  
Radio ads on KDON, KPRC, KRAY, KMJV, KTGE and KLOK  
Press release and on-site event with Radio Tigre

### Household Hazardous Waste Recycling

TV spots on KSBW, KMUV, KSMS, KION and KCBA  
Radio spots on KDON, KPRC, KLOK, KRAY, KMJV and KTGE

### Holiday Tree Recycling

Newspaper ads in El Sol, Salinas Californian and South County newspapers  
Radio ads on KDON and KPRC

### New Rate Structure

Direct mailings to all customers and press releases  
Newspaper ads in El Sol, Californian, and South County newspapers  
Radio ads on KTGE, KMJV, KLOK, KRKC, KDON, KPRC and KRAY

### Plug or Play Recycling Event

TV media on KSMS, KMUV, KSMS KION and KCBA  
Radio media on KLOK, KRAY, KMJV, KTGE, KPRC  
Newspaper columns and Web ads  
Interviews and news segments on KION News

## PUBLIC EVENTS

The Authority participated in  
42 local community events  
(not all listed)

Farm Day - Salinas & King City  
Environmental Compliance - King City  
Monterey County Cleanup - Salinas  
Earth Day Event - Toro Park  
Dia Del Niño - Gonzales & Salinas  
Chamber of Commerce Mixer - Salinas  
Health and Safety Day - King City  
Boys and Girls Club Career Day - Salinas  
Health Kids Fair - Soledad  
El Grito Event & Mixer - Salinas  
Gonzales Cleanup Event - Gonzales  
Colmo Del Rodeo Parade - Salinas  
Gabilan School Day - Soledad  
Aromas Days - Aromas  
South County Expo - Soledad  
Salinas Valley Fair - King City  
PG&E Zero Waste Event - Salinas  
Gonzales Health Day - Gonzales

Include your local event by calling  
775-3000



Monica participating in an over the air interview for KTGE Radio Tigre's weekly lunch giveaway.



Elia answering recycling questions from KTGE Radio Tigre Staff.



# Recycling Outreach

The Authority is always striving to promote organizations to become more aware about reuse and recycling opportunities in the community. Twenty eight recycling presentations were provided to different schools and organizations throughout the Salinas Valley. Each organization was provided with guidance and materials to improve their recycling programs.

## PRESENTATIONS

**The Authority provided 28 presentations to local community organizations (Not all listed)**

Monterey Park Composting - Salinas  
 Worm Composting - Salinas  
 Madonna Del Sasso - Salinas  
 Market Street Apartments - Soledad  
 Jalisco's Market - Gonzales  
 Canyon Creek - Gonzales  
 Head Start Recycling - Salinas  
 Tynan Village - Salinas  
 Santa Rita - Salinas  
 Sherwood Head Start - Salinas  
 Gonzales Head Start - Gonzales  
 Short Term Crisis Center - Salinas  
 YMCA - Salinas  
 Environmental Leadership Academy - Gonzales  
 Los Padres School - Salinas  
 Boys and Girls Club - Salinas  
 Salvation Army - Salinas  
 Salinas Surgery Center - Salinas  
 Parent Teachers Association - Salinas  
 Frank Paul - Salinas  
 Head Start Center - Greenfield  
 Hartnell College - Salinas  
 Little Friend Preschool - Soledad  
 Salinas Valley Fair Grounds - King City  
 Washington Middle School - Salinas  
 YMCA Summer Camp - Salinas  
 Oasis Charter School - Salinas

**Include your organization  
 by calling 775-3000**



Estela presenting recycling information at a local school.



Patrick leading a tour for the Environmental Leadership Academy at the Johnson Canyon Landfill.

# Recycle Rama

## 47 RECYCLERAMA SHOWS

were provided to local organizations

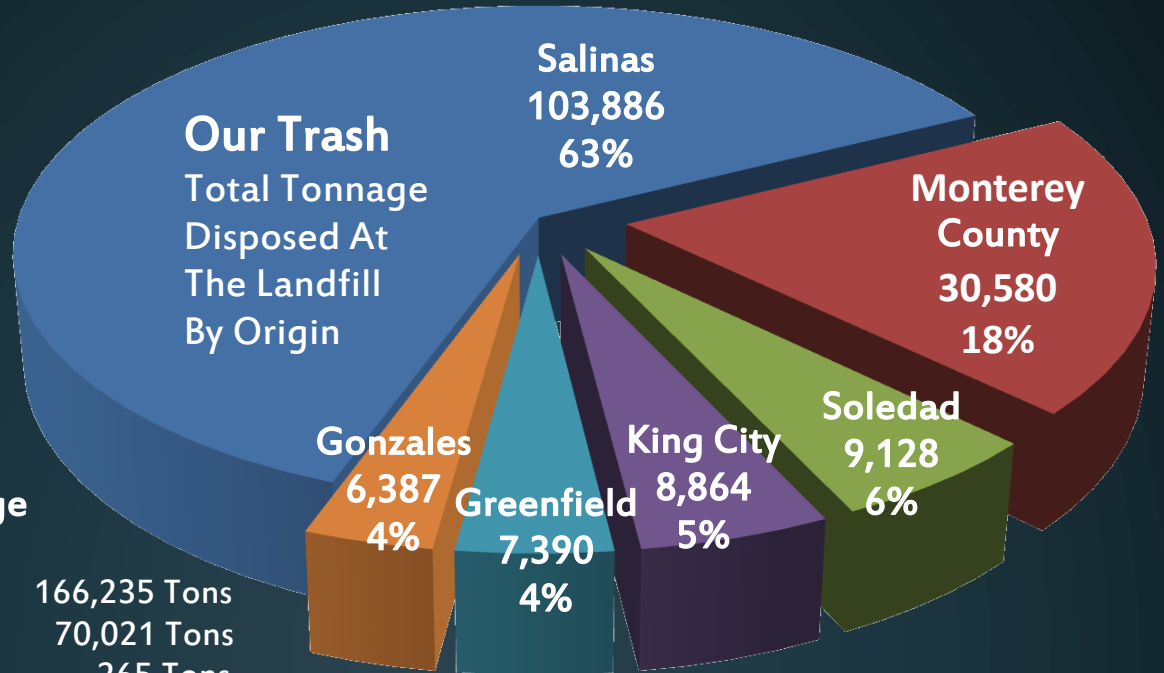
RecycleRama is an outreach program that is sponsored by the Authority, performing 47 shows for various schools and other organizations throughout the Salinas Valley. The program consists of promoting the three Rs: waste Reduction, Reusing items, and Recycling. The show is performed through a fun and interactive presentation to get kids involved and interested in recycling.



If you would like to have an event at your organization or school, **please contact us at (831) 775-3000.**



# Statistics



## Landfilled Tonnage FY 2012-13

Authority Area: 166,235 Tons  
 Santa Clara Valley: 70,021 Tons  
 Other: 265 Tons  
 Total Tons Landfilled: 236,521 Tons

## DIVERSION AT AUTHORITY FACILITIES

	Salinas	Monterey County	Soledad	King City	Greenfield	Gonzales	Total
<b>Tons Received</b>	126,977	36,036	14,915	10,085	9,227	8,177	205,417
<b>Diverted Greenwaste</b>	16,478	4,831	1,695	933	1,428	1,216	26,581
<b>Diverted C&amp;D</b>	1,152	339	29	70	85	48	1,723
<b>Diverted Biosolids</b>			3,411		234		3,645
<b>Diverted Other</b>	5,461	286	652	217	90	527	7,233
<b>Total Tons Diverted</b>	23,091	5,456	5,787	1,220	1,837	1,791	39,182
<b>% Diverted</b>	18.19%	15.14%	38.80%	12.10%	19.91%	21.90%	19.07%
<b>Tons Landfilled</b>	103,886	30,580	9,128	8,865	7,390	6,386	166,235

# ANNUAL DIVERSION RATES

MEMBER	2005	2006	2007	2008	2009	2010	2011	2012
Salinas	60%	61%	64%	70%	69%	71%	71%	71%
Gonzales	45%	40%	62%	64%	62%	62%	61%	65%
Soledad	54%	50%	55%	59%	60%	59%	63%	66%
Greenfield	23%	24%	55%	56%	54%	50%	52%	48%
King City	78%	78%	76%	79%	80%	81%	84%	84%
Unincorporated Monterey County	63%	54%	54%	53%	62%	58%	62%	62%

**2012**  
**REGIONAL**  
**DIVERSION**  
**RATE**  
**71%**

## HISTORICAL LANDFILL TONNAGE



# Operating Budget



**\$170,600** in revenue was collected from metal recycling for FY 2012-13.

	Actual FY 2011-12	Actual FY 2012-13	Budgeted FY 2013-14
<b>Revenue</b>			
Tipping Fees	\$ 12,272,036	\$ 12,979,864	\$ 13,132,600
South Santa Clara Valley	2,243,315	2,340,962	2,318,800
Investment Earnings	38,044	54,636	80,200
Sales Recycled Materials	419,614	392,958	572,500
Grants & Other Revenue	333,818	148,541	
Charges for Services	117,916	118,020	117,000
AB 939 Services			1,732,000
<b>TOTAL REVENUE</b>	<b>\$ 15,424,743</b>	<b>\$ 16,034,981</b>	<b>\$ 17,953,100</b>
<b>Expenditures</b>			
Administration	\$ 2,102,079	\$ 2,262,955	\$ 2,164,200
Resource Recovery	2,116,629	2,163,357	2,348,400
Scalehouse Operations	318,113	331,920	371,650
Landfill Operations	3,519,181	3,574,051	3,714,600
Transfer Stations Operations	2,570,646	2,551,898	2,639,650
Environmental Control System	865,895	1,137,349	1,367,700
Closure Costs	264,708	259,287	277,000
Debt Services	3,139,651	3,140,051	3,141,800
<b>TOTAL EXPENDITURES</b>	<b>\$ 14,896,902</b>	<b>\$ 15,420,868</b>	<b>\$ 16,025,000</b>
<b>NET OPERATING REVENUE</b>	<b>\$ 527,841</b>	<b>\$ 614,113</b>	<b>\$ 1,928,100</b>



A landfill gas to energy plant has been installed at Johnson Canyon and anticipated to produce 1.4 megawatts annually.



The Authority paid \$3,300,000 to contractors to operate the Johnson Canyon Landfill and Jolon Road Transfer Station for FY 2012-13. A cost analysis will be performed to determine pros of performing work by Authority staff.

## MORE DETAILED INFORMATION

To view the Authority's latest financial information including budget documents and audited financial statements go online.

[www.SalinasValleyRecycles.org/finance.cfm](http://www.SalinasValleyRecycles.org/finance.cfm)



# Cost Savings

## PROMOTING SAVINGS

The Authority promotes and provides the tools needed for employees to find cost savings.

The Authority understands that it would be extremely costly to have every recycling program performed by Authority staff. Instead, staff has partnered or utilized various programs already in place to provide a service needed.

Permit Adjustments - Staff adjusted the Sun Street Transfer Station permit to allow more waste. This step enabled the reduction in waste taken to the Madison Lane Transfer Station. **Savings: \$70,000**

Staff performed storm water improvements at the Sun Street Transfer Station. **Savings: \$15,000**

Staff completed site winterization at the Lewis Road Landfill, Crazy Horse Landfill, Johnson Canyon Landfill and Jolon Road Landfill. **Savings: \$45,000**

Equipment Upgrades - Instead of replacing the Authority's servers, upgrades were purchased and installed by staff. **Savings: \$10,000**

Staff completed replacement of perimeter fence at the Johnson Canyon Landfill. Lowest quote for materials and services was \$19,000. Staff completed project using Authority staff at a cost for materials and service of \$10,000. **Savings: \$9,000**



**Crazy Horse Landfill Closure Ceremony**  
The closure project was performed using Authority staff. **Savings: \$2,300,000**

Staff completes document translation of documents into Spanish. Lowest quote for translation services was \$175 per hour. Staff decided to perform this task internally and to better standardize translation, a committee was formed to create a common terminology guide. **Savings: \$6,000+ annually**

Staff negotiated a lower price for copier equipment maintenance. **Savings: \$2,000 annually**

Staff negotiated a lower per unit cost for mattress recycling with no additional transportation cost. **Savings: \$1,000 annually**

Authority staff performed the removal of silt at the Crazy Horse sedimentation basin. **Savings: \$17,000**

Staff completed in-house development of renewal of permits for all sites instead of using consultants. **Savings: \$40,000**

Staff repaired the Jolon Road Landfill top soil final cover system. **Savings: \$21,000**

# New Recycling Programs

## PROMOTING A FUTURE WITHOUT LANDFILLS

Creating new ways to recycle items that were once considered trash.

As we increase recycling in our communities, more opportunities for recycling items that were once considered trash are becoming reality. Below are new programs the Authority has created to provide more recycling opportunities to residents and businesses in the Salinas Valley.

## POLYSTYRENE RECYCLING

The Authority began a polystyrene recycling program in partnership with Waste Management. Polystyrene can be brought to the Sun Street Transfer Station at no cost. Once a container is full of polystyrene it is taken to Waste Management where it is recycled into other polystyrene based products.



Polystyrene container at the Sun Street Transfer Station.

## CARPET RECYCLING

The Authority is now recycling residential carpets and carpet padding at the Sun Street Transfer Station. To offset the cost of transportation there is still a cost for recycling carpet and carpet padding.



Carpet and carpet padding rolls ready for transportation to recycler.

## COMPOSTING WORKSHOPS

The Authority has partnered with local businesses and residents to host local composting workshops. The first workshop was held at a garden behind Morelia's 99 Cents Store & Up. Several residents attended and were able to learn about the essentials of composting and gardening.



Estela leading a composting lesson at a local Community Garden.





# Grants Received

## TIRE DERIVED AGGREGATE \$85,208

The grant provides funding for the installation 4,400 linear feet of well lines to complement the existing vertical landfill wells at Johnson Canyon Landfill. This project will utilize the existing landfill gas system and will enhance the current methane emission control system, as well as capturing new emissions resulting from future waste.

## HHW COLLECTION EVENTS

**\$63,444**

The Household Hazardous Waste Collection Events Grant provides funding for 63 individual collection events. Events will be held in Prunedale, Johnson Canyon Landfill and Jolon Road Transfer Station.

## HHW SHARPS

**\$10,685**

The grant will provide two sharps kiosks to serve as drop-off locations for sharps (needles, syringes, and lancets) in the south county communities and provide the Authority with free sharps containers to distribute to residents. The kiosks will tentatively be placed in October 2013.

# It Pays to Recycle

## Alvin Square Shopping Center

**Savings - \$7,800**

Authority staff, in partnership with Christina Victorine of Republic Services of Salinas, completed a waste assessment to determine what recyclable materials were being discarded in the 30 cubic yards of weekly garbage capacity utilized by eight businesses in the complex. Four of the larger stores in the complex already had recycling service in place but the others had no organized recycling program or service. The majority of the items in the trash consisted of the following recyclable items: cardboard, plastic containers, tin cans, newspapers, etc. To promote recycling, each business received free training on what materials could go in the recycling dumpster and cart. Free internal recycling bins were also provided to each business to promote recycling by customers and employees.

**SAVINGS:** Alvin Square was able to reduce their trash capacity by over 35% and implement recycling service which resulted in a **savings of over \$7,800.00 annually!**

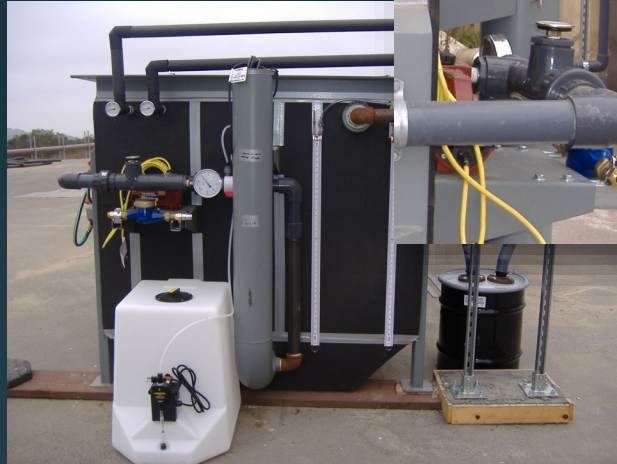


Mandy, Estela, Guille performing a waste audit with the assistance of Republic Services.



# Steam Autoclave & Digester

The pilot steam autoclave has allowed the Salinas Valley Solid Waste Authority, Global Organics Earth and the United States Department of Agriculture to test various blends of municipal solid waste, food and green waste, to determine the volume reduction and recovery of recyclable materials. The current use of post autoclave material will be to determine the amount and quality of paper fiber and methane gas which can be produced in a controlled environment. A digester basin has been fabricated for this purpose utilizing grant funding from the USDA. The research project is anticipated to begin the fermentation process in October 2013, with conclusions on the process and performance determined in early 2014.



David Bozzi from USDA completing final work on digester unit.

The Authority continues to work with Global Organics Energy on the siting of a commercially sized steam autoclave demonstration unit, proposed for temporary location at the Johnson Canyon Landfill.

## Crazy Horse Closure Project



Aerial view of the Crazy Horse Landfill

After 75 years (1934-2009) of service the Crazy Horse Landfill has been closed. A closure ceremony was held on June 20, 2013 to celebrate all the various technological advancements that were accomplished to complete the Landfill's closure. The Landfill will continue to be monitored for environmental safety.

Currently projects are being studied to utilize the Landfill for useful purposes including a Landfill Gas to Energy plant and installing solar panels fields. The Landfill is the current location for the Demonstration Autoclave Digester project.

# HHW Safe Disposal & Recycling

As businesses become more involved with creating opportunities for customers to recycle their used or old products by creating mail back programs or drop off stations, there are still some items that need to be taken to household hazardous waste facility for safe disposal.

Residents and small business can bring their HHW material to the Sun Street HHW facility. In addition, the Authority will be hosting several HHW events at the Johnson Canyon Landfill, Jolon Road Transfer Station and in Prunedale. Dates will be made available on our website and facebook page, or you can call 775-3000 and asked to be placed on the call list when the dates become available.



David and Edwin removing freon from refrigerators.

Araceli and Jason assisting a customer unload HHW.



## HHW Collection FY 2012-13

Material	Pounds Collected
Flammable Solids / Liquids	10,024
Oil Base Paint	59,505
Poisons	17,950
Acid	5,075
Base	14,350
Oxidizer	1,170
PCB	640
Antifreeze	5,310
Auto Batteries	3,246
Latex Paint	89,400
Motor Oil & Filters	78,185
Mercury containing	50
Fluorescent Lamps	16,382
Household Batteries	1,541
Electronic Waste	526,460
Universal Waste	394,425
Medical Waste	1,245
Gas Cylinders	4,950
Other Materials	12,925
<b>Total Pounds Collected</b>	<b>1,242,833</b>
<b>Total Customers for 2012-13</b>	<b>9,125</b>

**90% of the HHW material received was recycled.**

## HHW Location & Hours

139 Sun Street  
Salinas, CA 93901

Monday - Friday 8am - 5pm  
Saturday 8am - 4pm

To stay updated on hours and locations for our Mobile HHW location follow us on facebook



[facebook.com/SalinasValleyRecycles](https://facebook.com/SalinasValleyRecycles)

# WE APPRECIATE YOUR FEEDBACK

*Dear Salinas Valley Recycles*

*We all had such fun with Recycle Rama. We want to thank you for supporting National Library Week at the Cesar Chavez Library with this engaging and inspiring musical extravaganza. We hope to see them again sometime soon.*

*Cheers  
Don Gardner*

*Dear Salinas Valley Recycles*

*Thank you dearly for your unique contribution at our "Future Career Extravaganza" panel presentation. Jenny made a significant impact as the students rated their experience very positively. The lasting impact of this day will be a tribute to your efforts and kindness. Thank you!*

*Jose  
Boys and Girls Club*

*Dear Salinas Valley Recycles*

*I wanted to thank you on behalf of Pack 212 on the wonderful reception and tour you did for us last week. In particular, for accommodating such a large group of 7-9 year old boys who can be overly "enthusiastic" at times :) We had a great time and learned a lot about the recycling process in our area. I hope we can do this again next year with a new group of scouts.*

*Justo  
Boy Scouts Troop, Pack 212*

*Dear Salinas Valley Recycles*

*The Salinas Adult School Cooperative Preschool Classes wanted to say thank you and let you all know how much we enjoyed the recycling show! The interactive participation and information was beneficial to both the children and adults! Thank you again for your part in making this resource possible to our community!*

*Karen Estes  
Salinas Adult School*



128 Sun Street, Suite 101  
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