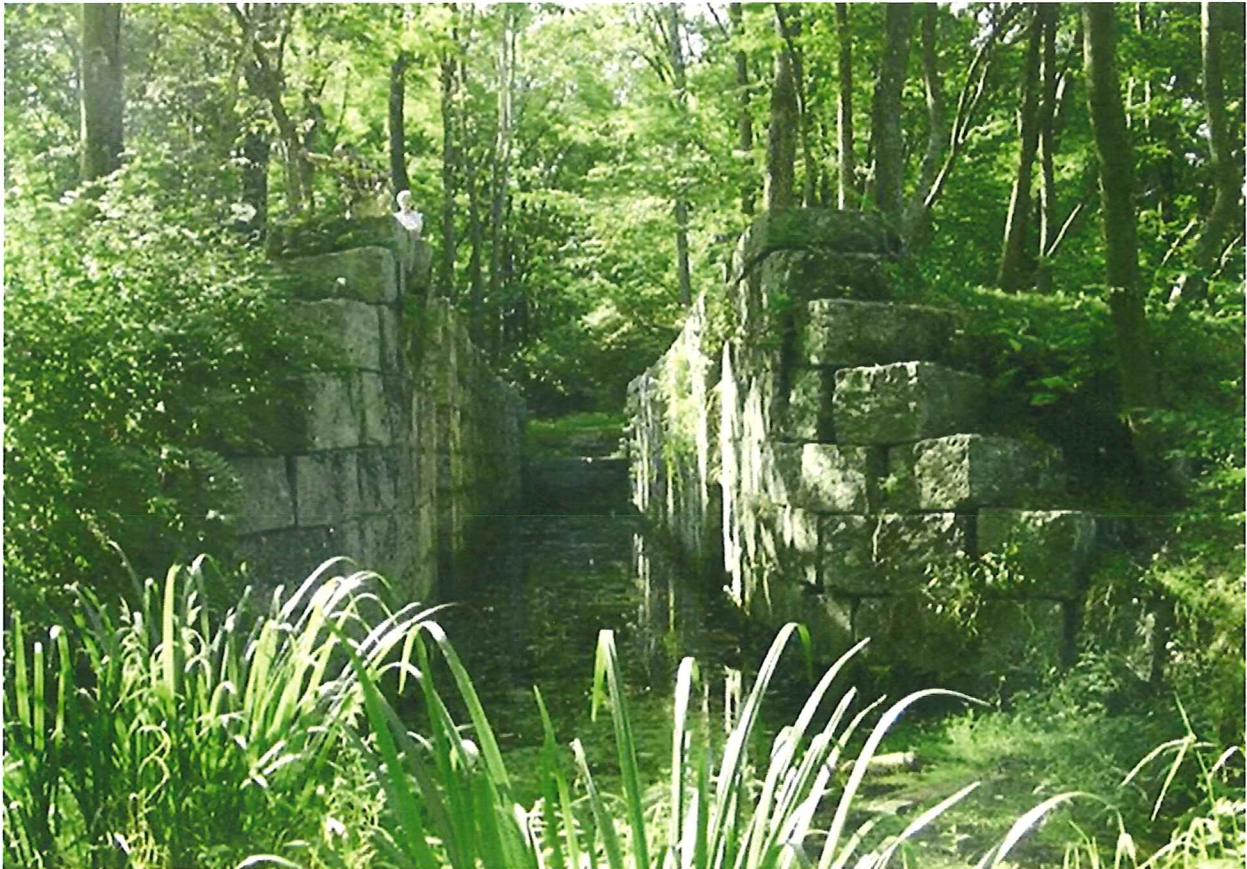




Town of Millville

Green Community Committee



July 29, 2019

Millville Elementary School

The Town of Millville is a community of about 3,000 citizens nestled in the heart of the Blackstone Valley. Millville is part of a Regional School District with the neighboring town of Blackstone, and Millville's Elementary School is located approximately 1 mile down the end of a sparsely populated street in our town, with one way in and one way out. The current population of the school, which houses pre-school through Grade 5, is 273.

The Elementary School was built in the early 1990s. Typical of building construction in the 1990s, Millville Elementary is a brick and glass building with multiple entrances, large windows and vision panels.

The Millville Elementary School is the largest user of energy in the town of Millville. The Guardian Energy Audit identified 56 exterior lights that should be retrofit to LED, including awning lights, wall packs, recessed lights under overhangs, and pole lights at the school. Most of the lamps were high pressure sodium and metal halide, with several incandescent bulbs. The associated kWh usage could be reduced by as much as 79%. Total rebates from National Grid equaled \$6000.

The project was started June 27, 2015 and completed August 15, 2015 at a cost of \$21,281. A change order for two additional light fixtures that were not in the original count at the Elementary School added a cost of \$2,119, completed November 10, 2015, for a total cost of the project \$23,400.00 minus energy incentives of \$3,450. This project was under the management of Guardian Energy's Matt Whittemore, GCC Chair Joseph Rapoza and MES Head Custodian Richard Lanctot.

During the retrofit of the exterior lights, committee members initiated community outreach to parents and children, with informal question and answer periods. Parents seemed to appreciate the information, and children were encouraged to observe and modify their own energy habits.

Weatherization measure, such as a tighter and better insulated building, allows mechanical equipment to run less often and yet maintain the desired interior environment. Guardian contracted for air sealing measures, including roof-wall intersection, overhang, unit ventilator air sealing, as well as weather stripping.

The cost for this project, completed on October 13, 2015, was \$31,957.00, with an estimated annual cost savings of \$3,168. Coordination with the school presented challenges, as the fall term was in session. Once scheduling was complete, the work was completed in a short period of time.

Classrooms on the second floor noticed an immediate change in ambient temperature from the weatherization measure implemented.

The cafeteria at the Millville Elementary School has one walk in cooler and one walk in freezer/cooler with fan motors that run frequently to maintain temperature ranges. The energy audit showed that the electrical power used by the fan motors ended up as heat inside the refrigerated spaces.

By installing 2 speed motors with controllers, the fans now operate at a low speed when no cooling is called for, and at high speed only when the system is actively cooling the refrigerator. This results in reduction in evaporator fan motor energy consumption, reduction in fan motor heat, and thus reduction in refrigeration operation.

This project was completed August 19, 2015 at a cost of \$6066, with utility incentives of \$897.

Millville Fire Station

The Millville Fire Station was built in approximately 1971, having primarily a brick veneer exterior and an asphalt shingle roof. Basic improvements have taken place over the years, and more significant changes were made starting in 2011 when the Police Chief was appointed as the Fire Chief as well.

The Fire Station totally lacks the required ceiling air barrier and insulation needed to reduce the loss of heat in the apparatus bay; this is considered a capital expenditure to be addressed by the Town in the future.

Weatherization measures at the Fire Station occurred after the installation of five exterior windows at a town cost of \$1500 in spring 2015. These other measures included sealing roof/wall intersection, overhang, unit ventilator, door weather stripping for a cost of \$777, and was completed in April of 2015.

Guardian identified a single 100W halogen floodlight that was retrofitted to a 23w LED, reducing the related energy usage by 77%. Exterior LED lighting was installed on May 6, 2015 at a cost of \$496.

Replacing the roof on the Fire Department was by far our most challenging project. After multiple delays, with an initial starting date of October that was pushed out to November 16, 2015. A three person crew was hired with an irregular work schedule, and less than optimal weather conditions contributed to delays, as well as later replacement of the caps on the roof ridge, which were not compliant with the rest of the shingles on the roof. The addition of insulation applied to the roof sheathing as well. This project was completed December 4, 2015 at a cost of \$56,027.

At this point in our implementation of recommendations, our relationship with Guardian deteriorated. Delays in projects, lack of follow-through, change in project management and lack of communication all contributed. Our concerns were escalated from the project manager to Guardian upper management, and it appeared that Guardian was more responsive as projects continued.

Police Station

The weatherization proposals by Guardian for the Police Station were based on a cursory walk-through. During a more in-depth evaluation of the building, the proposed roof wall air sealing and insulation were found to be impractical based on the hodge-podge of construction decisions made when the building was retrofitted from a school annex.

Upon request, an additional evaluation was done for the front lobby/entrance door. A new door was proposed, with weather stripping and install of an appropriate threshold. The project cost was \$4,759 and was completed August 19, 2016 to our satisfaction.

Five exterior fixtures at the Police Station were identified that were retrofit to a high efficiency LED solution, reducing the associated kWh usage by 78%.

Our most ambitious project started as an anti-idling proposal. Research and review indicated that the Idle-right was not the proper system for a law enforcement vehicle. Stealth Power Systems for Law Enforcement with installation of back-up in the trunk of the cruiser, was evaluated and found to be a more effective option for energy savings. This installation was the first advanced mobile power and idle-reduction systems installed in a Massachusetts emergency response vehicle. This project was completed March 8, 2017 at a cost of \$5,245.

With our goal of completing this grant, the committee requested reallocation of funds designated initially for Public Education and Administration to a proposal for electric wheels installed on one existing 29" Fuji police bicycle and the purchase of a new 29" Fuji police bicycle for a total project cost of \$4,761.94.

Starting in April and extending through fall, weather permitting, regular patrols utilizing the electric wheel technology could happen an average of 12 hours a day (day and evening shifts), providing significant reduction in wear and tear, emissions and gas consumption on two front line cruisers. This will also extend the longevity of both cruisers.

Millville Senior Center, Millville Library and Millville Town Hall

All three of these buildings benefitted from retrofit exterior upgrades, reducing the kWh usage by an average of 83% at a total cost of \$3913. Note that the Millville Town Hall was evacuated due to structural issues in July of 2016 and is currently unoccupied.

Public Education

The Municipal Energy Reduction Policy was adopted by the Board of Selectmen November 2,, 2015, and distributed to all town facility managers.

A handout of emergency numbers and MassSave information was distributed from Town Hall and during the Centennial Community Day.

Engaging citizens to address common issues is essential for educated decision-making. This committee provides resources for encouraging civil discourse and involvement, which included A Quiet Revolution flyer outlining energy saving and renewable options for homeowners.

Community Day on September 10, 2016 provided our Committee with an opportunity to partner with MassSave in a combined booth for educational demonstrations and activities. Our MassSave partner, Sean Dgajewski, was able to interest 6 Millville homeowners in free energy audits by National Grid.

The Green Community Committee had a constant flow of children and adults who participated with our activities, availed themselves of our handouts, received free LED nightlights, and directed to the Millville Massachusetts Green Community Committee Facebook page.

Going Forward

Resident support of energy projects needs to be enhanced by outreach about the benefits of these efforts and the town's successes. We need to use all available resources to achieve cost effective energy savings, which means we need to think outside the box, do our research, include energy efficiency in operations and planning and making energy efficiency a priority with leadership support.

Contact Persons: Trish Benoit-Rudden

trish@millvillepolice.org

Joseph Rapoza

j.rapoza@charter.net

Millville Elementary School Weatherization and Lighting





Millville Elementary School Refrigeration ECMotors and Controls





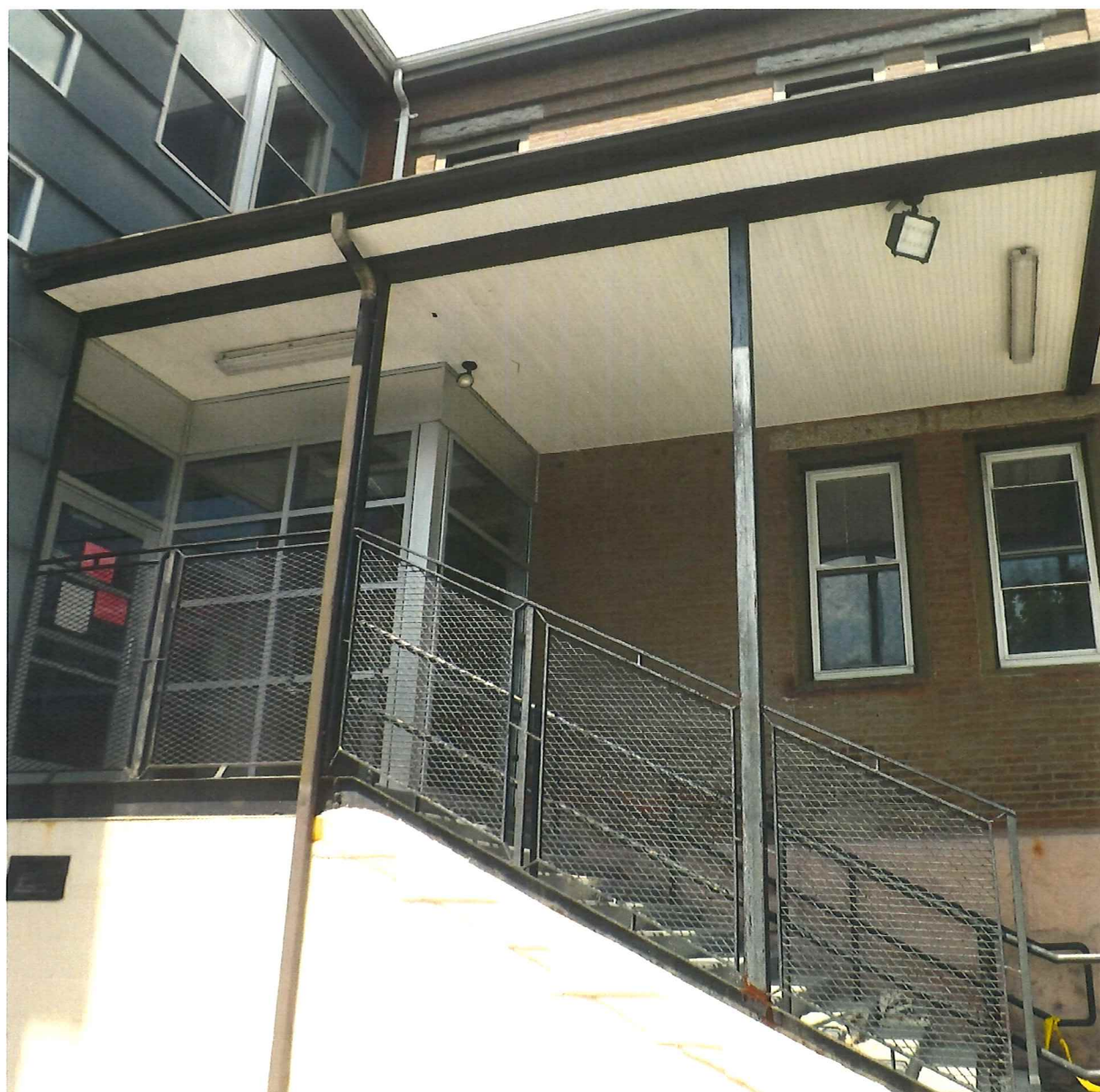
Millville Senior Center



Millville Public Library



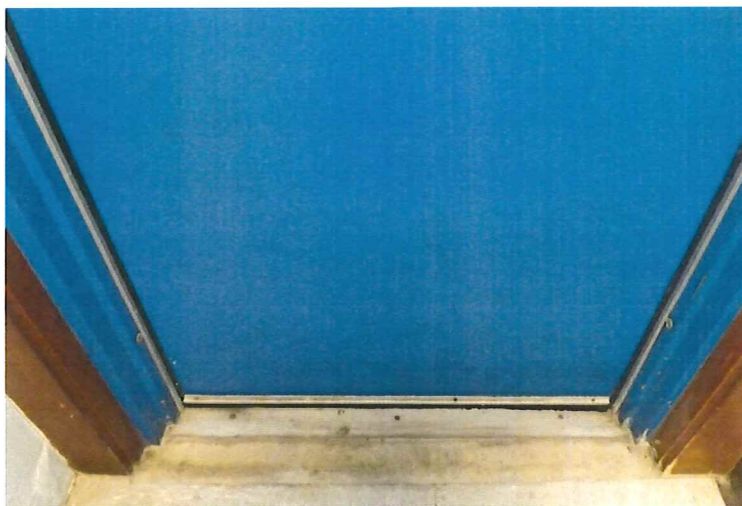
Longfellow Municipal Center / Town Hall



Millville Fire Station



Police Station



Stealth Power System



Police Department Electric Wheel





Millville Community Day



Donate it! Many charities are happy to take items such as consumer electronics, furniture, rugs, etc. Before throwing these kinds of items away, check with your local Goodwill, Salvation Army, church, reuse store, or other charities to see what items they may be willing to take. Some organizations will even schedule free pickups of donated items.



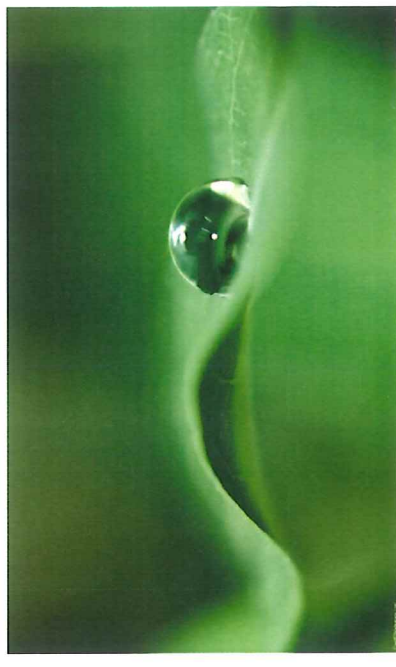
Sell it! Hold a tag sale, or take your item(s) to a local flea market (look in your local newspaper for times and locations in your area). Or, list your item on an Internet site like eBay, Craigslist, or other similar sites. You might be surprised to find that that an old item you think is a piece of junk is just what some collector is looking for!

Communities with the greatest and most diverse citizen participation are often resilient and strong. Engaging citizens to address common issues is essential for educated decision-making. This committee provides resources for encouraging civil discourse and involvement.

Visit our Facebook page, Millville MA Green Community Committee.

Millville
Green Community Committee

THE QUIET REVOLUTION



The Green Communities Designation and Grant Program helps municipalities navigate and meet the five criteria required to become a Green Community, in turn qualifying them for grants that finance additional energy efficiency and renewable energy projects at the local level.

An energy-efficient home will keep your family comfortable while saving you money. Whether you take simple steps or make larger investments to make your home more efficient, you'll see lower energy bills. Over time, those savings will typically pay for the cost of improvements and put money back in your pocket. Your home may also be more attractive to buyers when you sell.

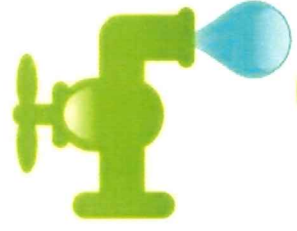


Fortunately, there are many things that people can do to use less energy. Setting the thermostat to a lower temperature in the winter and a higher temperature in the summer is one good way to save energy, and money. Buying energy efficient appliances and replacing incandescent light bulbs with compact fluorescent light bulbs are some other ways. Properly weatherizing the home to eliminate drafts by replacing old windows and doors, caulking, and using weather stripping are also important. These are just a handful of ways to save energy.

Talk to kids about how they can save energy and money just by turning off lights, televisions and radios when they leave the room.



If they are old enough to do chores, teach them to fill the washer and dryer with a full load of clothes rather than just throwing in a few items of clothing, and to wash full loads of dishes in the dishwasher.



Showering quickly, keeping the refrigerator door closed, keeping doors and windows shut when the heat or air conditioning is on, and helping to plant shade trees and windbreaks are all easy ways for kids to make a big difference in reducing the amount of energy used in the home.

There are many ways to reuse or recycle items that are no longer of use to us in our homes. As residents of Millville, reusing or recycling these items can reduce the amount and toxicity of the garbage that is disposed in our town. Some alternatives to disposal that you should think about include:



Fix it! Can your item be repaired? If so, you will not have anything to dispose of, and you could save on replacement costs.

Give it away! If the item you have is still usable, chances are that there is someone else that could use it. Before throwing it away, check with friends, relatives, and neighbors to see if they would like to have it. Consider listing items on an Internet site such as FreeCycle, and Craigslist, or in free classified ads and circulars. Or, just put it on your curb on a nice day with a sign on it saying "free."

WHO TO CONTACT

FOR POLICE / FIRE / AMBULANCE

911

Non-emergency / Business Lines

Police Department: 508-883-3117
Fire Department: 508-883-4740
Poison Control Hotline: 800-222-1222
Milford Hospital: 508-473-1190
National Grid 800-322-3223
To report power outage 800-465-1212

Town Offices Business Lines

Longfellow Municipal Ctr. 508-883-8433
Millville Library 508-883-1887
Millville Senior Ctr. 508-883-3523
Millville Elementary School 508-876-0177
Millville Assessors 508-883-5031
Millville Board of Health 508-883-5041
Millville Town Clerk 508-883-5849
Millville Treasurer/Collector 508-883-7449

Printed and distributed by Millville Green Community Committee

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Mass Save Energy Saving Programs

Mass Save® is an initiative sponsored by Massachusetts' gas and electric utilities and energy efficiency service providers. We work closely to provide a wide range of energy efficiency services to help residents and businesses manage energy use and related costs.

MassSave Information: 1-800-632-8300

Get Started

To begin, take the Online Home Energy Assessment. Through this, you'll learn if your home is a good candidate for an in-home assessment.

If your profile indicates that you are a good candidate, schedule your no-cost Home Energy Assessment with a Mass Save Energy Specialist by calling 866-527-SAVE (7283) or have a Mass Save® Participating Contractor start the process for you.

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THE CALL

Thursday, March 16, 2017

Celebrate St. Patrick's Day at
O'CHAN'S
FAMOUS
CORN BEEF DINNER
 Served with cabbage, potatoes and carrots, rolls and butter - \$9
 Fri., March 17 @ 8pm
 \$20 adv.; \$22 door
JEFF PITCHELL
 Celebrate St. Paddy's Day here at O'Chan's w/ the exciting Jeff Pitchell & Texas Flood Band
 Sat., March 18 @ 8pm
 \$14 adv.; \$16 door
JOHNNY HOY & THE BLUEFISH
 ISLAND DANCE PARTY!
FRIDAY NITE KARAOKE PARTY w/WRIK
 267 MAIN STREET WOONSOCKET RHODE ISLAND 02895
 WWW.CHANSEGGROLLSANDJAZZ.COM
 TAKE-OUT 765-1900 CATERING

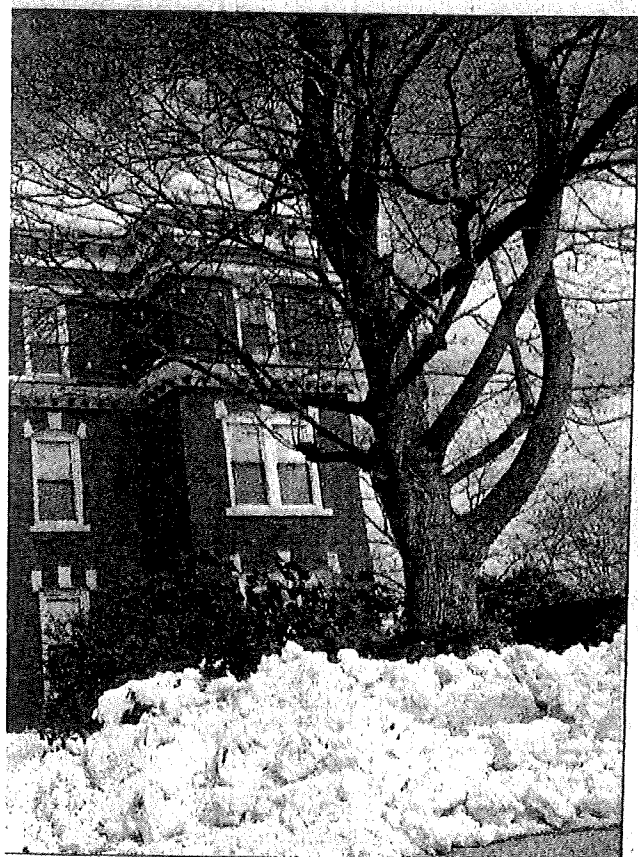


Photo by Ernest A. Brown

ated at 94 Carrington Ave. at Park Avenue in Woonsocket is not affected by the sale and is not listed.

ce of Woonsocket's
r sale Precious Blood
 Parish Rectory
 is put up for
 sale by diocese

market this week, it no longer needs y at 94 Carrington el Kelley, one of ocese who oversee than one church,

put it on the market to spare the parish the expense of having a closed building."

Listed on the National Register of Historic Places, Precious Blood was among the earliest communities of wor-

TO PROTECT & CONSERVE

Millville Police equip vehicles with high-tech system to reduce fuel waste

By RUSS OLIVO

rolivo@woonsocketcall.com

MILLVILLE - This tiny town is claiming a big first in the realm of fuel efficiency for law enforcement.

In a joint venture with the Massachusetts Department of Energy Resources, officials have equipped the first police cruiser in the state with technology designed to limit the amount of gasoline the vehicle consumes while idling.

The idle reduction system manufactured by Stealth Power of Texas is designed to operate all of the electrical components of a police cruiser, including overhead lights, camera, radio, license plate reader, on-board computer and communications, without the engine running.

"Small departments such as ours need to think of innovative ways to use technology to reduce wear and tear on municipal vehicles," said Police Chief Ronald Landry. "That is what sets us apart from many departments with larger budgets."

The project was the brain-

child of the towns' Green Community Committee and the Millville Police Department, said Landry.

Landry said police cruisers spend much of their time parked and running while officers monitor traffic, help at accident scenes, write reports, and wait to be called because officers commonly needed lights, radios, computers, radar and video cameras to perform their duties. A recent study about fuel consumption by police cruisers concluded that the vehicles are idling 60 percent of the time they're in service, a practice that accounted for more than a fifth of all fuel consumption.

Landry said he conducted a good deal of research before settling on Stealth Power to provide the idle-reduction system. Duggan Vehicle Equipment out of Worcester installed the equipment in a new police cruiser recently in about four hours.

"Fleet managers for police, fire, highway and even state

See FUEL, page A2

Temporary town hall for

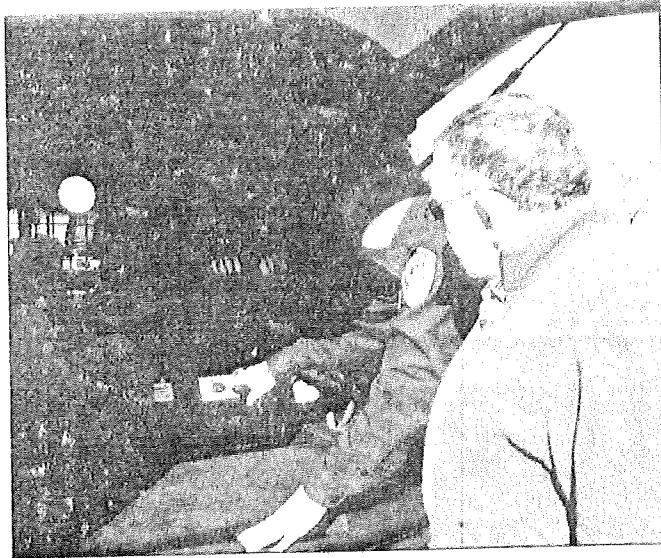


Photo by Russ Olivo

Millville Police Chief Ronald Landry shows Green Community Chairman Joe Rapoza the installed system in the back of the new Ford Explorer.

Fuel

Continued from page A1
 police should be looking at systems such as this, especially when their vehicles idle for extended periods of time," said Landry. "Not only do we extend the longevity of the vehicle with this installation, we reduce gas costs and save

energy."

This is the second vehicle in the police department's fleet that is energy efficient. With the Ford Crown Vic — the gold standard for police cruisers for many years — no longer in production, its successor, the Ford Taurus, is not a practical vehicle for all applications, according to the chief.

"We looked outside the box for a vehicle that would be reliable and efficient to serve the needs of the town of Millville, and our search led us to the hybrid Ford Fusion," he said.

Stealth Power claims its idle reduction systems have prevented the release of thousands of tons of hazardous emissions into the atmosphere, and preserved millions of gallons of fuel — as well as millions of dollars — for their client partner, according to Landry.

Follow Russ Olivo on Twitter @russolivo

Queen's Bingo

THURSDAY NIGHT 6:05

Federal judge in Hawaii puts

By JENNIFER SINCO KELLEHER
 and GENE JOHNSON

Associated Press

HONOLULU — Hours before it was to take effect, President Donald Trump's revised travel ban was put on hold Wednesday by a federal judge in Hawaii.

U.S. District Judge Derrick Watson, nominated to the federal bench by President Barack Obama in 2012, claimed Hawaii would suffer financially if the executive order blocked the flow of students and tourists to the state.

Trump called the ruling an example of "unprecedented judicial overreach" and said his administration would appeal it to the U.S. Supreme Court.

"We're going to win. We're going to keep our citizens safe," the president said at a rally in Nashville. "The danger is clear. The law is clear. The need for my executive order is clear."

The judge issued his 43-page ruling less than two hours after hearing Hawaii's request for a temporary restraining order to stop the ban from being put into practice.

The ruling came as opponents renewed their legal challenges across the country, asking judges in three states to block the executive order that targets people from six predominantly Muslim countries. Federal courts in Maryland, Washington state and Hawaii heard arguments Wednesday about whether it

should be allowed to take effect Thursday as scheduled.

Watson made it clear the ban applied nationwide, it could not be enforced at airports or ports of entry or visas.

Nominated to the federal bench by President Barack Obama, Watson is currently the only Native Hawaiian serving on the federal bench in U.S. history.

In Maryland, a federal judge ruled that the measure against Muslims.

Government attorneys argued the ban was revised to address legal concerns, including an exemption for religious freedom from the affected countries.

"It doesn't say anything. It doesn't draw any lines," said Jeffrey for the Justice Department.

Attorneys for the groups said that Trump's campaign trail and his advisers since he took office made it clear that the intent of the ban was to target Muslims. Trump pollster Miller has said the ban was designed to have "the outcome" as the first.

The new version of the ban is more of a national security

Hall

Continued from page A1

Right now, town hall employees and personnel are working in cramped quarters at the police station.

According to Davis, all of the drywall has been skim-coated and readied for paint; cabinets and countertops have been delivered; plumbing fixtures are on site and ready to be installed; all of the data lines are in; the town clerk's state computer line is being hooked up; cubicles are being assembled; and cable is being installed.

"We are pushing very hard to get this finished and we're looking forward to getting you guys in," Davis told the selectmen. "I think once you're moved in and settled you're going to find that it's even better than what you had at the old town hall."

Special Town Meeting voters last year authorized the selectmen to enter

Millville-Memorial Post 411 and proceed to retrofit the American Main St. as a temporary street for the next three years. Longfellow Municipal Central Street was closed for a summer because of issues.

The American house municipal officials for the next town officials and eventually build a new town hall. During that time, the senior center, library, Chestnut Hill Community meetings and public meetings and

The Municipal Relocation Committee possible venues for the new hall — the American Chestnut Hill Community Center, Chestnut Hill Road, Chestnut Hill Road, and the

DID YOU KNOW?

All Readers can submit
FREE:

- Birth Announcements
- Engagement Announcements
- Wedding Announcements
- Anniversary Announcements

As well as email events, community news, Letters to the Editor, submit photos and even subscribe online at our website!
www.woonsocketcall.com

The Woonsocket Call encourages submissions from our readers.

We accept these announcements in a number of ways:

- You can Fax to 401-767-8509
- You can stop by our office located at:
 75 Main St., Woonsocket, RI
- You can email Birth Announcements to
ads@woonsocketcall.com
- You can email Anniversaries, Engagements and Weddings to
notice@woonsocketcalls.com

Reinventing the Wheel



Millville, Massachusetts -- The Millville Police Department has made two patrol bikes electric in seconds at no cost to the Town of Millville, using grant funding from the Department of Energy Resources and Millville's Green Community Committee.

While at a training conference in New Jersey, Millville's Chief Ronald Landry attended a presentation by GeoOrbital, a Massachusetts manufacturer that has developed a patented electric wheel technology. Each GeoOrbital wheel, developed by engineers from SpaceX and Ford, contains a motor, Li-ion battery, and computer controller inside the wheel.

After a year of testing with police departments (Mashpee Police on Cape Cod was one beta test site) GeoOrbital released a Public Safety model electric wheel - specifically built for Police, Fire, and EMS patrol bicycles.

Adding power to patrol bikes improves officer safety by ensuring that officers arrive at a call fresh and not winded while providing a faster response time and expanding patrol zones.

Bike patrols will respond to calls without having to return to the station to get a cruiser. It will reduce gas consumption and provide flexible mobile security for special events.

Police departments are looking for safer, more efficient greener ways to patrol. Chief Landry believes GeoOrbital technology is a viable green fleet solution.

The Lazy



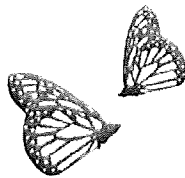
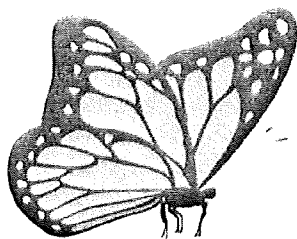
CARROT AND MARMALADE COOKIES

INGREDIENTS:

- 2 carrots
- 2 1/2 cups flour
- 1 cup margarine (if don't have butter, substitute for unsalted butter)
- 2 tbs. baking powder
- 1 package marmalade of your choice
- Powdered sugar for dusting

PROCESS:

1. Preheat the oven to 380 degrees.
2. Prepare a cookie sheet with parchment paper.
3. Finely shred both carrots and set to the side.
4. In a standing mixer roughly combine flour and sugar. Do not have a mixer feel free to knead.
5. Add in the shredded carrots and marmalade.
6. Remove, cover with plastic wrap, and let sit for 10 minutes.
7. Cut the dough in half and place on a cookie sheet.
8. Cut the dough into squares about 2 inches.
9. Place a small piece of marmalade diagonally in half to form a triangle.
10. Using the back of your fork, use it to keep your cookie from opening but it will still be soft.
11. Bake 15-20 minutes or until the cookies are slightly browned.
12. Let the cookies cool slightly and dust with powdered sugar.
13. Sit down and ENJOY your hard work!



Attitudes are contagious
Is yours worth catching?

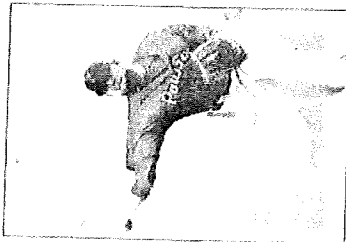
CONSERVE
WATER

Sox snap

losing streak

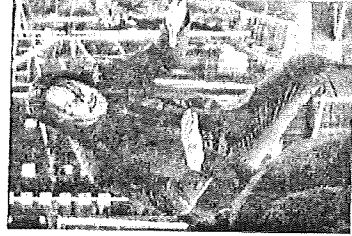
Rehabbing Holt has injury scare when hit by pitch

SPORTS, B1



THE CALL

Friday, May 17, 2019



Action in 3rd 'Wick' flick is lit

Keanu Reeves is back for more violent revenge

FILM, A6

Local bicycle cops get some hot wheels

By RUSS OLIVO

rolivo@wsocketcall.com

MILLVILLE — They say you can't reinvent the wheel, but don't tell members of the Millville Police Department.

They know better, because they're patrolling the Blackstone River Greenway on bicycles outfitted with the GeoOrbital.

Yup, it's a wheel alright, but it basically powers itself with a self-contained, battery-run motor that's

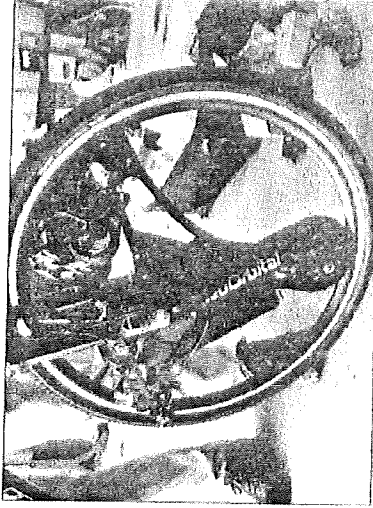
controlled by an internal computer. It can easily replace the front wheel of almost any multi-speed bicycle with standard 27-inch tires so that the rider has the option of converting a regular bicycle into an electric, power-assisted bike when a little extra oomph is needed to crest the next hill or go the extra mile.

With a roughly 4-mile stretch of Blackstone River Greenway slicing through Blackstone, Millville and Uxbridge, the linear park has created a new patrol beat for the MPD

— and some new challenges, according to Police Chief Ronald Landry. Riding bicycles is the best option for police to traverse the Greenway, but normal two-wheel travel — fueled by leg-power — can make answering a call a mile or so a way a breathtaking experience.

"Adding power to patrol bikes improves officers' safety by ensuring they arrive at a call fresh and not winded," says Landry. "Response

See WHEELS, page A2

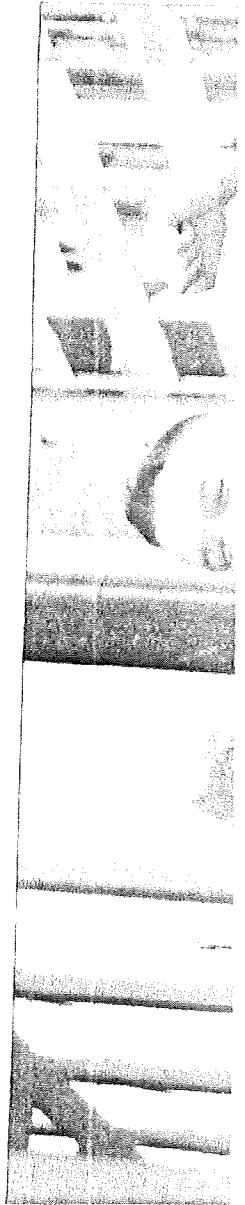


Bicycle police in Millville will have their rides outfitted with high-tech GeoOrbital wheels, which use computers and electric motors to give the bikes an extra burst of speed when it's needed most.

Photo by Russ Olivo

MAKING THE GRADE

Two men guilty of theft from local gun shop



jury and other variations in some authorities said Thursday.

Kim Leach, a spokeswoman for the Dallas County district attorney,

in coming from the scene of an attempted capital murder for similar attacks there, according to county court records.

fight me," according to an arrest affidavit filed in Collin County. The woman was smothered with

jewelry box into a trash bin. They traced the box to Harris, according to the affidavit.

CCRI

Continued from page A1

Recounting her own family's experience, Raimondo spoke about the difference a single college degree can make for an entire family.

"One college degree changed my life and my whole family's life forever," she said, standing on the stage before a couple thousand graduates, many wearing blue 'Rhode Island Promise' sashes. "That was the college degree of my dad."

Raised in a family of immigrants,

Raimondo's father had the cost of his degree covered by the G.I. Bill, and because of that, she said, the lives of each family member for generations following were changed.

"And today," Raimondo continued, "when you get that degree, yours will change your life and your family's life, too."

Megan Hughes, president of the community college, later took the podium to share hopeful sentiments.

"As a class, you represent many firsts," she began, just after a few words from Tim DeGuidice, chair

of the Council on Postsecondary Education. "For some, the first in your family to go to college, the first to earn a degree, and for many of you, the first Rhode Island Promise graduates."

Hughes used "hope" as the theme of her commencement address.

"I've been thinking about hope and community college students for some time," she said.

In her research on the topic, Hughes said she read several studies that confirmed college students with high degrees of hopefulness are more likely to graduate.

"In fact, recent studies suggest that academic success is significantly dependent upon the hope of the student," Hughes said. She claims that hope scores are more accurate than are grade point averages and SAT scores in predicting college success.

"Let's think about that for a moment," she addressed the graduates. "Scoring higher on a hope index means you are more likely to arrive where every single one of you sits today. And that's right here, ready to cross our stage and become a college graduate."

Another study Hughes came across found that community college students are on average more hopeful than students attending four-year institutions.

"The thing that is so powerful about hope is that you can build it, even when you start from a place where you have almost none," she continued. "You can grow it, and make it into a spark that lights your way forward. And you have. You all have. I am so proud of every single one of you for finding that spark of hope and for allowing it to light your way."

Wheels

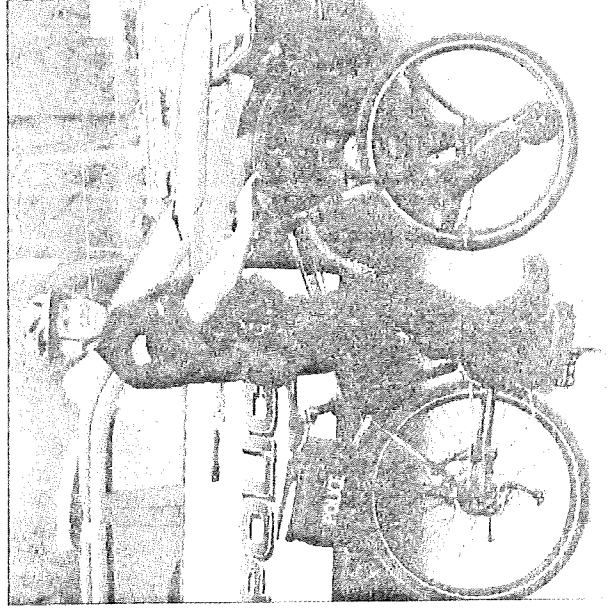
Continued from page A1

times will be faster and we'll be able to expand patrol zones."

Power-assisted bike patrols will enable officers to answer calls without returning to the station to get a cruiser, reduce gasoline consumption and provide "flexible mobile security" for special events, the chief adds.

Headquartered in Cambridge, Mass., where the wheel was invented, GeoOrbital describes itself as a team of scientists, engineers, inventors and entrepreneurs who have previously helped build rockets for Elon Musk's SpaceX and electric cars for Ford. GeoOrbital products are built in New England with structural components assembled in Massachusetts and New Hampshire, the company says.

It was founded in 2014



Officer Blaine Sheppard test rides a new GeoOrbital-equipped bicycle.

by Michael Burrow, who reportedly got the idea for a self-powered wheel when

who gets trapped in the virtual reality of a video game. Somehow Burrow got the notion there was a lot of wasted space in a bicycle between the hub and rim, and he made up his mind to do something about it.

The founders made headlines for successfully pitching their idea for the GeoOrbital wheel on TV's "Shark Tank" and launching one of the most successful Kickstarter campaigns ever, raising nearly \$1.3 million on the crowdfunding site in the span of a few weeks in 2016.

In an era when the younger denizens of major cities seem determined to replace gasoline-powered motor vehicles with electric scooters and jump bikes, the company's pitch was simple.

"There's no denying we have a commuter problem," GeoOrbital told would-be investors. "Every day millions of people line up behind the wheels of their cars

in so-called mega-regions, burning time, fuel and sanity. It's clear that the future of transportation is electric and that electric bikes are by far the most popular electric vehicle."

"However," the company added, "electric bikes tend to still be too expensive and too burdensome for a lot of commuters."

Landry discovered GeoOrbital for the first time a few months ago at a conference in New Jersey. The conference was about legal cannabis — not bicycles — and Landry was attending because the town may host a dispensary in the not-too-distant future. GeoOrbital was set up in a vendor booth, marketing a version of the self-powered wheel that was specifically designed for public safety applications. Landry gave a test-run in a bicycle equipped with the wheel. Without any help from him, he was surprised to see

the bike accelerate to about 20 mph.

"It was amazing," said Landry. "I was impressed."

If anybody's proof that the company's sales pitch was spot on — it could be Landry.

Using a grant from the Department of Energy and Resources, the MPD purchased two of the GeoOrbital wheels at a cost of about \$1,800 each. New electric bicycles would have carried a price tag of about \$3,000 each.

It only takes about 60 seconds to snap on the GeoOrbital, which runs on a lithium-ion battery. There's enough power in it to last about eight hours before the battery needs recharging.

"Police departments are looking for safer, more efficient and greener ways to patrol," the chief said. "GeoOrbital technology is a viable green fleet solution."

*Editor: Russ Oliver
Tribune Association*



"Turn your Patrol Bike electric in 60 seconds"

GeoOrbital
17 Properzi Way
Somerville, MA 02143 U.S.A.
Attn: David Cohen - Vice President
Phone: (781) 248-5594

INVOICE

Date: 5/15/2019

105151929PSDC1

To: Chief Ronald Landry
Millville Police Department
10 Main St.
Millville, MA 01529
(508)883-3117
chief.landry@millvillepolice.com

Delivery	Job Name	Payment Terms	Due Date
10 Days	Millville P.D.	Immediate	On receipt of material

Qty	Description	Price Each	Line Total
2	29PS GeoOrbital Wheel- Black. Includes (1) High Capacity Battery, Smart Charger, Lever Throttle w/Extender, Disc Brake Adapter kit (Integral), Brake Cable, Flat Proof Tire.	\$1,899.00	\$3,798.00
2	L.E.D. Police Light Package. For 29PS Electric Wheel. Blue/Red Flashing & White Light, USB Connector & Cable.	\$199.00	N/C
2	Shipping* (Price listed is for EACH wheel ordered) *Shipping cost pricing represents multi-wheel 100% discount.	N/C	N/C
	On site installation provided at No Charge		N/C
	1 Yr Commercial Warranty from date of install - 5/13/2019		
		Tax	(Tax Exempt)
		TOTAL	\$3,798.00

Re-Cycled Bicycle
 26 Mill Street, Woonsocket, RI 02895
 401-636-0960
 www.myrecycledbicycle.com

NO OFFERS
 Ready
 297075

NAME *Millville Police* DATE *5-9-19*
 ADDRESS *Chief Ron Landry*
 CITY STATE ZIP
 HOME PHONE WK PHONE
508-883-3117
 E MAIL MAIL LIST OK? ☐

DUE DATE
 S M T W T F S
 TIME

ITEM DESCRIPTION *Fuji Police Bike* SAVE OLD PARTS ☐

RECEIVE
 MAY 15 2019
 Received from State, Fed, Gov, Local, or Municipality

EST. \$		EST. BY	PARTS OR SERVICE	PARTS	LABOR
Install Tube	F	R			
Install Tire	F	R			
Adjust Brakes	F	R			
Adjust Gears	F	R			
Replace Cables	FB	RB	FD	RD	ALL
Replace Brake Pads	FB	GB	BOTH		
Adjust Bearings	FH	RH	HD	BD	ALL
True Wheel	F	R	BOTH		
Respoke Wheel	F	R	BOTH		
Overhaul	FH	RH	HD	BD	ALL
Bike Tune-Up	Standard		Major		
Bike Overhaul	Standard		Major		
Install <i>New Bike</i>					70.00
<i>Build</i>					
<i>Water Bottle Cage</i>				4.00	
Shop Supply Fee					
PARTS				4.00	
LABOR					70.00
TAX					
TOTAL					74.00

HK CLR
 MDL
 MK

NAME
 ITEM READY FOR PICK UP &
 CUSTOMER NOTIFIED DATE

HK
 QUT

☐ Hold Work
☐ Resume Work
☐ See Reverse
☐ Safety Warnings

10

POLICE
BIKE STORE.COM

Shipping ADDRESS

EarthSpirits Net Inc
26 Richboynton Rd
Dover, NJ07801 US

SHIPPING ORDER

Date : 5/2/2019 Time : 4:07:29PM
ORDER ID: 4698

Contact us at: 973-366-5868
or info@policebikestore.com

556843

SHIP TO

Ronald Landry
Millville Police
10 Central Street
Millville, MA 01529

United States

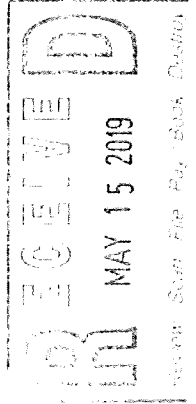
ORDERED BY

Ronald Landry
Millville Police
10 Central Street
Millville, MA 01529

United States

Order Comments:

Order ID	Ship Label Reference	Order Date	Requested Arrival Date	Suggested Shipping	Purchase Order Number	Reference Number
4698		05/02/2019		FEDEX GROUND Multiweight	45274	Project ID: 39698
Offer ID	Offer Description	Quantity Ordered	Quantity Shipped	Quantity B.O	Quantity Canceled	Quantity Prior Ship
1182720721-FujPat29-21	Police Patrol 29 21 Black	1	1	0	0	0
Bel-Piston-BK-7019504	Bell Piston Bike Helmet - Black 7019504	1	1	0	0	0
C3S-ULT-BAG-POLICE	C3Sports Trunk Bag with POLICE DECALS ON BAG	1	1	0	0	0
Helmet-Decal-White-Police	Helmet Decals White POLICE	1	1	0	0	0
PBS-Water-Bottles	Police Bike Store Water Bottle	1	1	0	0	0
SW2300NiteStalkROBL	NiteStalker Police Bike Light Red / Blue	1	1	0	0	0



Payment Register - Detail - by Payment - Payable(s) Pending

Warrant: AP1947

Created: 05/24/2019

Payment Number	Dated	Manual	Status	Payee			Amount
Block / Batch				Invoice	Dated	Voucher	
Ledger Account Number				Account Name			
29069	05/24/2019	<input type="checkbox"/>	Open	ELAINE ETHIER			170.69
29070	05/24/2019	<input type="checkbox"/>	Open	EMILE BERTHELETTE			55.80
HISTORIC / DL-20190524				REIMBURSE	05/13/2019	43	55.80
Exp 10-691-5580-00000000				Historical Other Expenses			55.80
29071	05/24/2019	<input type="checkbox"/>	Open	Forms & Supplies Unlimited Inc.			170.20
TREASURER 3 / DL-20190524				143300	05/16/2019	41	170.20
Exp 10-145-5307-00000000				Treasurer/Collector Billing			170.20
29072	05/24/2019	<input type="checkbox"/>	Open	GEOORBITAL INC			3,798.00
POLICE 2 / DL-20190524				I05151929PSDC1	05/15/2019	12	3,798.00
Exp 29-210-5580-2901HS16				Green Communities 2016 Other Expenses			3,798.00
29073	05/24/2019	<input type="checkbox"/>	Open	Henry Schein Inc.			23.92
FIRE / DL-20190524				19134537	05/09/2018	16	-147.02
Exp 10-220-5500-00000000				Fire Medical Supplies			-147.02
FIRE / DL-20190524				64986933	05/08/2019	15	170.94
Exp 10-220-5500-00000000				Fire Medical Supplies			170.94
29074	05/24/2019	<input type="checkbox"/>	Open	HURTEAU RICHARD R			461.37
RE REFUNDS 2019 / DL-20190524				RE REFUNDS 2019	05/16/2019	25	461.37
Rev 10-145-4120-20190000				Real Estate Taxes 2019			461.37
29075	05/24/2019	<input type="checkbox"/>	Open	Kelley & Ryan Associates Inc			432.50
TREASURER 2 / DL-20190524				19-4063	05/14/2019	7	258.50
GL 90-145-2580-00000000				Deputy Collector Fees			258.50
TREASURER 2 / DL-20190524				19-4191	05/15/2019	8	174.00
GL 90-145-2580-00000000				Deputy Collector Fees			174.00
29076	05/24/2019	<input type="checkbox"/>	Open	KOBETITSCH DEAN %PAM			41.99
COA / DL-20190524				REIMBURSE	05/13/2019	26	41.99
Exp 81-541-5350-8101CRXX				Beaulieu Trust Programming/Activities			41.99
29077	05/24/2019	<input type="checkbox"/>	Open	Labonte Timothy			29.88
CABLE / DL-20190524				REIMBURSE	05/16/2019	24	29.88
Exp 27-675-5580-2701HS00				Cable Revolving Other Exp			29.88
29078	05/24/2019	<input type="checkbox"/>	Open	Landry%Ronald S			889.94
POLICE / DL-20190524				REIMBURSE	05/02/2019	2	889.94
Exp 29-210-5580-2901HS16				Green Communities 2016 Other Expenses			889.94
29079	05/24/2019	<input type="checkbox"/>	Open	LECUYER LIZA J			17.69
RE REFUNDS 2019 / DL-20190524				RE REFUNDS 2019	05/16/2019	25	17.69
Rev 10-145-4120-20190000				Real Estate Taxes 2019			17.69
29080	05/24/2019	<input type="checkbox"/>	Open	MASSACHUSETTS CHIEFS OF POLICE ASSN. I			15.00
POLICE 2 / DL-20190524				13756	05/17/2019	11	15.00
Exp 10-210-5582-00000000				Police Uniforms			15.00
29081	05/24/2019	<input type="checkbox"/>	Open	MCI Comm Service			33.00
TOWN / DL-20190524				1EW99472	05/11/2019	31	33.00
Exp 10-300-5230-00000000				MES Water Operations			33.00
29082	05/24/2019	<input type="checkbox"/>	Open	Millville Gas & Service			70.00
POLICE 2 / DL-20190524				23795	05/16/2019	9	35.00
Exp 10-210-5242-00000000				Police Vehicle Repairs & Maintenance			35.00
POLICE 2 / DL-20190524				23895	05/16/2019	10	35.00
Exp 10-210-5242-00000000				Police Vehicle Repairs & Maintenance			35.00
29083	05/24/2019	<input type="checkbox"/>	Open	Millville Postmaster			199.50
POLICE 2 / DL-20190524				STAMPS	05/20/2019		199.50

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Printed by: bmadlavery

Page 2 of 4

Payment Register - Detail - by Payment - Payable(s) Pending

Warrant: AP1947

Created: 05/24/2019

Payment Number	Dated	Manual	Status	Payee	Dated	Voucher	Amount
Block / Batch				Invoice			
Ledger Account Number				Account Name			
29083	05/24/2019	<input type="checkbox"/>	Open	Millville Postmaster			199.50
Exp 10-210-5345-00000000				Police Postage & Mailing			199.50
29084	05/24/2019	<input type="checkbox"/>	Open	Millville Postmaster			55.00
FIRE / DL-20190524				STAMPS FIRE	05/20/2019		55.00
Exp 10-220-5345-00000000				Fire Postage & Mailings			55.00
29085	05/24/2019	<input type="checkbox"/>	Open	RE-CYCLED BICYCLE			74.00
POLICE / DL-20190524				297075	05/09/2019	1	74.00
Exp 29-210-5580-2901HS16				Green Communities 2016 Other Expenses			74.00
29086	05/24/2019	<input type="checkbox"/>	Open	ROGER JR BELANGER			102.08
MOVX REFUNDS 2019 / DL-20190524				MVX REFUNDS 2019	05/20/2019	4	102.08
Rev 10-145-4150-20190000				Motor Vehicle Excise 2019			102.08
29087	05/24/2019	<input type="checkbox"/>	Open	SIMMONS STEPHEN AND GUZIN			189.19
RE REFUNDS 2019 / DL-20190524				RE REFUNDS 2019	05/16/2019	25	189.19
Rev 10-145-4120-20190000				Real Estate Taxes 2019			189.19
29088	05/24/2019	<input type="checkbox"/>	Open	Sun Life Financial			38.28
SUNLIFE / DL-20190524				222608	05/14/2019	40	38.28
Exp 10-914-5170-00000000				Health Insurance Fringe Benefits on Behalf of Employees			38.28
29089	05/24/2019	<input type="checkbox"/>	Open	THIBEAULT KEITH			7.09
RE REFUNDS 2019 / DL-20190524				RE REFUNDS 2019	05/16/2019	25	7.09
Rev 10-145-4120-20190000				Real Estate Taxes 2019			7.09
29090	05/24/2019	<input type="checkbox"/>	Open	Town of Uxbridge			200.00
FIRE / DL-20190524				UXML190162	02/05/2019	19	200.00
GL 90-220-2580-00000000				Ambulance Runs Due to Other Municipalities			200.00
29091	05/24/2019	<input type="checkbox"/>	Open	Travelers			280.00
INS / DL-20190524				7916Y1185	05/02/2019		280.00
Exp 10-945-5740-00000000				Property & Liability Insurance Employee Bonds & Sureties			280.00
29092	05/24/2019	<input type="checkbox"/>	Open	TRAVELERS TRANSIT INC.			5,088.00
FY 18 / DL-20190524				30933	06/30/2018	3	5,088.00
Exp 10-381-5333-00000000				Norfolk Aggie Transporations			5,088.00
29093	05/24/2019	<input type="checkbox"/>	Open	ULINE INC			203.58
POLICE 2 / DL-20190524				108499765	05/09/2019	13	203.58
Exp 10-291-5580-00000000				Civil Defense Other Expenses			203.58
29094	05/24/2019	<input type="checkbox"/>	Open	Verizon Wireless			319.16
VERIZON / DL-20190524				9829442803	05/03/2019	36	319.16
Exp 10-210-5340-00000000				Police Telecommunications			140.11
Exp 10-220-5340-00000000				Fire Telecommunications			65.06
Exp 10-241-5340-00000000				Building Inspector Telecommunications			32.53
Exp 10-292-5340-00000000				Animal Control Telecommunications			48.93
Exp 10-541-5340-00000000				COA Telecommunications			32.53
29095	05/24/2019	<input type="checkbox"/>	Open	W.B. MASON CO INC			373.53
TOWN 2 / DL-20190524				i66224144	05/10/2019	32	197.40
Exp 10-192-5420-00000000				Town Hall Admin & Office Supplies			197.40
TOWN 2 / DL-20190524				i66298654	05/14/2019	33	25.48
Exp 10-192-5420-00000000				Town Hall Admin & Office Supplies			25.48
TOWN 2 / DL-20190524				i66305058	05/14/2019	34	44.97
Exp 10-192-5420-00000000				Town Hall Admin & Office Supplies			44.97
TOWN 2 / DL-20190524				i66309695	05/14/2019	35	85.34
Exp 10-192-5420-00000000				Town Hall Admin & Office Supplies			85.34