



Sustainable Maryland Community Certification Report

This is the Sustainable Maryland Certification Report of Chesapeake Beach (Calvert), a Sustainable Maryland certified applicant.

Chesapeake Beach (Calvert) was certified on October 10, 2017 with 210 points. Listed below is information regarding Chesapeake Beach (Calvert)'s Sustainable Maryland efforts and materials associated with the applicant's certified actions.

Contact Information

The designated Sustainable Maryland contact for Chesapeake Beach (Calvert) is:

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Sustainability Actions Implemented

Each approved action and supporting documentation for which Chesapeake Beach (Calvert) was approved for in 2017 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.

Community Action

Innovative Demonstration Projects

5 Points

Program Summary:

The Bayfront Park Committee led a series of Nature Walks led by Dr. Ken Rasmussen, Professor of Geology at Northern Virginia Community College and town resident, a group of 15 residents, visitors and students provided an eager group of participants on a two-hour walking tour along the Bayfront Park shoreline where he discussed the geological origins, coastal geology, and dynamic forces that formed the cliffs 10-20 million years ago and continues to shape them to this day. The municipality directly promotes the walks by advertising throughout the Town newsletters and eblasts. In addition the Town provides discount tickets through Calvert Marine Museum so that those who want to take advantage of the educational opportunities can do so. Calvert Marine Museum, as the Towns partner, also advertises the events. The Town provides staff to support the event; this includes interaction with the Bayfront Park Manager as well as our Community Development Director. In addition, the Town funds the costs for advertising and "in-kind" tickets for access to the Beach.

 [Bay Front Park Nature Walk Series](#)

 [Nature Walk Series](#)

 [Nature walk series](#)

Participation in MD Green Schools

15 Points

Program Summary:

All schools in Calvert County are Maryland Green Schools, including Beach Elementary in Chesapeake Beach. Because Chesapeake Beach is right on the water, the environment and human impact is important to address - especially for a younger crowd. Chesapeake Beach has worked alongside Beach Elementary school in various programs, especially those concerning CBOCS, or Chesapeake Beach Oyster Cultivation Society. With these programs, the school children at Beach Elementary are able to see how oysters affect the water quality

of the bay, other organisms in the bay's ecosystem, and the locals that live on the water. The school children do so by going on site and actually dealing with oysters. The Town has confirmed that, 4,000 children have gone through this program thus far. Chesapeake Beach, in working with Calvert County, CBOCS, and Beach Elementary school, has successfully gained the title of a MD Green School. In addition the Town works with Windy Hill Elementary, the Towns local Middle School, and Northern High School, the Towns local High School. Beach Elementary ROBOTICS club has worked closely with presented ways the Town can reduce and reuse presenting their recycling ROBOT to the Town during a Town Council meeting.

 [Participation in MD Green Schools Documentation](#)

 [MD Green Schools](#)

Green Team

Complete a Green Team Action Plan

10 Points

Mandatory

Program Summary:

The Green team of Chesapeake Beach met several time to develop a Mission Statement, Vision Statement and numerous goals for their first 3 years. The Chesapeake Beach Green team performed a Community Survey in 2012. It was primarily distributed through the students at Beach Elementary School to their parents. Approximately 90 surveys were returned. These surveys were analyzed and the responses ranked in order of the optional answers selected in high to low order. Several requests are already in motion to be executed in the near future. Numerous dealt with matters that could be immediately assigned to the appropriate staff or contractors for action. The newly engaged Green Team consists of 70 % new members and approximately 30% of the first formed Green Team. The team will start off their action plan with engaging volunteers to work on some of the high demand volunteer activities such as CBOCS. These programs are challenged more and more in attracting volunteers. In addition, the Green Team will focus on engaging local businesses as well in hopes that they will introduce their own green efforts in their businesses. The attached action plan is labeled as a Draft, because the team expects things to evolve and change as they start in year 1 of the plan.

 [Green Team Action Plan 2017-2020](#)

 [Analysis of Survey Results](#)

 [Complete a Green Team Action Plan Documentation](#)

Create Green Team

10 Points Mandatory

Program Summary:

On October 20, 2011, the Mayor and Town Council passed Resolution R-11-1, and created Chesapeake Beach's first Green Team. The Mayor, Town Council and Administration initiated the formation of a Green Team. Members of the Green Team included the Town Administrator, Town Council, volunteer members and representatives from community and school organizations. The Green Team reflects the overall demographics of Chesapeake Beach representing a cross section of the community. The original Green Team members infiltrated committees of Chesapeake Beach and then reformed the group with an expanded focus. The newly reformed Green Team will work closely with Town programs such as CBOCS. Our Green team focused on the results of the initial Green Team and provided information to the team regarding surveys conducted that documented what residents want most in terms of Green efforts.

-  Resolution R-11-1 - Creation of Green Team
-  Green Team Meeting Minutes
-  Green Team Agenda
-  Green Team July 27 meeting minutes

Local Food Consumption

Promote Local Farmers Market

5 Points

Program Summary:

The Town partners with the Town of North Beach in their Farmers Market event every Friday of the summer. The Town of Chesapeake Beach promotes the Farmers Market at Town events and on the Town website. In addition the Town participates in the Farmers Market with tables offering resources for things such as Opioid Abuse Awareness. The Town also promotes safety at the event with our Neighborhood watch group handing out magnets and information on how to reach the NON-EMERGENCY number for the local police department.

-  Promote Local Farmers Market Documentation
-  Promote Local Farmers Market Documentation
-  Promote Local Farmers Market Documentation
-  Promote Local Farmers Market Documentation
-  Farmers Market Promotion / Narrative

Energy

Municipal Energy Audits

20 Points Priority

Program Summary:

The Town of Chesapeake Beach leveraged a small grant from EmPOWER in 2010 to have 3 evaluations performed on Municipal Facilities: Town Hall, The Chesapeake Beach Water Park and the Chesapeake Beach Waste Water Treatment Plant. Each study evaluated the energy usage of the office facilities and lead to a replacement of all lighting with LED lighting, sensor operated switches to turn off lights in times of no use and recycling of the replaced equipment. 3 Separate documents were organized by Pro-Tech Energy Solutions, from Branchburg, New Jersey, summarizing the energy usage of the 3 buildings. The Town Hall study is presented for consideration. In response to the energy audits that were conducted in 2014, the Town has installed new LED lighting on all Town owned lighting poles throughout Town. This includes residential streets, state streets and public areas such as the Chesapeake Beach Water Park. The Town applied and received a energy credit with BGE for the lighting installed at the Chesapeake Beach Water Park, reducing the funds expended by the Town by 50%. In 2017, the Town upgraded over 200 lights to LED and energy efficient fixtures. In addition, the Town has connected BGE with local HOA's in order to promote upgrades to HOA owned lighting fixtures. In response to the lighting upgrades from the previous audit; the Town has focused on external lighting as we have been able to obtain rebates from BGE. These areas included the Town Hall parking lot, treatment plant lots and external lighting and the water park external safety lighting. We have been working closely with BGE and they expect the cost of the internal lighting fixtures to be attainable within the next year. At that point, we plan to make the conversion. The fact that the Town has upgraded over 200 lights to LED since the last certification process is a major step for the Town in which we expect to reduce wattage used and expenditures significantly.

-  [Town Hall energy audit](#)
-  [Water Park Energy Audits Documentation](#)
-  [BGE Lighting Upgrades 4](#)
-  [Treatment Plant Energy Audits Documentation](#)

Health & Wellness

Let's Move 15 Points

Program Summary:

As part of a "Lets Move" program for the Town; elected officials, staff and community members participated in a Dragon Boat festival that not only allowed for exercise, but also

promoted End Hunger in Calvert County with 98% of the \$2000 raised by the Town going towards feeding hungry in Calvert County via its food pantry located in Huntingtown MD. Participants included; the Vice President of Council - Valerie Beaudin as the "drummer" and Captain, Councilman Jaworski as a paddler, Councilman Pardiek as a paddler, Holly Wahl, Town Administrator as a paddler, Residents from 4 different neighborhoods in Town, staff from the Town Water Park, Water Park General Manager, Marilyn VanWagner.

 [Let's Move Documentation](#)

 [Let's Move Documentation](#)

 [Let's Move Documentation](#)

 [Team Coorespondence](#)

 [Let's Move Documentation](#)

 [Article regarding event](#)

Workplace Wellness

Join Healthiest Maryland Businesses

5 Points

Program Summary:

The Town complete the Healthiest Maryland Businesses survey with an end resulting points of 200 out of 264 points. The Town provides many health and wellness programs to employees through a program that is fully funded by the Town, Connect3Care. We offer incentives for participating in the program with a goal of improving staffs wellness. Overall the Town is very generous to those that need flexible schedules and the Administration has a focus on Work/Life Balance and see the benefits of providing it to the staff. The Town also offers competitive teaming events such as Dragon Boat racing bringing employees, Town Council and community members together as the team competes against others in during multiple races. Not sure how to confirm that we are members. They are still in the process of posting our names on their website. See attached message from them regarding this.

 [Town of Chesapeake Beach ScoreCard](#)

 [Healthiest Business Confirmation](#)

 [Healthiest Maryland Businesses Website Screenshot](#)

Workplace Wellness Program

5 Points

Program Summary:

The Town of Chesapeake Beach offers a program to employees where all costs are covered

to help assist them with improving their health and work / life balance. This program provides a direct coach for the employees to do anything from loose weight to have a nurse attend Doctors appointments with them to navigate a challenging diagnosis. Additionally, the Town instituted a challenge for which employee ate the most vegetables and fruit. Prizes will be awarded in July after employees fill out how many fruits and vegetables they eat on a daily basis.

 [Workplace Wellness Program Documentation](#)

 [Strive for 5 Challenge Document](#)

 [Narrative from questions asked](#)

Local Economies

Innovative Demonstration Projects

10 Points

Program Summary:

1. Taste the Beaches The Town of Chesapeake Beach has created a new annual event that focuses solely on Economic Development, Taste the Beaches. The new Economic Development Committee recognized that local businesses are lacking a venue to showcase their services or products. The Town is providing the event to the community and business free of costs. The Town is providing all items that need to be contracted in order to bring businesses and guests together to increase business opportunities for the Town. In addition the Town set up a Facebook page highlighting all the vendors that will be present at the event. <https://www.facebook.com/events/236209370227150/> The Town of CB provided access to the Councilmen and women, Mayor and Administrative staff for the students of Beach Elementary. The students asked questions of elected and appointed officials to gauge the interest and importance in reducing waste in the Town. 2. Beach Bots The Town is committed to reducing waste and green house gases in the environment. In prove this commitment and foster the growth of our young residents, the Town hosted the Beach Bots robotics team at Beach Elementary. The Team of Beach BOTS did a project on how to reduce waste at school and at home. The Town Council and Mayor invited the Beach BOTS to Town Hall to present a video they created showcasing their efforts. The team also each spoke about how important reducing waste is to the Bay, to reduce Green House gas and community.

 [Innovative Demonstration Projects Documentation](#)

 [Beach Bots Presentation to Town Council, Mayor and residents](#)

 [Further Clarification, BEACH BOTS](#)

Buy Local Campaign

Establish Local Business Directory

10 Points

Program Summary:

The Town of Chesapeake Beach has long recognized the symbiotic relationship between the Town and its citizens and the Local Business Community. The Town advertises the key information of all of these businesses on its web site, on the annual Town Calendar and in a tri-fold brochure published quarterly. The Mayor and Town Council have long promoted the businesses within our small Town. Both our present Mayor - Bruce A. Wahl and most of his predecessors have long recognized the symbiotic relationship between the Town supporting the local businesses and the return of support from the businesses. Presently, the Town has 3 venues to reach out to the citizens who may support the local businesses: a Town Website; a Town Calendar and a Business Directory, all free to anyone who is interested. Bob Munro, town webmaster, is responsible for updating the businesses on the website, while Connie O'Dell, special events coordinator, is responsible for the quarterly brochure. The Town maintains its website. An integral part of that site is a categorized listing of the Towns Businesses. In 2010, Bob Munro, Town Webmaster, consulted the Bay Business Groups business directory for those businesses in Chesapeake Beach, plus he added all the independent charter boats operating out of Fishing Creek, and coordinated it with the businesses listed on the Town Calendar. Since 2001, The Town of Chesapeake Beach has published, free for its citizens and businesses, a calendar. The Town distributes one to every home in Town (approx. 5,000 people), gives many copies for distribution to each business and regularly hands them out to visitors to Town Hall. Each page has a representative photograph of local significance submitted by one of our citizens, judged by a panel of citizens and selected for its subject matter, beauty or significance. Additionally, the calendar has always contained a business directory, updated annually. The Brochure, maintained by Connie O'Dell, is a quarterly project intended to support local businesses and attract people into town. 3,000 are printed per quarter; the majority are distributed into into the town, and some are also distributed throughout the Eastern Shore. Typically they run out of supply by the end of the quarter due to high usage. Ideally, because the brochures have a comprehensive listing of the businesses in town, there will be an influx of individuals traveling into Chesapeake Beach. Attached you will find information on businesses are our printed out calendar and flyers. Many events are held where this information is distributed: -4th of July Celebration -Stars and Stripes Festival -Easter Festival -Halloween Festival -Taste the Beaches The directory is promoted through <http://www.chesapeake-beach.md.us/directorybusinesses.htm>

 [Establish Local Business Directory Documentation](#)

 [Business Directories](#)

Green Purchasing

Green Purchasing Policy

15 Points Priority

Program Summary:

Chesapeake Beach has a unique situation relative to "Green" purchasing. We operate a Water Park and Water Reclamation Treatment Plant (WRTP). Both must use very specific supplies for purification of the swimming water or the treated discharge from the treatment plant. The Water Park manager has implemented a non-chlorine means of purifying the water. The WRTP operator is currently managing to run the plant while it is experiencing an upgrade to Enhanced Nutrient Removal from Biologic Nutrient Removal. This involves many new processes and treatment techniques. He has expressed a desire to operate the plant at the peak effectiveness while being as "Green" as possible. Town Hall has been making strides in recycling, purchasing and installing energy efficient lighting, and generally seeking new materials which will work just as well while being less damaging to the environment. The Green Purchasing Policy memo has been distributed to department heads - it is intended that the memo will be put out and addressed in smaller group meetings. As a follow up to the Green Purchasing policy the Town has made great strides in incorporating green purchasing into everyday Town business. The policy is seen as a guideline; however, its effects are ingrained in Department Heads minds on a continuous basis. As an update, I have attached a recent purchase that was given priority because the benches contained sustainable material as well as it was a local company headquartered in Calvert County. Over \$150,000 was purchased with the vendor for new benches at the Veterans Memorial Park a prominent display that the Town is committed to sustainability. The material was SOLID STEEL and 98% recyclable material. The Town spent considerably more to purchase this item from this vendor, as a result of the purchasing policy again showing the Town's commitment.

Response: There are only 4 employees that purchase items for the Town. The policy is still in place and is discussed during staff meetings that take place at Town Hall. I do not have memos that have been distributed related to the policy. We do not currently have the policy posted on our website as it is an internal policy relating to those that are placing purchases.

 [Green Purchasing Policy](#)

 [Veterans Park Victor Stanley Install](#)

Implement Waste Reduction Program

10 Points

Program Summary:

In order for the Town to promote waste reduction in Town we initiated additional services

under our new 3 year agreement with our trash vendor. In this agreement for FY18-FY20, the vendor is doubling their recycling services to residents. The Town has initiated services with recycling vendors for items that are picked up via bulk trash collections. Even though the Town pays more funds annually for these services it provides that the Town is producing less trash in the environment. In addition to the increase in recycling services the Town offers educational materials on how to more effectively recycle materials and what can be recycled versus what is deemed as a trash item. The Green Team has plans to assist residents in mulching items such as trees (christmas trees) to also reduce the impact of discarding them.

 [Implement Waste Reduction Program Documentation](#)

 [Municipal Waste reduction](#)

Natural Resources

Innovative Demonstration Projects

25 Points

Program Summary:

Natural Resources - Innovative Demonstration Project 1. Chesapeake Beach Oyster Cultivation Society 2. Fishing Creek Clean up- this is managed through the Town of CB. 3. Osprey Surveillance- This is managed through the Town of CB. The Town installed the cameras and maintains the cameras including the budget to maintain the software and upgrades.

 [Innovative Demonstration Projects Documentation](#)

 [CBOCS Pollinator Gardens](#)

 [Osprey Nest Implementation](#)

 [Fishing Creek Clean Up](#)

 [FILE with updated answers](#)

 [Mosquito Repellant Gardens](#)

Pet Waste

Adopt a Pet Waste Ordinance

5 Points

Program Summary:

The Town adopted the Calvert County Pet ordinance that includes a section on pet waste. The Town General Code has, for a very long time, contained language precluding animal waste. As stated in the Town Code, if the ordinance is not followed, an individual can be

fined for upwards of \$500 dollars. Furthermore, Chesapeake Beach adopted an animal control ordinance 5-6 years ago, which is much more robust than what was seen previously. The ordinance was developed by Calvert County, and also details information about pet waste removal. The Town provides mutt mitt receptacles throughout Town and along public areas such as the board walk, trail, beaches etc. The Town also consults with HOAs on their mutt mitt receptacles. Town staff from Public Works consistently monitors the mutt mitts replacing them on a daily basis to ensure the residents have what is needed to maintain cleanliness.

 [Part of General Code - Regarding Animal Waste](#)

Develop a Pet Waste Program

5 Points

Program Summary:

Chesapeake Beach has two walking/biking trails comprising about 1.5 miles in two locations. While the public has taken to the trails with great zest, initially there was no consideration for animal waste removal. The "Mutt Mitt" program was developed to avert those issues and has been very successful. In fact, whenever these stations run empty, citizens will contact town hall to refill said stations. The document detailing the pet waste program does have an ordinance shown; the corresponding "Mutt Mitt" program has resulted in multiple stations on each trail for pet waste disposal. This program was started 3 years ago (2011) in response to citizen request, and while the waste ordinance has been in play for a long time, the waste program is detailed and found on the town code. As for the expenses of this program, town hall is responsible for these stations. The Town maintains the mutt mitts that were implemented in 2011. These locations are in all public locations. The Town hires a seasonal and year round staff to man these mutt mitt locations replacing bags as needed and cleaning the stations to ensure that they are sanitary.

 [The Mutt Mitt Program](#)

 [Extract from Chesapeake Beach Newsletter Spring 2013](#)

Water Conservation

Develop a Water Conservation Outreach Program

10 Points

Program Summary:

The Town engaged in the Wyland Foundation Water Challenge in 2017. The Town engaged residents through a campaign to conserve water. The Town sent mailers to residents, participated in prizes for those that participated and promoted the conservation effort at

multiple events, Town meetings etc. The Town also enacted the attached resolution in support of the conservation effort and to link the Town to being committed to sustainable efforts.

 [Develop a Water Conservation Outreach Program Documentation](#)

 [Executed Resolution, Wyland Foundation](#)

Watershed Stewardship

Facilitate Engagement in Existing Watershed Stewardship Opportunities

10 Points

Program Summary:

One of the many expansions of the Chesapeake Beach Oyster Cultivation Society (CBOCS) has been the growth of the education opportunities, especially for students both locally as well as around the State. The Treasures of Fishing Creek is now being supplemented with a new training aid and this year from as many as 500 to 1000 students to now over 4000 will come to the Fishing Creek Trail for a day of observations, measurements, counting surveying spat on shell and water quality monitoring. Over the last 3 years, these programs have been updated as follows: CHESPAX Field Trips – In the fall, all 5th graders in Calvert County complete an oyster life cycle and habitat requirements study program with 12 hours of classroom instruction. This course culminates in a field trip that spends most of a day at the Trail with a “hands on” experience taking measurements and identifying critical factors in the life and habitat of oysters. In 2016, over 80% (27 classes/859 students, teachers and chaperones) participated. Oysterquarium – An exhibit has been erected on the first observation deck on the Trail which features a continuously circulating tank that houses groups of oysters at various stages of development. In addition to serving a critical role in the CHESPAX program, this kiosk also has illustrative presentations with pictures and descriptions of local oyster history and life cycle examples. Treasures of the Tidal Marsh Brochure and Workbook – This is a widely used 30+ page Fishing Creek Tidal March brochure, full of pictures and descriptions of the scope, history and wildlife supported by this natural resource. It is designed as a workbook for recording data and testing knowledge based on reading and physical observations. Wetland Signs - Along the trail, a series of signs have been placed which vary in size. At different locations, they explain the wetlands ecosystem and identify the various plants, birds, flowers, trees, animals and aquatic life that are native to the area. ANSWERS: I have provided the workbook in a scanned version, it does not include all pages, but gives you an idea of what the Town prints and distributes to engage students and the community in an education of the watershed.

 [Railway Trail Brochure](#)

 Facilitate Engagement in Existing Watershed Stewardship Opportunities Documentation

 Trails Workbook

 Field Guide Book

Planning & Land Use

Participation in DHCD Sustainable Communities

20 Points

Program Summary:

The Town joined with Calvert County and North Beach in this application which was approved on 9/10/2013. Calvert County staff worked alongside Bill Watson, and Mayor Bruce Wahl specifically to accrue all the information needed for this application. Although it was approved, there were some issues concerning zoning. Part of Maryland Route 260 had to be within priority funding area - because a section of it was not within corporate town limits, the map had to be amended to include the segment of the road. The state was able to approve this motion, and ensure the application's validity. Because Chesapeake Beach worked with Calvert County and North Beach, there was some difficulty in ensuring every parties interests were met and that communication was time efficient. However, the town was able to submit the application successfully.

 Letter requesting Adjustmants to Priority Funding Areas

 Application Tabs

 Letter of Acceptance

 Participation in DHCD Sustainable Communities Documentation