

# CITY OF JERSEY CITY

JERRAMIAH T. HEALY  
MAYOR



CITY HALL  
JERSEY CITY, NJ 07302  
TEL:(201) 547-5200  
FAX:(201) 547-4288

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Contact: Jennifer Morrill  
Press Secretary  
**201-547-4836**  
**201-376-0699**

## ***Mayor Healy & City Officials to Break Ground on New LEED Platinum Public Works Facility***

***Construction of New Facility Paves Way for Bayfront Development on City's West Side***

**JERSEY CITY** – Mayor Jerramiah T. Healy, members of the **Municipal Council**, as well as **Department of Public Works and Jersey City Incinerator Authority officials**, will break ground on a new state-of-the-art LEED Platinum public works facility at **11 a.m. on Tuesday, July 17, 2012**, at **13-15 Linden Avenue East**.

The new DPW/JCIA complex will be a LEED Platinum building that will minimize the City's impact on the environment, create 250 direct construction jobs and reduce operating expenses through energy savings for years to come.

The new facilities will be the staging area for all trash removal, maintenance of the City's automobile fleet, recycling, street repair, snow removal, park maintenance, environmental management and traffic control. Additionally, the JCPD's ESU will be located there.

“Not only are we creating construction jobs today by breaking ground on this important and sustainable public works facility, but we are also paving the way for new development of Bayfront on the city's Westside,” said **Mayor Healy**. “With the construction of Bayfront, we will create hundreds of additional construction jobs and a new residential community that will enhance the city and generate millions of new tax dollars.”

Funding for the \$87 million project comes from a combination of sources, including \$13 million from the Honeywell relocation fund and municipal and federal bonds.

This project is expected to exceed LEED requirements for energy saving through the use of energy conservation measures, optimization of mechanical equipment, hi-efficiency heat pump and radiant floor heating, use of heat pump technology for air conditioning in office areas to minimize energy usage and eliminate the use of carbon-fluorocarbon gases, and the use of photovoltaic solar panels will reduce the overall energy consumption by 77 percent. High R-value across the project will create an efficient building envelope, comfortable working environment and save energy. According to our architects, the energy usage savings for the project translate into nearly 60% savings on energy cost. Total annual operating savings over standard construction practices is over \$200,000.

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Other cost saving green construction components are:

- **On Site Renewable Energy** – Warehouse structure and new building will support approximately 110,000sf of photovoltaic panels or 1 Megawatt of power that will be used by the facility.
- **Storm Water Reduction** - Reduction of storm water run-off through the use of Green roofs and harvesting of storm water on all non- green roofs. The site will utilize storm water retention systems.
- **Potable Water** – Reduce consumption by 40% through the use of low-flow fixtures, and rain water harvesting from non-green roof areas and paved site areas.
- **Innovative Greywater Technology** – Use harvested rain water for Urinal, Water Closet and Truck Wash bays to reduce usage of potable water
- **Building Floor Plan** – Maximize day light to reduce use of artificial lighting. Building floor plates are narrow to allow maximum harvesting of natural light
- **Exterior building envelope and Form making** – Building set back and exterior shading elements will reduce heat gain in hot seasons.
- **Building Exterior Wall** – High R-Value across the project will create an efficient building envelope, comfortable working environment and save energy
- **Improved work environment** - Cleaner and healthier interior environment through the use of Low VOC building material content; better air filtration using MERV 5 technology on HVAC ductwork systems; radiant floor heating in automotive shop area to improve thermal comfort and reduce employee fatigue due to unheated concrete floors. The radiant floors will also save on energy usage and losses from the opening of large service doors by acting as a heat sink and storing heat and releasing it gradually into the building.
- **Building orientation** - South facing facades enable maximum control of sun light during summer months via sun shading devises, and light shelves, while allowing light and warmth into the building during winter months
- **Natural light** - Use of skylight and roof aperture will provide natural light into deep spaces creating naturally lit working environment and energy savings.
- **Heat Island Effect** – Use of Green Roof and White Roofing Membrane to reduce heat island effect and temperature at the immediate building surrounding
- **Site Lighting** –Use of Photovoltaic Site Lighting - stay off grid, result in energy saving

**All media inquiries should be directed to Jennifer Morrill, Press Secretary to Mayor Jerramiah T. Healy at 201-547-4836 or 201-376-0699.////**