



# S U S T A I N A B I L I T Y *t i m e s*



KENNEDY SPACE CENTER - NOVEMBER 2012

## Communication Vital to Kennedy's Sustainability

It is with great pleasure that I introduce the Kennedy workplace to the first Sustainability newsletter. This has been a work in progress for some time and is only possible due to the commitment of the authors and their passion toward environmental stewardship.

Communications with the workforce is a key to our center's sustainability program. In this and future quarterlies, readers will be exposed to various sustainability efforts at the center.

Note the recurring theme of how the development and use of green technologies enhance mission effectiveness, particularly as it pertains to increasing flexibility, reducing costs and mitigating risks to achieve our center's and program's goals.

Many of us primarily associate sustainability with the task of recycling. In fact, recycling is the largest environmental movement the world has ever known, especially given its reach into our professional and private lives and the numerous municipalities that perform the work. However,

sustainability is much, much more. It spans environmental, economic, and social equities. Along that "triple bottom line," every directorate at Kennedy can help transform our center into a 21st century premier sustainable spaceport. Our sustainability goals encompass energy, water conservation, acquisition, transportation, property disposal, logistics, information technology, waste management, green construction, ecology and more. What is environmentally

sustainable is fiscally sustainable. Thus, all of those goals contribute to our engineering, scientific and operational endeavors by accounting for environmental aspects associated with

a product, process or activity.

Sustainability ensures the needs of the present without compromising the ability of our future generations to meet their requirements.

A Native American proverb eloquently captures this truth, "We do not inherit the Earth from our ancestors; we borrow it from our children."

Thank you for your time and

***"We do not inherit the Earth from our ancestors; we borrow it from our children."***

*Native American Proverb*



Glenn Semmel

interest in this topic that touches all of us now and well into the future.

After you read through the articles, I kindly ask that you share or mention the newsletter with at least one other person. Tell your colleague, family member, or friend about something you learned that caught your attention or may catch theirs.

We want sustainability to be part of our culture as it improves mission effectiveness. It requires our workforce's multidisciplinary skills to ensure its success.

Take an active role.

Help spread the word.

Ensure our future generations have similar opportunities and resources upon which to persist, thrive, and explore the world and universe around them.

Glenn Semmel,  
Chief Environmental  
Management Branch  
Kennedy Space Center



### IN THIS ISSUE

- STAR website makes recycling easier
- Volunteers clean up Kennedy's shoreline
- Innovation Expo features KSC's natural environment
- Nominations sought for green awards

### COMING UP

**April 22, 2013 -- Earth Day**

# STAR Website Simplifies Usage Of Recycle Bins

During the next year, Kennedy Space Center's Recycling Program will undergo major renovations to streamline its recyclable material collection services. These renovations will save resources as well as increase recycling revenue in order to make needed improvements to the current Recycling Program. The newest addition to our program is a website called STAR, short for Sustainable tracking Tool for Automated Recycling, at <http://star.ksc.nasa.gov>. It is designed to process requests for servicing bins or ordering new bins.



## Recycling Program Improvements

**Printer and Copier Cartridge Recycling Program:** Collection of all types of toner printer and copier cartridges is available.

Collection occurs where tall blue toner recycling bins specifically designated for the collection of toner cartridges are found, usually near printers and multi-function devices.

**To recycle toner cartridges:** Deposit all printer/copier cartridges in their original box in the tall blue toner recycling bins. When the bin is three-fourths full, request a toner cartridge pick up at <http://star.ksc.nasa.gov>.

**Sensitive But Unclassified (SBU) Paper Collection:** Beginning July 1, Kennedy's Recycling Program is responsible for the destruction of SBU. Because we will be using existing containers, the only visible change you may see is how the

containers are serviced. When a container is full, visit the STAR website to request that the container be emptied.

[star.ksc.nasa.gov](http://star.ksc.nasa.gov)

If you have any questions, suggestions or concerns, contact Taylor Pitcock at [Taylor.M.Pitcock@nasa.gov](mailto:Taylor.M.Pitcock@nasa.gov) or 867-3305.

## Guidelines for Acceptable Recyclables

### Mixed Office Paper Recycling:

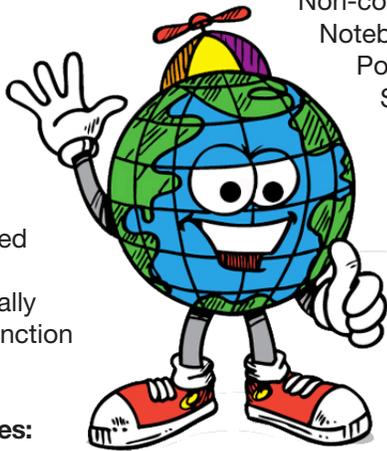
- Adding-machine paper
- Business cards
- Computer paper with green bars
- Drafting paper
- Envelopes with or without windows
- Fax paper (plain paper or thermal)
- Manila and colored file folders
- Non-coated office newsletters
- Notebook paper
- Post-it notes
- Softbound notebooks
- Stationary with or without colored ink/letterhead
- White and colored bond paper

*Note: Staples and paper clips do not need to be removed*

### Cardboard and Other Paper Recycling

- Booklets and brochures
- Cardboard – all sizes
- Catalogs
- Hanging and accordion file folders
- Kennedy telephone directories
- Magazines
- Newspapers
- Notepads
- Spiral-bound notebooks

*Note: These items go into dumpsters labeled "Cardboard Only." All cardboard must be broken down flat.*



## Beach Cleanup Nets 6,000 Trash Items

On Sept. 14, about 120 volunteers from Kennedy Space Center's workforce, U.S. Fish and Wildlife Service and the Ocean Conservancy spent several hours scouring the sand for items that had washed ashore.

They collected about 6,000 items, including syringes and shoes.

To read the entire story, go to <http://go.nasa.gov/QsnPKi>.



## Center Balances Nature, Launch Operations

In a place where rockets and spacecraft are prepared for trips out of this world, there lies a paradise that has been protected from commercial and residential development for nearly 50 years. It's the harmony of Kennedy Space Center and the landscape it shares with the Merritt Island National Wildlife Refuge that piqued the interest of dozens of employees to take a field-guided boat tour of the area during Kennedy's first Innovation Expo on Sept. 6.

To read the entire story, go to <http://go.nasa.gov/U0UabR> or watch the video at <http://go.nasa.gov/TenCjl>.

# Nominate Someone for Being 'Green'

*Do you know someone who goes the extra mile for sustainability? Nominate them for their efforts!*

## Catch an Environmentalist Award

This award recognizes individuals and teams that have notably contributed to environmental stewardship at Kennedy Space Center. The award categories recognize performance in waste reduction, natural resource conservation, historic preservation, energy and water conservation, use of sustainable products, sustainable construction and operations, and environmental awareness. To nominate someone for this award, go to <http://go.nasa.gov/QKqSO2>.

For more information, contact Annie Williams at [ann.t.williams@nasa.gov](mailto:ann.t.williams@nasa.gov) or 867-8720.

## Kennedy Environmental and Energy Award

The Environmental and Energy Awards Program recognizes NASA and contractor individuals and teams, who have demonstrated leadership to enhance the environment, implement sustainable practices, conserve energy and preserve natural resources.

Recipients are recognized at Kennedy's Awards ceremony.

For more information, contact Annie Williams at [ann.t.williams@nasa.gov](mailto:ann.t.williams@nasa.gov) or 867-8720.

## NASA Blue Marble Award

NASA's Environment and Energy "Blue Marble" Awards recognize groups and individuals demonstrating exceptional environmental leadership in support of NASA's missions and goals and are presented every two years.

### Purpose

The "Blue Marble" Awards Program contributes to NASA's mission in many ways, including:



Sandy Walsh, left, and Diane Bent were awarded the Catch an Environmentalist Award at Kennedy Headquarters on Aug. 24. Sustainability Program Environmental Management Branch Lead Frank Kline presented the award.

- Raising internal awareness of the important role employees and contractors play, often behind the scenes, in enabling environmentally sound mission success;
- Providing a NASA-wide approach to meeting specific employee recognition requirements found in Executive Order 13423 -- Strengthening Federal Environmental, Energy, and Transportation Management;
- Facilitating nominations to external environment and energy award programs, including

the GreenGov Presidential Award, which recognizes outstanding achievements by federal employees in promoting environmental stewardship.

### Past and future awards

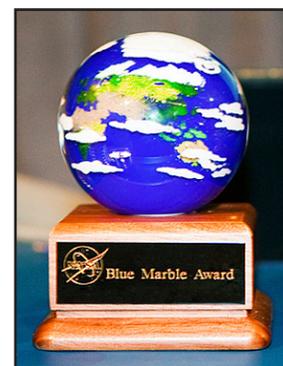
The 2014 Blue Marble Awards call for nominations will be made in October 2013 and posted at <http://www.nasa.gov/agency/nepa/bluemarble.html>. This and past programs also are available on this website.

For information on the program, email the Blue Marble Award coordinator, Tina Borghild Norwood, at [tnorwood@hq.nasa.gov](mailto:tnorwood@hq.nasa.gov).

KSC recipients of the NASA Blue Marble Award include Denise Thaller, TA-A4, for her leadership of the KSC Sustainability Plan and the Space Shuttle Program Transition and Retirement Recycling Team.

## Recent Awards and Recognition

- Kennedy's Sustainability Plan Team received a Group Achievement Award at the 2012 KSC Honor Awards.
- The Space Shuttle Program Transition and Retirement Recycling Team received a Space Flight Awareness Team Award at NASA's SFA Team Award Presentation.





## NASA, Kennedy's Sustainability Goals

To implement the requirements and targets outlined in NASA's Strategic Sustainability Performance Plan, Kennedy has committed to reducing energy consumption. The Kennedy Energy Metric is used to illustrate contributions to Kennedy energy intensity and Kennedy renewable energy use. The goals can be summarized as:

### Kennedy Energy Intensity:

Per the National Energy Conservation Policy Act and Executive Order 13423, reduce energy intensity 3 percent per year from the Fiscal Year 2003 baseline.

### Kennedy Renewable Energy:

Per the National Energy Conservation Policy Act, of the total electricity consumed by Kennedy in a fiscal year, no less than 5 percent by FY 2010, and 7.5 percent by FY 2013 shall be from renewable energy sources.

To aid in the renewable energy goals, Kennedy is using the 3,344-panel solar array in the Industrial Area to produce renewable energy onsite.

## Sustainability Online

Sustainability at Kennedy Space Center:  
<http://go.nasa.gov/xnzCc6>.

Kennedy's Sustainability Plan:  
<http://go.nasa.gov/QKrD9E>.



## TIP OF THE QUARTER

When buying plastic storage containers, look for numbers **2, 4 and 5** because they do not have any known chemical transfer to food.

Also, No. 2 plastic is commonly accepted in most recycling facilities.

Avoid numbers 3, 6 and 9, which are made from chemicals linked to problems with hormone development, cancer and heart disease.

Do not store meats and cheeses in plastic and use glass containers in microwaves whenever possible.

## FAQs

### Q: What does Kennedy Space Center recycle?

A: Recycling activities have been going on at Kennedy since 1991. Visit <http://environmental.ksc.nasa.gov/EMS/recycleProgram.htm> to check out what Kennedy currently is recycling.

### Q: Can we recycle newspapers, magazines and catalogs on center?

A: Yes. Place them in the cardboard containers located outside major buildings. They also can go in the locked Sensitive But Unclassified (SBU) containers located across the center.

## Recycle your hard hat



Hard hats may be turned in for recycling at the Drop Your Chemicals Off Here (DYCOH) site at K7-115. DYCOH is open Tuesdays and Thursdays from 1 to 2 p.m., weather permitting. A hard hat must be in good condition to be effective and function as designed. OSHA does not specify a service life, but the recommended service life of a hard hat is five years or per the manufacturer's instructions. For more information, call MESC Waste Operations at 861-1331.



John F. Kennedy Space Center

## Sustainability Times

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