



CHRIS ABELE, MILWAUKEE COUNTY EXECUTIVE  
JOHN DARGLE, JR., DIRECTOR OF PARKS, RECREATION AND CULTURE

Date: May 22, 2017  
To: Jason Haas, Chair, Parks, Energy and Environment Committee  
From: John Dargle, Jr., CPRP, Director, Milwaukee County Parks  
Subject: **Fund Transfer Request to recognize Fund for Lake Michigan grant for Photoelectrocatalytic Oxidation (PECO) solar powered storm water disinfection systems at Bradford and Cupertino Parks. (INFORMATION)**

**ISSUE**

Informational report on the Fund Transfer Request to recognize the Fund for Lake Michigan grant for PECO solar powered storm water disinfection systems at Bradford and Cupertino Parks.

**BACKGROUND**

An appropriation transfer of \$89,795 is requested by Milwaukee County Parks and the Department of Administrative Services to recognize funding for solar powered storm water disinfection systems at Bradford and Cupertino Parks. The source of funding is a grant from the Fund for Lake Michigan. Permission to apply for the grant was authorized as part of County Board File 16-207.

This project will be performed as a collaboration between Milwaukee County and Solar Water Works, LLC, a company that provides portable, self-contained water purification systems which run entirely on solar energy. One full-scale Solar PECO system will be installed at the Ravine outfall located north of Bradford Beach and a second system will be installed at the Russell Avenue outfall located in Cupertino Park, north of South Shore Beach.

The project will demonstrate the effectiveness of solar-power treatment systems for disinfection of bacteria in storm water at Lake Michigan beaches and consist of the installation, operation, maintenance, sampling, and analysis of the Solar PECO treatment systems. Parks will enter into an Agreement by which the Contractor assumes all rights, responsibilities, fiscal and maintenance obligations for a period of one year.



There are no County funds being added to this project as part of the fund transfer request.

**RECOMMENDATION**

No action requested. Informational item unless further action required.

Prepared by: Jill Organ, Chief of Planning and Development

**Approved by:**

  
John Dargle, Jr., CPRP, Director

**Attachments:**

Attachment 1 – Location Maps

**Copy:**

- Chris Abele, County Executive
- Raisa Koltun, Chief of Staff, County Executive's Office
- Theodore Lipscomb, Sr., Chairman, County Board of Supervisors
- Kelly Bablitch, Chief of Staff, County Board of Supervisors
- Marcelia Nicholson, Vice-Chair, Parks, Energy & Environment Committee
- Sheldon Wasserman, Supervisor District 3
- Marina Dimitrijevic, Supervisor District 4
- Allyson Smith, Committee Coordinator, Office of the County Clerk
- Jessica Janz-McKnight, Research & Policy Analyst, Office of the Comptroller
- Jeremy Lucas, Fiscal Mgt. Analyst, Admin & Fiscal Affairs/DAS