

Resolution of the Township of Bernards

1 Collyer Lane, Basking Ridge, NJ 07920
908-204-2510; www.bernards.org

Resolution #2015-0379

Resolution of Support Authorizing Submission of a Grant Proposal on Behalf of the Township of Bernards to be Submitted to the Sustainable Jersey Small Grants Program
Funded by the 2015 Gardinier Environmental Fund

WHEREAS, The Township of Bernards is a member of Sustainable Jersey since 2009 and received Bronze Certification in 2009 and Silver Certification in 2011 and 2014 and, has an active Green Team; and

WHEREAS, one of the purposes of Sustainable Jersey Program is to provide resources to municipalities to make progress on sustainability issues, and they have made available to New Jersey Municipalities participating in the Sustainable Jersey Program a grant opportunity funded by the Gardinier Environmental Fund 2015 Municipal Grant ; and

WHEREAS, Bernards Township has identified a need to upgrade and retrofit large salt spreading equipment with GPS – Salting spreading controls, which will ultimately improve winter operations, a grant award shall help improve operational efficiency and effectiveness of salting operations, defray the capital costs needed to retrofit and upgrade the salt spreading fleet, thereby providing for safe winter treatment of roadways with the goal at limiting environmental damage, reducing salt usage, improve truck routing , reducing diesel emissions, reducing fuel costs, and improving fuel efficiency.

NOW, THEREFORE, BE IT RESOLVED, by the governing body of the Township of Bernards, approves the submission of an application for the Sustainable Jersey Small Grants Program funded by the Gardinier Environmental Fund 2015 Municipal Grant.

Agenda and Date Voted: 10/27/2015

Explanatory Statement

This resolution would authorize the online application for the 2015 Municipal Grant through the Sustainable Jersey Small Grants Program. Bernards Township.

The application shall be for funding to be used to retrofit 10 large trucks used for winter salting operating. This retrofit would include a GPS based sander control system capable of providing efficient routing, controlled application of salt and software able to report on location and salt usage.

This improvement to our operations shall improve the fleet efficiency with respect to fuel consumption, salt usage, salting time needed to treat the Township. In addition we expect less diesel pollution, less operating times adding to diminished air pollution and less salt usage which while necessary to fight winter storms is also detrimental to the environment, and improved fuel efficiency.

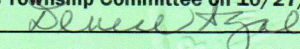
This grant if awarded would range from \$10,000 to \$30,000 and can defray the cost of approximately \$9,000+ necessary to upgrade a single vehicle.

Date: 10/19/15

Pat Monaco, Director of Public Works

CERTIFICATION

I hereby certify this is a true and exact copy of a resolution adopted by the Bernards Township Committee on 10/27/2015.



Denise Szabo, Municipal Clerk

Bernards Township awarded \$30,000 sustainable energy grant

Bernards Township, NJ - December, 11, 2015 - Sustainable Jersey announced that Bernards Township has been awarded a \$30,000 Sustainable Jersey grant funded by the Gardinier Environmental Fund. Four \$30,000 grants and ten \$10,000 grants were distributed to fund projects including an energy resiliency microgrid study, energy curricula in schools, energy efficiency and renewable energy upgrades to buildings and more.

Bernards Township is very excited to receive the \$30,000 Sustainable Jersey Grant funded by the Gardinier Environmental Fund. We believe this technology once deployed will enable our Department of Public Works to evaluate weather conditions and adjust our operations in real time, thereby reducing salt usage when appropriate and maximizing our efficiency and effectiveness. We further believe that fuel consumption and the associated carbon footprint of our winter operations will also be reduced.

“Investments in local energy projects will help us make progress toward the goal of a more sustainable and resilient New Jersey,” said Randall Solomon who co-directs Sustainable Jersey with Donna Drewes. “Congratulations to the forward-thinking school districts and municipalities that developed these projects.”

“The Gardinier Environmental Fund is committed to conserving the earth’s energy resources and enhancing renewable energy measures,” said Gene Wentzel, president, Gardinier Environmental Fund. “We are proud to stand alongside Sustainable Jersey, and to continue to fund worthy projects that supports our mutual goals in New Jersey.” To date, Gardinier Environmental Fund has provided \$385,000 to the Sustainable Jersey Small Grants program.

New Jersey is the first state in the nation to have a comprehensive sustainability program for communities that links certification with strong state and private financial incentives, and a fully resourced program of technical support and training. Currently, 76%, or 430 of New Jersey’s 565 municipalities are participating in the municipal certification program and 139 school districts and 331 schools are participating in the new Sustainable Jersey for Schools certification program.

Bernards Township’s grant application concentrated on a more sustainable winter maintenance operation. The following explains the proposed initiative:

The energy efficiency of the township snow and ice control operations will be improved by equipping one new and one existing fleet vehicle with a system called Cirus Controls, an automated system for salt spreading, temperature monitoring, data collection and GPS navigation. By enabling better evaluation and oversight of winter maintenance resources in the township, the system will reduce the amount of

salt applied to roadways, cost of winter maintenance, the amount of diesel fuel used by snow removal vehicles and environmental impacts of related activities.

ABOUT SUSTAINABLE JERSEY

Sustainable Jersey is a nonprofit, nonpartisan organization that provides tools, training and financial incentives to support communities as they pursue sustainability programs. Currently, 76 percent, or 430 of New Jersey's 565 municipalities are participating in the municipal certification program and 139 school districts and 331 schools are participating in the new Sustainable Jersey for Schools certification program.

Sustainable Jersey: Sustainable Jersey's partners include the New Jersey State League of Municipalities, Sustainability Institute at The College of New Jersey, the New Jersey Department of Environmental Protection and the New Jersey Board of Public Utilities Clean Energy Program. Program underwriters include the Geraldine R. Dodge Foundation, New Jersey Board of Public Utilities Clean Energy Program and the Surdna Foundation. The 2015 Sustainable Jersey Small Grants program is funded by PSEG Foundation and the Gardinier Environmental Fund. South Jersey Gas and New Jersey Natural Gas are Platinum Sponsors. NJM Insurance Group is a Gold Sponsor, Bayshore Recycling is a Silver Sponsor and the Bronze Sponsors are Investors Bank, Covanta, Energy Solve and GovPilot.

Sustainable Jersey for Schools is underwritten by the New Jersey School Boards Association, the New Jersey Board of Public Utilities Clean Energy Program, The Geraldine R. Dodge Foundation and the New Jersey Education Association. The 2015 Sustainable Jersey for Schools Small Grants program is funded by the PSEG Foundation, New Jersey Education Association and the Gardinier Environmental Fund. The Founding Sponsors are South Jersey Gas, New Jersey Natural Gas and NJM Insurance Group. Bayer Foundation is a Silver Sponsor and Spiezle Architectural Group is a Bronze Sponsor.

Website: www.SustainableJersey.com; www.SustainableJerseySchools.com

Twitter: [www.twitter.com/SJ_Program](https://twitter.com/SJ_Program); [www.twitter.com/SJ_Schools](https://twitter.com/SJ_Schools)

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