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# Philadelphia Department of Prisons



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## Green Program

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# COMPOSTING



- The Philadelphia Department of Prisons has been awarded a \$15,000.00 grant by the Environmental Protection Agency to develop the first urban correctional composting program in 2011. Composting began 2012.
- **Our Compost** - is a wonderful conditioner for our soil. It is used to amend our Orchard Program. It is also donated to the surrounding community and given out to our employees.
- The Philadelphia Prisons System has a team of employees that have developed our strategic composting plan. The team consists of PPS employees of various disciplines working with our food service provider (GD Correctional Food Services) to make composting a reality at the Prison System.

# COMPOSTING



**Why compost?** By composting our green organics the Department of Prisons estimates that we can save the City of Philadelphia 30% to 70% of our solid waste fees, which are as high as \$260,000.00 per year at the Department of Prisons.

# COMPOSTING

- Composting produces healthier plants. Organic matter is known as the “soul of a healthy soil.” Adding compost to your yard or garden will help your plants grow bigger and better. The organic matter in compost helps soil hold on to nutrients and water, benefiting your plants while reducing the risk of pollution.
- Under the grant proposal we also will be able to employ inmates with green job opportunities.



# COMPOSTING

Designed by Peter Moon – O2 Composting



## THE TYPE OF SYSTEM

- **Aerated Static Pile (ASP) composting**, refers to any of a number of systems used to biodegrade organic material without physical manipulation during primary composting. The blended admixture is usually placed on perforated piping, providing air circulation for controlled aeration.



# COMPOSTING

- **Riverside Correctional Facility (RCF)** collects organic waste material from the units and kitchen by way of the specialized recycling bins. Once full, the specialized recycling bins will be distributed to the dock area of RCF by the “in-house” RCF green-workers.
- **House of Corrections (HOC)** collects organic waste material from the units and kitchen by way of the specialized recycling bins. Once full, the specialized recycling bins will be distributed to the dock area of HOC by the “in-house” RCF green-workers. 2016-2018. HOC is now closed due our lower population.
- **PICC** (The Philadelphia Industrial Correctional will be put on line 11/1/2018 with a population of 1200 one average.
- **Alternative and Special Detention (ASD)** A dedicated (and supervised) crew of inmate Green Workers, from ASD, to retrieve the containers, (via compost transport vehicle) then offload the containers and assist in preparing the materials for composting.





045130

DEPARTMENT OF  
STREETS







- Women's Facility – Riverside Correctional Facility (RCF)
- Kitchen

■ Current Average Population – 500







31





























REOTEMP

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REOTEMP INST CORP.  
SAN DIEGO, CALIF. U.S.A.











UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III MIDDLE ATLANTIC STATES  
PHILADELPHIA, PA 19103-2029

May 19, 2011

\$ 15,000.00

PAY TO THE ORDER OF:  
**Philadelphia Prison System**

THE TOTAL AMOUNT OF:  
**Fifteen Thousand and 00/100 Dollars**

Memo: To compost Prison's food waste

Wayne Hazylo  
United States Environmental Protection Agency  
Philadelphia Division  
Middle Atlantic Region

U.S. EPA  
**Food Recovery Challenge**

We are making a Voluntary Commitment to become a more Sustainable Organization by Participating as a "Participant" in the U.S. EPA "Food Recovery Challenge."

**The Philadelphia Prison System**

Our Organization's Goals are to:

- Promote Sustainable Food Management Practices
- Optimize Materials Management, Conserve Resources, and Prevent Pollution by applying Cost Effective Environmental and Business Practices.

Our EPA goals are to:

- Establish a Single Point of Contact to Develop Sustainable Strategies;
- Support to Help Reduce the Organization's Environmental Footprint;
- Track to Quantify Economic and Environmental Benefits, and
- Report on Progress.

U.S. EPA, Region III

The Philadelphia Prison System

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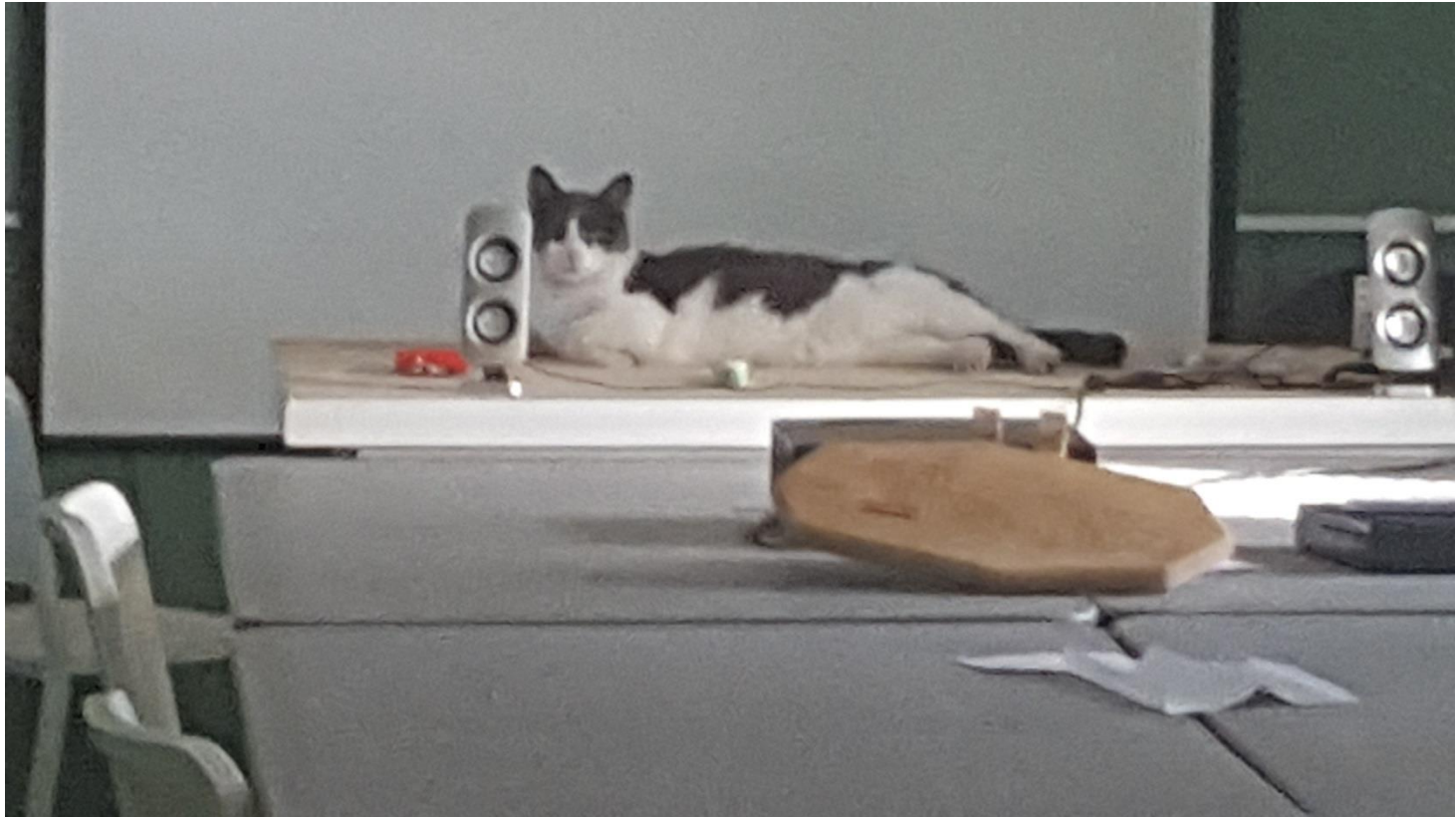












■ Fatty the Compost Cat

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# COMPOSTING GOALS -

- To educate our employees and our inmates on the benefits of composting. (contracted and city employees).
- To expand our pilot to all six of our facilities.
- To create green jobs and certification for employees and inmates.
- To support and donate to the community gardens compost products.
- Save on energy and maintenance repairs.
- To lower our disposal costs.
- To lessen our contribution to green houses gases.



# THE PHILADELPHIA PRISON ORCHARD PROGRAM













■ Mayor Nutter and the Orchard Crew

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- Compost Expansion – Currently in the Process of Phasing in all our facilities





