



Sustainable Jersey for Schools Certification Report

This is the Sustainable Jersey for Schools Certification Report of Millbridge Elementary School (Burlington), a Sustainable Jersey for Schools bronze certified applicant.

Bronze level winner in inaugural year 2015-2016, 2018-2019, 2021-2022

Contact Information

The designated Sustainable Jersey for Schools contact for Millbridge Elementary School (Burlington) is:

Name:	ERICA DEMICHELE
Title/Position:	K-12 SUPERVISOR OF CURRICULUM / SCIENCE, ENGINEERING, F&CS AND TECHNOLOGY
Address:	50 HARTFORD ROAD DELRAN, NJ 08075
Phone:	856-461-6100 X3034

Actions Implemented

Each approved action and supporting documentation for which Millbridge Elementary School (Burlington) was approved for in 2015 appears below. Note: Standards for the actions below may have changed and the documentation listed may no longer satisfy requirements for that action. Additionally, points associated with actions prior to 2013 certifications may not be accurate.

Diversity & Equity

Breakfast After the Bell

20 Points

School District

Program Summary: The Breakfast After the Bell program began at Millbridge in September of 2012 as a trial run. The program has had such success that it continues to this day. In fact, 1 in 5 children eat their breakfast as a result of this option. The original implementation has not fluctuated. All students that are on free and reduced lunch, as well as students that apply for the program and pay, are entitled to a breakfast which is rolled to their classroom each morning at 8:45am. The menu choices are found in the application downloads. NutriServe, the food service vendor for the district, has made nourishing children with healthy, fresh and local options a mission. Fiorangela Hummel is the Food Service Director for Delran School District through NutriServe. Fiorangela's contact information is 856-461-6100 ext. 3027 The April School Nutrition Electronic Application and Reimbursement Statement from 2015 shows that Millbridge had a total of 2,260 breakfasts given from the Breakfast After the Bell program at Millbridge. Additionally, the District allows all students access to the Free and reduced lunch application http://www.delranschools.org/UserFiles/Servers/Server_3013589/File/Vicki%20Moreno/Free%20and%20Reduce%20Lunch%20application-%202014-2015%20school%20year.pdf In addition, for parents that need to fill out the application in Spanish, we have copies provided. Translation services are provided for other non-native speakers. Finally, access to the Millbridge Elementary School Breakfast After the Bell program can be found at http://mes.delranschools.org/UserFiles/Servers/Server_3013317/File/Millbridge%20Breakfast%20in%20the%20Classroom%20Order%20Form.pdf.

WORD: [BREAKFAST AFTER THE BELL DOCUMENTATION](#)

WORD: [BREAKFAST AFTER THE BELL DOCUMENTATION](#)

PDF: [BREAKFAST AFTER THE BELL DOCUMENTATION](#)

PDF: [BREAKFAST AFTER THE BELL DOCUMENTATION](#)

Energy Efficiency

Energy Audit

20 Points

 Bronze Priority  Silver Priority School

Program Summary: In 2010-2011, an energy audit was done on the Millbridge School by The Cadmus Group. However, the findings were not to our satisfaction to move our efficiencies forward. Therefore, in 2011-2012, an in-depth energy audit was completed by Dome-Tech, Inc. This audit included all 4 schools: Delran High School, Delran Middle School, Delran Intermediate School and Millbridge Elementary School. The objective of the audit was to gauge our energy consumption, establish a baseline for our energy efficiencies and finally, to identify opportunities to reduce the amount of energy we used, at each building. The result was our Business Administrator, Dr. Christopher Russo, establishing funding from the budget towards the noted upgrades such as energy efficient lighting and optimized timers on all building lights. In addition, he has slowly worked with our Support Services staff to make a plan for action, based on each year's budget to implement more cost effective savings. Finally, being a member of The New Jersey School Boards, he has worked closely with other Business Administrators in the State of NJ to adopt energy efficient practices.

PDF: [ENERGY AUDIT DOCUMENTATION](#)

WORD: [ENERGY AUDIT DOCUMENTATION](#)

PDF: [ENERGY AUDIT DOCUMENTATION](#)

Building Efficiency Measures

20 Points

 Bronze Priority  Silver Priority School

Program Summary: Delran has implemented many Building Efficiency Measures over the years: In 2008-2009, The District installed new lighting fixtures and motion sensors in Millbridge Elementary and District-wide. This is shown in the documentation, and included incentives from the NJ Clean Energy Program. The pre-EUI measurement was from 2008-2009, and the post EUI is in the DomeTech audit. These measurements shows a decline from 76 to 56.5 kBTU/SF, or a 22% decrease. In the late winter of 2015, our Business Administrator took the results of the energy audit to identify areas that purchasing could enhance our costs. He identified that all electric appliance, including our photocopiers, computers and vending machines were electricity hogs. As a result, all appliances, either purchased or leased must have the Energy Star seal of performance. In addition, Dr. Russo has researched and requested a quote on an appliance that can be attached to snack and vending machines that can reduce ghost energy consumption. Dr. Russo has proposed to purchase these items for all snack and vending machines in the district. As a member of The New Jersey School Boards Association, he has worked closely with other Business Administrators in the State of NJ to adopt energy efficient practices. The NJSBA adopted ACES, which was their chosen consortium. ACES was supposed to be an incentive to save electricity through the NJSB's bulk purchasing option. ACES chose Direct Energy to be the consortium's energy provider. Since May 2013, our school district has been using ACES. The contract ends in May 2015. From that point on, Delran and other members of the NJSBA have bid out. We have chosen to work with Schneider Electric, because we've been unhappy with the performance and cost savings that we believed ACES guaranteed. Shared Services with Medford Township Public Schools - We have made a resolution for shared services with Medford, NJ. Medford went to bid, and Schneider won the bid for procurement of energy including bill pay analysis, so they will obtain the energy by reviewing our bills for cost and seek ways for saving energy by reviewing all of our systems. This generates the highest level of internal auditing possible. The timeline for starting this work is July 1, 2015. Based upon the results of the Dome-Tech energy audit, the District has chosen to move forward with an Energy Savings Improvement Program (ESIP). On July 28, 2015, the District issued an RFP to select an Energy Services Company to fully develop and implement the ESIP. It is anticipated that this work will be completed by the Fall of 2016, and will include many energy conservation measures such as lighting upgrades, motion sensors, upgraded building management systems, building weatherization, plug load control devices, and solar power.

PDF: [BUILDING EFFICIENCY MEASURES DOCUMENTATION](#)

PDF: [BUILDING EFFICIENCY MEASURES DOCUMENTATION](#)

PDF: [BUILDING EFFICIENCY MEASURES DOCUMENTATION](#)

PDF: [BUILDING EFFICIENCY MEASURES DOCUMENTATION](#)

PDF: [BUILDING EFFICIENCY MEASURES DOCUMENTATION](#)

WORD: [BUILDING EFFICIENCY MEASURES DOCUMENTATION](#)

PDF: [BUILDING EFFICIENCY MEASURES DOCUMENTATION](#)

PDF: [BUILDING EFFICIENCY MEASURES DOCUMENTATION](#)

PDF: [BUILDING EFFICIENCY MEASURES DOCUMENTATION](#)

Food & Nutrition

Promote Locally Grown Foods

10 Points

School District

Program Summary: NutriServe, our food services provider has worked diligently to provide cost effective, nutritious solutions to our students and staff. One way that they have engaged in these savings is through the DoD Fresh Entitlement program. This money allows the schools to purchase fresh, local and on demand as needed. Dan Witkowski, Operations Manager/Corporate Chef from NutriServe Food Management Inc., who is also the NJSNA Vice President, has worked to provide training to all staff regarding the NJ Farm to School events. The staff has incorporated many locally grown, fresh items as a result of the trainings and supports. One interesting initiative that the Millbridge Elementary School students have participated in is the "Road Show", where the students are introduced to Farmer John each year. The farmer comes out, offers some of the crops that he grows and does question and answer sessions with the students. In addition, our Green Team has had the opportunity to explore our greenhouse and horticulture program at Delran High School where they learn firsthand about the way that plants grow and how to cultivate and nurture their own gardens. This trip inspired the students to create their own foods in the Carton2Garden school challenge, whereby the students are growing their own herbs!

PDF: [PROMOTE LOCALLY GROWN FOODS DOCUMENTATION](#)
PDF: [PROMOTE LOCALLY GROWN FOODS DOCUMENTATION](#)
PDF: [PROMOTE LOCALLY GROWN FOODS DOCUMENTATION](#)
WORD: [PROMOTE LOCALLY GROWN FOODS DOCUMENTATION](#)

Healthy Food Choices Beyond the Cafeteria

10 Points

School District

Program Summary: The PTA provides: I went through our calendar and came up with an overview of food that is provided by the PTA: • Welcome Back Staff Breakfasts - Fruit trays, bagels, juice and coffee for staff • Room Representative Tea - Veggie tray, cookies, water bottles • BINGO Night - Animal crackers, cheese balls, lemonade and water • Staff Appreciation Luncheons - Caesar Salad, grilled chicken with veggies, penne a la vodka, fruit tray, desserts, drinks Other food items provided as an option to parents by NutriServe: • Classroom Parties - Room Representatives and parents are able to purchase party foods as healthy options- apples, soft pretzels, popcorn • Fall Festival - provided by parent donations - some healthy options are provided Students are given the menu options every month, and the highlighted areas (as seen in the menu below), allow students the choice of balanced meals including grains, proteins, fruits, vegetables and milk. The "Veggie Grab Bags" are given to students every day, and include fresh, raw carrots, peppers, broccoli, mixed veggies, etc... depending on seasonality. This coincides with the DoD Fresh Entitlement program goals as well as NJ Farm to School events and programs. The cafeteria staff have found that using literature about their health food options and providing pieces of a variety of foods that students and teachers have never tried is a great way to encourage those healthy eating habits! During the National Nutrition Month event the staff cut up all sorts of unexpected varieties of fruits and vegetables, in various forms (whole, peeled, julienned, pureed, juiced, etc...) to show students that foods in preparation may not always appear the same, yet their nutrition and flavors are wonderful. Blood oranges were a particular favorite last year. Finally the Millbridge Green Team Carton2Garden school challenge, whereby the students are growing their own herbs, is giving students the option to grow their foods, which can be done as a local, and healthy option, when added to a meal (as they will soon discover from their menu planning sessions this spring).

PDF: [HEALTHY FOOD CHOICES DOCUMENTATION](#)
PDF: [HEALTHY FOOD CHOICES DOCUMENTATION](#)
PDF: [HEALTHY FOOD CHOICES DOCUMENTATION](#)
PDF: [HEALTHY FOOD CHOICES DOCUMENTATION](#)
PDF: [HEALTHY FOOD CHOICES DOCUMENTATION](#)
PDF: [HEALTHY FOOD CHOICES DOCUMENTATION](#)
PDF: [HEALTHY FOOD CHOICES DOCUMENTATION](#)
WORD: [HEALTHY FOOD CHOICES DOCUMENTATION](#)

School Gardens

10 Points

School

Program Summary: In the fall of 2014, the Millbridge Green Team embarked on a new learning adventure by implementing the Carton2 Garden project which combines recycling with growing a garden. The students on the team collected milk cartons from the cafeteria and planted seeds to grow an herb garden. On February 10th, 2015, 53 cartons were planted with seeds of parsley, chive, basil, chamomile and dill. They are currently thriving in the window adjacent to the library, so that all Millbridge students may observe the progress of the project, and the plants are in an optimal growing condition, similar to that of a greenhouse garden. The Green Team students tend to and water the garden biweekly. Once the weather warms, the milk cartons attached to the Bear will be taken outside. Because the garden is in an area where all the students pass by, the whole student body is becoming enriched with the growing process of the herbs. All students received instruction on the nutritional value of the garden and its benefit to the environment in a lesson by the librarian, Mrs. Denyse Bieg. Additionally, the Green Team has been working on reading through cookbooks which incorporate the herbs they are growing. The students will decide on menu which will be prepared and eaten by all Millbridge by the end of the school year. This project is as of yet, not completed. The creation of the Bear, as a member for the garden is in full swing. There will also be an "on demand" irrigation system created to water each of the 53 containers on an as need basis. Finally, by participating in Carton2 Garden it is a competition if you fulfill the requirements. The grand prize winners earn \$2500, 2nd prize earns \$1000 and 3rd prize earns \$500 to spend at their gardening store. Our hope is to buy tools, supplies, etc... for a future raised bed garden. Attached are the lesson plans for the school garden. The students even researched their herbs to create their own recipes from those items. Healthy eating can be homegrown!

PDF: [SCHOOL GARDENS DOCUMENTATION](#)
PDF: [SCHOOL GARDENS DOCUMENTATION](#)
WORD: [SCHOOL GARDENS DOCUMENTATION](#)
WORD: [SCHOOL GARDENS DOCUMENTATION](#)

Green Cleaning

Green Cleaning Supplies

10 Points

School District

Program Summary: Pritchard has been the Board approved vendor for custodial services since 2011-2012 school year to the present day. To inform students, staff and the public about the chemicals used, there is a plaque which hangs in every school, including the Board of Education office regarding the chemicals used to clean in the building. Their all-purpose cleaner, Clean by Peroxy meets the green seal standard for industrial and institutional cleaners, for use in all Delran Township Public School buildings. As part of the bidding process for Pritchard, they needed to attest to the following: • Green Seal certification (GS37) for each of the products bid or • Environmental Choice Certification (CCD-146) or • Proof of recognition by the US Environmental Protection Agency's by design for the Environment (DFE) for each product that carries the DFE logo or • Green Seal (CS-40) Certification or • Environmental Choice Certification

WORD: [GREEN CLEANING SUPPLIES DOCUMENTATION](#)

PDF: [GREEN CLEANING SUPPLIES DOCUMENTATION](#)

PDF: [GREEN CLEANING SUPPLIES DOCUMENTATION](#)

PDF: [GREEN CLEANING SUPPLIES DOCUMENTATION](#)

WORD: [GREEN CLEANING SUPPLIES DOCUMENTATION](#)

PDF: [GREEN CLEANING SUPPLIES DOCUMENTATION](#)

Healthy School Environments

Classroom Chemical Purchase, Storage & Disposal Policy

15 Points

School District

Program Summary: Coastal Environmental Compliance, LLC is an Environmental Consulting Firm that has helped Delran Township Public Schools maintain compliance with environmental regulations since 2003. Their environmental consulting, industrial hygiene and health and safety trainings and inventories have helped our district meet and maintain today's environmental and health and safety compliance standards. Coastal maintains a record of our Chemical Hygiene Plan for all materials used in the district, including in our four buildings. At this time, Millbridge Elementary does not use any hazardous materials which are in need of disposal. However, a Right to Know fact sheet is provided by Coastal along with the most current standards. Each building's binder with Emergency contacts (also in every science room, nurse's office and transportation building). In addition, the school district has a board policy #7420, for their Hygienic Management Plan, which is available to the public: <http://www.delranschools.org/common/pages/DisplayFile.aspx?itemId=4496505> The Chemical Hygiene Plan and associated documents can be found on the District Homepage (Parent/Community section) or under Millbridge's page (Under Parent/Green Team Information) http://www.delranschools.org/UserFiles/Servers/Server_3013589/File/JoelDeanley/Delran%20HS%20MS%20CHP%202014%20pdf.pdf The district has purchased no hazardous waste, nor removed any hazardous waste in the past 12 months. Additionally, all purchased chemical storage containers are up to date, but there is no documentation of their purchase available. Coastal Management ensures that the high school and middle school are in compliance of all laws in proper storage and disposal of chemicals.

PDF: [CLASSROOM CHEMICAL PURCHASE, STORAGE & DISPOSAL POLICY DOCUMENTATION](#)

WORD: [CLASSROOM CHEMICAL PURCHASE, STORAGE & DISPOSAL POLICY DOCUMENTATION](#)

WORD: [CLASSROOM CHEMICAL PURCHASE, STORAGE & DISPOSAL POLICY DOCUMENTATION](#)

PDF: [CLASSROOM CHEMICAL PURCHASE, STORAGE & DISPOSAL POLICY DOCUMENTATION](#)

WORD: [CLASSROOM CHEMICAL PURCHASE, STORAGE & DISPOSAL POLICY DOCUMENTATION](#)

PDF: [CLASSROOM CHEMICAL PURCHASE, STORAGE & DISPOSAL POLICY DOCUMENTATION](#)

Innovation Projects

Innovative Project #2

10 Points

School District

Program Summary: In 2011, the Green Team decided to introduce the idea of recycled objects as art. They asked teachers to introduce the idea of the "Green Creations Challenge" to their students. The librarian, Mrs. Bieg promoted these efforts through both fiction and nonfiction reading, writing and drawing in library time. All students realized that they could recycle an item from home to turn the item into a new creation. All projects were submitted during Earth Week. The entries were then displayed at a school-wide assembly. Students that did not have ideas or materials were offered recycled goods from the teachers. On Earth Day, the students displayed their creations which included bird feeders, planters, robot and musical instruments. In addition, each class was celebrated with an Earth Day Green Team Creation Assembly. As a result of the successes of the 2010-2011 and 2012-2013 Green Creations Challenge, the Green Team in 2013-2014 decided to incorporate their creation idea into a gift that students could give to their family at the holidays. The "Giving Green Project" was introduced to show the students of Millbridge that it didn't take a lot of money to create a beautiful gift. Members of the Green Team demonstrated this idea for the entire school by creating their own gift from items found around their own homes. The Green Teams message was that a recycled gift could be just as wonderful as a gift that had to be purchased. The students showcased their work on December 6th in the gymnasium. The students that created the gifts stood at their display and explained to viewers how they made the item and who they intended to give that item to for the holiday. The Green Team of 2014-2015 is intending to do the Earth Day Green Team Creation Assembly once again this April, 2015.

IMAGE: [INNOVATIVE PROJECT #2 DOCUMENTATION](#)

WORD: [INNOVATIVE PROJECT #2 DOCUMENTATION](#)

IMAGE: [INNOVATIVE PROJECT #2 DOCUMENTATION](#)

WORD: [INNOVATIVE PROJECT #2 DOCUMENTATION](#)

Student & Community Outreach

Green Team

10 Points Bronze Required School District

Program Summary: Included in the document called, "The Green Team Annual Summary", the union and administrative leadership recognizes that the Green Team advisors, Jamie Murphy and Denyse Bieg have been working with Millbridge students since 2009. The Millbridge Elementary School's Green Team is comprised of second grade students, principal, teachers, librarian, science supervisor and Business Administrator who are passionate for our planet. The students are chosen through an application process to be a member of this environmental focused group that works on various projects throughout the school year that create and promote earth-friendly ideas. The most qualified applicants are chosen each year based on their exceptional essays, recommendations from parents and teachers, and of course...their drive for a more sustainable school! Each Fall the newest Green Team members are introduced at a school-wide assembly, where they discuss the eco-friendly projects and goals for the school year. Part of the Green Team initiative this year is to educate our 1st grade and Kindergarten classes on the Koi population that live in our courtyard pond. The Green team members have done an extraordinary job at researching and presenting their information on guided tours through the pond area. Beautifying the school has been one of the Green Team's favorite responsibilities. Through their effort and zest for all things green, the school yards now have taken on a vibrant hue with new landscaping and flowers beds that bloom throughout the year. An ongoing project the Green Team works on is recycling juice pouches and trash from the cafeteria, called the Drink Pouch Brigade through a company called Terracycle. "Millie" our Green Team mascot was created out of recycled juice pouches and snack packaging that would have otherwise been thrown in the trash from student lunches. In return, our school receives money for the trash we send in! Millbridge Elementary School is proud of our Green Team's accomplishments and the difference they are making in our community. Additionally, the 2014-2015 Green Team has: toured the Delran High School horticulture classes greenhouse to identify optimal conditions for plant growing, entered a Carton2Garden competition to create a school garden and devise culinary creations from their efforts, done wildlife and habitat studies at local ecological sites like Amico Island as well as begun preparations for a "Giving Green Assembly" for Earth Day, where the school will have an assembly and opportunity to create gifts from recyclables.

PDF: [GREEN TEAM DOCUMENTATION](#)PDF: [GREEN TEAM DOCUMENTATION](#)WORD: [GREEN TEAM DOCUMENTATION](#)PDF: [GREEN TEAM DOCUMENTATION](#)PDF: [GREEN TEAM DOCUMENTATION](#)WORD: [GREEN TEAM DOCUMENTATION](#)

Enrichment Programs through Partnership

10 Points

School

Program Summary: Prime Time has served Millbridge students on site for the past decade. Students are engaged in play, as well as provided academic support during the hours that the program runs. In order to participate, parents are required to complete an application form and submit directly to the YMCA along with any applicable fees. The program rate varies, depending on the number of days that a child attends. There is also a tuition assistance program for parents who meet income requirements. In addition to Prime Time's Before and After School Program, it also offers sports-related classes during the year such as karate, soccer and tennis. There are limited slots for those programs because these activities are open to all Millbridge students, not just those who attend Prime Time. For the last two years, Prime Time has run Camp Horizons, which is a Millbridge-based summer camp open to any child in the community. The program operates with a typical schedule to include day long activities, field trips, swimming and lunch. For three years, the YMCA has also operated an extended day Kindergarten program at Millbridge. In 2009, the Millbridge full day Kindergarten program was cut due to budget cuts, and Millbridge developed partnerships with community programs to facilitate additional instructional activities to take the place of our eliminated full day program. Students attend the YMCA program in either an AM or PM session, and YMCA teachers collaborate with Millbridge teachers on curriculum.

PDF: [ENRICHMENT PROGRAMS THROUGH PARTNERSHIP DOCUMENTATION](#)PDF: [ENRICHMENT PROGRAMS THROUGH PARTNERSHIP DOCUMENTATION](#)PDF: [ENRICHMENT PROGRAMS THROUGH PARTNERSHIP DOCUMENTATION](#)WORD: [ENRICHMENT PROGRAMS THROUGH PARTNERSHIP DOCUMENTATION](#)

Waste Reduction & Recycling

Recycling Non-Mandated Materials

10 Points

School

Program Summary: In 2009, the students of Millbridge began the “Litter Free Lunch Challenge” was a way to promote school spirit and environmentalism. The students began by weighing their trash and then discussing the impact of that weight on the Earth. The program ran from October through April. The goal was to reduce the amount of waste each class generated over the 6 month period. Students brainstormed ways to reduce the amount thrown away with reusable containers and thermoses. However, since thermoses are heavy for young children, they decided to implement a cafeteria recycling programs through an organization called Terracycle (<https://www.terracycle.com/en-US/>) . This company founded by a Princeton graduate in 2001, is located in Trenton, NJ. Using the lessons from the “Litter Free Lunch Challenge”, this allowed Millbridge’s Green Team to identify the type of waste that they thought was most abundant. The kids were introduced to the idea of zero waste, and thought juice pouches could be collected and repurposed easily. Collectively, the students, teachers, cafeteria workers and administrators began taking these metallic juice pouches out of the waste stream. The Millbridge family became a part of Terracycle’s Drink Pouch Brigade, <http://www.terracycle.com/en-US/brigades/drink-pouch-brigade-r.html>. Terracycle to this day ships these containers to their facility in North Jersey. These wasted juice pouches are turned into new recycled products. Participation in the program has also benefited the school in another way. Through the materials that Terracycle collects, the materials turn into points, which ultimately turns into dollars for our school. In fact, our school has earned \$464.50 so far. In addition, to make the Millbridge family aware of the ongoing program, they decided to include an art project to the creation of Millie the Millbridge Bear. This program continues on each year as a main initiative of the Green Team. This coming year, they want to expand their Teracycle container bins to include more materials.

PDF: [RECYCLING NON-MANDATED MATERIALS DOCUMENTATION](#)

PDF: [RECYCLING NON-MANDATED MATERIALS DOCUMENTATION](#)

WORD: [RECYCLING NON-MANDATED MATERIALS DOCUMENTATION](#)

PDF: [RECYCLING NON-MANDATED MATERIALS DOCUMENTATION](#)

PDF: [RECYCLING NON-MANDATED MATERIALS DOCUMENTATION](#)