

**CHECKLIST AND TABLE OF CONTENTS**

**APPLICANT:** Calvert County Board of County Commissioners

**NAME OF SUSTAINABLE COMMUNITY:** Calvert County: Unincorporated Areas: Town Centers of Dunkirk, Prince Frederick, Lusby, and Solomons. Incorporated Municipalities: Town of Chesapeake Beach and Town of North Beach

Please review the checklist of attachments and furnish all of the attachments that are applicable. Contents of the application should be tabbed and organized as follows:

- Section A - Sustainable Community Renewal Applicant Information**
- Section B – Sustainable Community Renewal Report (Projects, Strategies and Partners)**
- Section C – Sustainable Community Renewal Action Plan Update (Matrix)**
- Section D – Sustainable Communities Workgroup Roster**
- Section E – Signature Letter (acknowledging Disclosure Authorization and Certification)**
- Section F – CD-ROM:** The CD-ROM should include the following contents:
  - If requesting a boundary modification, map in pdf format of the proposed Sustainable Community
  - **GIS shapefiles of the modified Sustainable Community boundary (if requesting a modification) and other GIS related data**
  - Pictures (jpeg format) of your accomplished projects of the last five years (as indicated in Section B)
  - Digital copy of completed Sustainable Communities Renewal Application

**I. SUSTAINABLE COMMUNITY RENEWAL APPLICANT INFORMATION**

**Name of Sustainable Community:**

Calvert County

**Name of Renewal Applicant:**

County Commissioners of Calvert County

**Applicant's Federal Identification Number:** 52-6002810

**Applicant's Street Address:** 175 Main Street

**City:** Prince Frederick

**County:** Calvert

**State:** MD

**Zip Code:** 20678

**Phone Number:** 410-535-1600

**Fax Number:** 410-414-3082

**Web Address:**

www.calvertcountymd.gov

**Sustainable Community Renewal Application Local Contact:**

**Name:** Jenny Plummer-Welker, AICP

**Title:** Long Range Planner

**Address:** 175 Main Street

**City:** Prince Frederick

**State:** MD

**Zip Code:** 20678

**Phone Number:** 410-535-1600

**Fax Number:** 410-414-3082

**E-mail Address:** Jenny.Plummer-

Welker@calvertcountymd.gov

**Other Sustainable Community Contacts:**

**Name:** Holly Wahl

**Title:** Town Manager, Town of Chesapeake Beach

**Address:** P.O. Box 400

**City:** Chesapeake Beach

**State:** MD

**Zip Code:** 20732

**Phone Number:** 410-257-2230

**Fax Number:**

**E-mail Address:** hwahl@

chesapeakebeachmd.gov

**Name:** Veronica Owens

**Title:** Circuit Rider Planner, Town of North Beach

**Address:** P.O. Box 99

**City:** North Beach

**State:** MD

**Zip Code:** 20714

**Phone Number:** 410-257-9618

**Fax Number:** 301-855-0113

**E-mail Address:** butterflycohomes

@gmail.com

**I. SUSTAINABLE COMMUNITY – General Information**

**A. Sustainable Community Boundary and Description**

(1) Are you requesting any changes to your Sustainable Community boundary? Describe why or why not?

No. We would like to continue to focus on these areas for the next five years.

(2) Include the following in as an attachment (if requesting a modification to your current boundary):

- a. PDF or JPEG of modified Sustainable Communities boundary map,
- b. GIS shapefiles of modified Sustainable Community boundary (mapped to the parcel boundary),

(3) Approximate number of acres of entire SC Area: 4,366

(4) Existing federal, state or local designations:

Main Street Maple Street

National Register Historic District Local Historic District Arts & Entertainment District

State Enterprise Zone Special Taxing District BRAC State Designated TOD

Other(s): Southern Maryland Heritage Area, Target Investment Zone: Town of Chesapeake Beach, Town of North Beach, and Solomons Town Center, Federal Opportunity Zone: Portion of Lusby Town Center, United States Department of Agriculture Rural Development Designation

(5) Describe the SC Area’s current demographic trends (with respect to age, race, household size, household income, educational attainment, number of housing units, or other relevant factors). How have demographics changed in the last five years?

Data from the U.S. Census Bureau’s American Community Survey for the years 2013 and 2017 are shown in the tables below. It is important to note that the geographic area of the U.S. Census Bureau’s Census Designated Places for Dunkirk, Lusby, and Prince Frederick and the municipality of Chesapeake Beach is larger than their respective Sustainable Community designated area.

CDP = Census Designated Place

Source: U.S. Census Bureau

American Community Survey Demographic and Housing Estimates

2009-2013 American Community Survey 5-Year Estimates

2013-2017 American Community Survey 5-Year Estimates

Sustainable Communities Renewal Application - Section A

**Population**

Population	Total		Race - White, One Race		Race - Black, One Race	
	2013	2017	2013	2017	2013	2017
Chesapeake Beach Town	5,764	5,930	89.7%	83.9%	5.2%	8.0%
North Beach Town	2,128	2,596	82.0%	86.2%	7.6%	7.5%
Dunkirk CDP	2,527	2,490	81.7%	90.6%	8.4%	5.1%
Lusby CDP	1,857	1,809	76.1%	88.7%	19.7%	9.0%
Prince Frederick CDP	2,901	3,065	61.8%	58.4%	33.7%	26.2%
Solomons CDP	1,852	2,168	96.6%	93.5%	2.5%	2.0%

Source: U.S. Census Bureau

**Average Age**

Population	Age	
	2013	2017
Chesapeake Beach Town	33.4	34.5
North Beach Town	39.5	36
Dunkirk CDP	43.8	45.4
Lusby CDP	34.5	34.5
Prince Frederick CDP	34	38.3
Solomons CDP	65.8	67.4

Source: U.S. Census Bureau

Sustainable Communities Renewal Application - Section A

**Occupied Housing Units**

Occupied housing units	Chesapeake Beach		North Beach		Dunkirk CDP		Lusby CDP		Prince Frederick CDP		Solomons CDP	
	2013	2017	2013	2017	2013	2017	2013	2017	2013	2017	2013	2017
Household Size												
1-person household	19.4%	23.6%	36.8%	37.3%	18.1%	13.7%	32.7%	36.5%	34.5%	43.2%	60.1%	34.2%
2-person household	29.1%	26.7%	38.8%	27.9%	36.7%	43.6%	23.6%	30.4%	28.2%	20.9%	32.9%	50.0%
3-person household	20.0%	19.5%	8.9%	15.7%	17.1%	11.8%	16.9%	8.8%	18.0%	12.5%	3.5%	3.3%
4-or-more-person household	31.6%	30.2%	15.5%	19.1%	28.1%	30.9%	26.9%	24.3%	19.3%	23.4%	3.6%	12.6%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Source: U.S. Census Bureau

**Income and Benefits**

Income and Benefits	Chesapeake Beach		North Beach		Dunkirk CDP		Lusby CDP		Prince Frederick CDP		Solomons CDP	
	2013	2017	2013	2017	2013	2017	2013	2017	2013	2017	2013	2017
Total Households												
Less than \$10,000	2.2%	5.8%	6.1%	4.4%	0.9%	1.8%	5.2%	9.3%	8.0%	7.8%	8.2%	3.4%
\$10,000 to \$14,999	1.0%	3.7%	3.6%	4.7%	1.0%	0.0%	4.5%	6.5%	11.9%	6.7%	0.0%	0.0%
\$15,000 to \$24,999	1.9%	0.3%	5.1%	6.2%	6.9%	3.1%	14.5%	7.8%	15.0%	21.3%	13.7%	2.3%
\$25,000 to \$34,999	1.6%	3.1%	5.6%	7.3%	5.5%	4.4%	3.3%	3.7%	10.9%	11.8%	1.9%	4.7%
\$35,000 to \$49,999	20.3%	12.8%	12.4%	9.6%	3.8%	4.5%	5.9%	2.4%	13.5%	10.4%	12.4%	19.4%
\$50,000 to \$74,999	12.0%	11.4%	20.5%	16.0%	8.2%	11.0%	5.9%	20.7%	12.8%	12.4%	26.7%	10.8%
\$75,000 to \$99,999	14.9%	10.3%	17.5%	23.6%	17.8%	13.7%	30.6%	10.3%	9.8%	8.8%	6.1%	15.9%
\$100,000 to \$149,999	26.3%	28.9%	15.6%	16.0%	31.4%	29.7%	23.4%	19.4%	10.2%	14.2%	19.9%	21.6%
\$150,000 to \$199,999	14.5%	13.7%	6.1%	4.9%	15.3%	13.1%	4.1%	9.7%	6.4%	4.2%	5.0%	6.0%
\$200,000 or more	5.3%	10.0%	7.5%	7.1%	9.1%	18.9%	2.5%	10.3%	1.5%	2.4%	6.2%	15.9%
Total	100.0%	100.0%	100.0%	99.8%	99.9%	100.2%	99.9%	100.1%	100.0%	100.0%	100.1%	100.0%
Median household income	\$92,695	\$102,679	\$67,875	\$78,145	\$111,652	\$126,875	\$89,792	\$74,808	\$38,914	\$40,761	\$62,955	\$86,181
Mean household income	\$107,204	\$113,880	\$85,733	\$94,574	\$111,580	\$131,225	\$83,782	\$92,021	\$57,263	\$59,299	\$81,745	\$141,692

Source: U.S. Census Bureau

Sustainable Communities Renewal Application - Section A

**Educational Attainment**

Educational Attainment	Chesapeake Beach		North Beach		Dunkirk CDP		Lusby CDP		Prince Frederick CDP		Solomons CDP	
	2013	2017	2013	2017	2013	2017	2013	2017	2013	2017	2013	2017
Population Age 25 Years and Older	0.7%	2.0%	1.3%	1.0%	1.8%	0.0%	2.4%	4.6%	4.1%	6.9%	5.7%	3.8%
Less than 9th grade	0.7%	2.0%	1.3%	1.0%	1.8%	0.0%	2.4%	4.6%	4.1%	6.9%	5.7%	3.8%
9th to 12th grade, no diploma	6.0%	3.8%	6.8%	4.5%	1.2%	3.7%	6.9%	5.2%	14.5%	9.3%	2.9%	1.8%
High school graduate (includes equivalent)	26.1%	25.9%	35.4%	29.8%	29.0%	25.6%	49.1%	20.8%	37.9%	36.3%	14.6%	19.4%
Some college, no degree	29.1%	26.9%	19.0%	28.0%	23.0%	26.1%	27.0%	26.3%	21.2%	21.1%	14.9%	22.7%
Associate's degree	7.7%	5.8%	4.6%	8.2%	7.5%	10.5%	3.7%	6.2%	3.9%	6.6%	9.6%	5.2%
Bachelor's degree	18.3%	16.8%	21.9%	14.4%	27.5%	23.0%	4.7%	15.2%	10.8%	13.2%	30.1%	22.3%
Graduate or professional degree	12.1%	18.8%	11.0%	14.3%	10.0%	11.2%	6.2%	21.6%	7.7%	6.6%	22.3%	24.8%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Source: U.S. Census Bureau

**Number of Dwelling Units**

Number of Dwelling Units	Total
Chesapeake Beach Town Sustainable Community Area	1,572
North Beach Town	1,120
Dunkirk Town Center	4
Lusby Town Center	158
Prince Frederick Sustainable Community Area	1,056
Solomons Town Center	1,487

Data Source: Maryland State Department of Taxation, December 1, 2018

Calculated by Geographic Information Systems Team, Technology Services Department, Calvert County Government

**B. Organizational Structure, Experience and Public Input:**

- (1) Describe any changes to the Applicant’s organizational structure. Specifically, how has membership of the Sustainable Communities Workgroup changed in the last five years? Who are/were the leaders, and how will/did the Workgroup advisor or staff manage implementation of the SC Area Plan?

The Sustainable Communities Workgroup described in the 2012 application included an internal group and an external group. The internal group included representatives from the county departments of Economic Development, Finance & Budget, General Services, Planning & Zoning, and Public Works, and municipal staff from Chesapeake Beach and North Beach. Due to restructuring of the county departments in 2017 and expansion of membership, the workgroup includes those departments plus the Department of Parks and Recreation. The co-leaders of the workgroup were the department of Planning & Zoning and Finance & Budget. The workgroup continues to be led by the Department of Planning & Zoning. The Department of Finance & Budget takes the lead for coordinating the funding of projects through the Capital Improvements Program (CIP). For Chesapeake Beach, the Town Manager, has the lead for implementing Sustainable Community projects. For North Beach, the Treasurer, has the lead for implementing Sustainable Community projects.

- (2) What have been the strengths and challenges of the capacity of the Sustainable Communities Workgroup with respect to implementation of the SC Plan?

Strengths:

- Diversity of group members
- Experience working with state grant programs
- Experience working with capital projects
- Cooperation among the county and municipal staffs
- Annual Capital Improvements Program (CIP) process

Challenges:

- Other priorities competing for staff time
- Competition with other local governments for grant funding
- Convening the external group members

- (3) How did residents and other stakeholders in the community provide input to the Sustainable Communities Action Plan update? On which existing local plans (comprehensive plans, economic development plans, sector plans, etc.) is the Sustainable Communities Action Plan based?

The Sustainable Communities Action Plan update is based upon local plans, including the county’s and municipalities’ comprehensive plans; the Calvert County Land Preservation, Parks, and Recreation Plan; the Calvert County Economic Development Strategic Plan Update, 2017-2022; and the Calvert County Comprehensive Water & Sewerage Plan. These plans have been or are in process of being updated. The updated Calvert County Land Preservation, Parks, and Recreation Plan was adopted in 2018. The updated Economic Development Strategic Plan was presented in 2017.

## Sustainable Communities Renewal Application - Section B

The Calvert County Comprehensive Plan update public input was initiated in 2016 with overview presentations and workshops. The update continued in 2017 with workshops on specific topics and the release of the first draft of the plan for public review. In 2018, the second draft of the plan was released in May. The Planning Commission held nine work sessions on the draft from May 2018 through November 2018. During this time period the public and agencies were invited to comment on the draft plan. The third draft of the plan, the Calvert County Planning Commission's Recommended Draft, December 2018, is currently out for public and agency review.

For the Calvert County Economic Development Strategic Plan Update, 2017-2022, the county hired Sage Policy Group, Inc., led by Anirban Basu. Sage Policy Group led focus groups with Calvert County stakeholders. In updating the Calvert County Land Preservation, Parks, and Recreation Plan, the county worked with GreenPlay, LLC to collect ideas, information, and perceptions of the current parks, recreation, and open space through focus group meetings, public meetings, and an online survey. Over 550 respondents provided feedback to the survey. In preparing this application for designation renewal, workgroup members made presentations to the Parks and Recreation Advisory Board, the Calvert Housing Authority, the Calvert County Planning Commission, and the North Beach Mayor and Town Council.

- (4) Would you like any technical assistance from State agencies to help expand the capacity of your SC Workgroup or implement your SC plan? Please describe with which revitalization strategies you would like assistance.

Yes, the Sustainable Communities Workgroup would like assistance in expanding the capacity of our workgroup and help in implementing our Sustainable Communities Action Plan. We would like assistance from the State agencies that provide benefits for Sustainable Communities to learn more about their programs and receive guidance when applying for funding. Sustainable Communities benefits listed on DHCD's website include the following.

### Financing Programs from the Maryland Department of Housing and Community Development

- Community Legacy Program
- Strategic Demolition Fund
- Neighborhood BusinessWorks Program
- Maryland Mortgage Program – You've Earned It! Initiative
- Operating Assistance Grants

### Financing Programs from the Maryland Department of Transportation

- Maryland Bikeways Program
- Community Safety and Enhancement Program
- Sidewalk Retrofit Program

### Financing Programs from the Maryland Department of Environment

- Water Quality Revolving Loan Fund

### Tax Credit Programs and Incentives

- Low Income Housing Tax Credit, Md. Department of Housing and Community Development

## Sustainable Communities Renewal Application - Section B

- Enhanced Local Increment Financing Authority, Maryland Economic Development Corporation/Maryland Department of Planning
- Job Creation Tax Credit, Maryland Department of Commerce

# **SUSTAINABLE COMMUNITY RENEWAL REPORT**

## **PART I: QUALITATIVE ASSESSMENT**

### **Purpose:**

The purpose of this assessment is to capture significant projects/ improvements that have been completed since the approval of your local government's Sustainable Communities designation.

In relation to the goals stated in your local government's Sustainable Community Action Plan, **please highlight at least three major accomplishments from the last five years**, including how you achieved them. When writing your narrative, consider the questions below and refer to the six elements discussed in the General Information section of this document (page iv) – Environment, Economy, Transportation, Housing, Quality of Life, and Land Use/Local Planning.

- 1) **Outcome:** Which outcomes identified in your Sustainable Community plan were you able to achieve?
- 2) **Projects:** Which projects did you implement in order to achieve the outcome? Also indicate when you started and completed these projects.
- 3) **Partners:** With whom (i.e. state agencies, local stakeholders) did you partner to complete projects?
- 4) **Impact:** What kind of measurable impact did the achieved outcome have on your community? Are there other intangible benefits?
- 5) **Pictures:** Please also include pictures that depict your accomplishments.

### **[EXAMPLE] Descriptive Narrative: Please list the most significant accomplishments that apply**

#### *Example – Accomplishment 1*

*Outcome: Improved stormwater management*

#### *Projects:*

*Project 1: Stormwater Retrofit Plan – In October 2014, the Town Council approved the Town's stormwater retrofit plan which outlines various strategies and capital budget expenditures over the next five years. Strategies include reducing the amount of impervious surface in the community and improving stormwater management. One of the plan recommendations is to pass an ordinance that assesses an environmental protection fee on municipal permits.*

*Project 2: Green Streets – The Town added green elements to approximately 600 linear feet of roadway that had been experiencing severe flooding. Specifically, bioswales were constructed and trees were planted.*

#### *Partners:*

*Chesapeake Bay Trust – provided technical assistance*

*MD DHCD – provided financial assistance in form of a Community Legacy grant (totaling \$50,000).*

*Impact: The implementation of the projects had a significant impact on the community by improving stormwater runoff. The streets with the newly constructed bioswales no longer experience flooding.*

**Descriptive Narrative: Please list the most significant accomplishments that apply.**

**Accomplishment 1: Calvert County Government**

*Outcome:* Constructed or upgraded transportation, public water, public sewerage and solid waste infrastructure that are essential for Calvert County citizens and economy.

*Projects:* The following infrastructure has been constructed or upgraded within the past five (5) years:

**Prince Frederick:**

- Realigned Armory Road and constructed new roundabout to move traffic more efficiently in the Dares Beach Road corridor of Prince Frederick
- Widened J.W. Williams roadway and roundabout and installed traffic signal at Route 231 intersection to facilitate increased traffic to the College of Southern Maryland, College Station subdivision and Barstow Elementary School.
- Improved and widening existing MD Route 231 and Prince Boulevard intersection to create dedicated turn lanes and add bike lanes in both directions. State Highway Administration installed a traffic signal.
- Constructed well and water storage tower in east Prince Frederick next to Calvert High School, adding 217,000 gallons of daily production capacity and 750,000 gallons of water storage capacity to support future growth requirements and improve fire service.
- Replaced Prince Frederick Sewer Pump Station #2
- Added Oak Tree Landing Sewer Pump Station #2
- Replaced aging force main sewer line and waterline along Solomons Island Road from Dares Beach Road to Fox Run Boulevard
- Extended force main from Prince Frederick Wastewater Pump Station #3 to the force main on Route 231

**Dunkirk:**

- Added Shoppes at Apple Greene Wastewater Treatment Plant (private system)

**Lusby:**

- Added public water service to the Appeal Landfill and Off-Site Area A
- Added Off-Site Area A sewer pump station
- Closed the Lusby Convenience Center and opened the new expanded Appeal Convenience Center

**Solomons:**

- Improved Dowell Road by enhancing safety by creating a two-way center lane from H.G. Trueman Road to Annmarie Garden and from Appeal Lane to Oyster Bay; widening lanes to accommodate bike riders using the “share the road” concept; building new sidewalks for enhanced pedestrian safety and improving drainage with new curbs, gutters and storm water management facilities.
- Installed brick sidewalk, and curb and gutter along 2,200 LF of Solomons Island Road South in Solomons to join existing sidewalk for a complete pedestrian walkway in this tourist community.
- Ice pigged the Solomons force sewer main to increase the effluent flow.
- Upgraded several sewer pump stations in Solomons
- Added grit removal and screening at Solomons Headworks

*Partners:*

Citizens of Calvert County  
Maryland Department of the Environment  
Commercial Development Community  
Dominion Energy

*Impact:* The benefits of providing public infrastructure include, but are not limited to:

- Improved, safer access for pedestrians, bicycles, cars and emergency vehicles.
- Provided improved stormwater management systems to manage proper drainage.
- Reduced air, water and land pollution.
- Protected citizen health and environment.

- Increased quality and volume of drinking water.
- Improved fire protection for the community.
- Reduced health risks associated with contaminated standing surface water.
- Conserved more natural resources because it reduces the need for raw materials.
- Reduced greenhouse gas emissions, a contributing factor to global warming.

## **Accomplishment 2: Town of Chesapeake Beach**

*Outcome: The following infrastructure has been constructed or upgraded within the past five (5) years.*

*Projects:*

- Chesapeake Beach **WRTP Water Reclamation Treatment Plant** Enhanced Nutrient Removal Upgrade
- Initiated a new WRTP lab renovation upgrading all lab equipment expanding the WRTP's ability to test "in-house".
- Completed additions to the WRTP plant operations, including; a new effluent flow meter, effluent sampler running in flow pace mode, basin valves were added to the operation.
- Efficiencies/disinfection improved with a new UV system installation.
- Allocated \$300,000 in funds in 2018 for the move of a sewer line that ran along the coast of the Bay Upgraded 3 wet wells; Fishing Creek with new clog free pumps, B and E Street with a new control panel bringing them up to date with SCADA monitoring system.
- Identified a protocol to establish when water leaking may occur at a private residence so that a repair can be made prior to waste /damage taking place.
- Updated MXUs providing radio reading for private resident use resulting in accurate billing and operational understanding of use.

*Partners:*

Environmental Protection Agency

*Impact:*

- Improved disinfection in Water Reclamation Treatment
- Decreased burden on resources with the use of effluent in all WRTP operations.
- Use of Water Reclamation Effluent in Treatment Plant operation

*Outcome: Reduced Burden on Natural Resources*

*Projects:* Route plant effluent from the purple pipe to the WRTP operation to run the press. The press is the main function of a WRTP as it removes the solids from the processing. This is a critical function of the plant that without it, a spill would take place at the plant. The current solids are being processed through reusable material such as fertilizers, compost and fuel to feed generators.

*Partners:* Calvert County, Anne Arundel County, North Beach

*Impact:*

The plant is no longer utilizing Town water for the operation of the plant. The reuse of the water provides that the plant is sustainable. The WRTP is saving approximately 50,000 gallons each time the press is run at the press. During a typical week the press is run 1-2 times a week, during heavy flows the press can run on average 3-4 times a week. We estimate that 3.465M gallons are saved yearly at the plant with the use of effluent.

**WRTP is now permitted as a NUTRADE plant.**

*Outcome: Balancing of nutrient release in the Chesapeake Bay and waterways*

*Projects:*

Due to the WRTP TMDL levels it qualified for a NUTRADE designation. This program provides for nutrient trading in the state of Maryland. The program provides incentives for reducing nutrient release.

*Partners*

Calvert County, Anne Arundel County, North Beach

*Impact:*

By the end of the calendar year, if the WRTP is lower than the permitted levels of nutrients, the WRTP can provide the overage to other plants that are in need of mitigation. This mitigation can also be applied to farmers with increased nutrients. This program allows for a balancing of nutrient total.

**Accomplishment 3: Town of North Beach**

*Outcome: Improved infrastructure.*

*Projects:*

- Improved the existing MD Route 261 with proper drainage with the Green street elements along with handicap Americans with Disabilities Act (ADA) curbs and landscaping.
- Dredged approximately 4,000 cubic yards of sand back on to the beach that washed out in the water from late winter/early spring storms.
- Approved construction of timber breakwaters to control beach erosion.
- New Crosswalks on Bay Avenue between 5<sup>th</sup> Street and 7<sup>th</sup> Street.
- Created a Living Shoreline.
- Upgrade the Bay Station Pumping station.
- Repaired on 85 feet of seawall that was damaged by erosion from wave action.

*Partners:*

State of Maryland  
Maryland Energy Administration  
National Fish and Wildlife  
Department of Natural Resources

*Impact:* The benefits of providing public infrastructure include, but are not limited to:

- Improved, safer access for pedestrians, bicycles, cars and emergency vehicles.
- Provided improved stormwater management systems to manage proper drainage.
- Reduced air, water and land pollution.
- Protected citizen health and environment.
- Increased quality and volume of drinking water.
- Improved fire protection for the community.
- Reduced health risks associated with contaminated standing surface water.
- Conserved more natural resources because it reduces the need for raw materials.
- Reduced greenhouse gas emissions, a contributing factor to global warming

**Descriptive Narrative: Please use this section to describe any major outcomes or projects from your last Sustainable Communities Action Plan that have NOT been accomplished and why.**

**Calvert County Government**

*Outcome:* Construct or upgrade transportation, public water, public sewerage and solid waste infrastructure that are essential for Calvert County citizens and economy.

*Narrative:*

**Prince Frederick:**

Loop Road – This is a multi-phase road project which will create a loop around the town center connecting businesses on either side of MD 2/4. The County has made significant progress on the entire phased project.

West Dares Beach Road Extension – The road will be extended approximately 2,500 feet by the Villages of Calvert housing development which will connect Williams Road at the College of Southern Maryland.

West Dares Beach Road Improvements – Planned improvements from MD 4 to Prince Frederick Boulevard, include widening roadway to provide four travel lanes with curb and gutter, sidewalks and safety improvements. Prince Frederick Boulevard Water Main – Create a water loop to improve system redundancy and to reduce the number of customers vulnerable to service outages.

Wilson Court Water Main – To improve the available fire flow to connect the fire rescue tank to the Calvert Towne area. This project will serve both the Town Center zone and the Residential District zone, as it provides for a looped system which facilitates maintaining capacity and pressure throughout the system, particularly in the event of a main break.

Prince Frederick WWTP #1 Plant Upgrade – Address current effluent disposal practices for the existing facility and add Enhanced Nutrient Removal (ENR) processing technology.

Prince Frederick Sewer Replacement – Sewer line replacements in the following locations: town center; pump Station #2 to WWTP #2; Dares Beach to pump station #3; and Chapline Place.

Prince Frederick Force Main Replacements / Extensions – (1) Replace aging force main sewer line along Solomons Island Road from the Calvert Health pump station #4 to Fox Run Boulevard (2) Extend a force main from Prince Frederick Wastewater Pump Station #3 to the force main on Route 231.

Prince Frederick Wastewater Pump Station Improvements – Pump station improvements at the following locations: Calvert Health and pump station #6.

**Lusby:**

Cove Point Water Capacity Expansion – To provide the water distribution main to connect the high pressure zone of Solomons Island to the Cove Point well. This project includes a waterline along Cove Point Road and tie in to our system at the Patuxent Business Park. The well will provide necessary back-up capacity in the event of an out of service event at one of our other wells.

Lusby Parallel Forcemain – Construct a parallel force main to the Solomons Headworks WWPS force main for the Lusby pumping stations.

**Solomons:**

Calvert Marine Museum Turning Lane – Create a by-pass lane at museum by removing islands, adjusting sidewalks and relocating utilities as necessary from the museum entrance to Lore Road.

Back Creek Water Loop - A water main across the Back Creek to connect the water mains along Dowell Road and Solomons Island Road is recommended for redundancy.

Solomons Headworks WWPS Improvements – Retrofit the existing equipment to design and install a new bar screen system to address influent solids removal handling; replace existing ventilation equipment in pump station #1 to ensure proper confined space entry provisions; and install a Godwin dri-prime stand-by pump for emergency operation replacement of existing in-line sewage pumps.

Solomons WWTP ENR Upgrade - Upgrade the plant, replace system components that are failing or undersized and satisfy MDE requirements for plant discharge limits; rehab disposal fields; and expand the lab, which serves the 21 water systems and five wastewater treatment plants in Calvert County. The project will comprise:

## Sustainable Communities Renewal Application - Section B

- Lab Expansion – This lab supports the 21 water systems and five wastewater treatment plants serving Calvert County, and has experienced a more than 50% increase in demand.
- Plant Upgrade – The upgrade will address increasing the plant capacity, replacing system components that are failing or undersized and satisfying MDE requirements for plant discharge limits.
- Rehab Disposal Fields – Replace 14 sand beds. A reuse option will be explored in order to reduce the load on the rapid infiltration sand filters.

Solomons Pump Station Improvements: Make improvements in three-phase project to address safety concerns, high priority systematic deficiencies, and medium priority systemic deficiencies.

### **Town of Chesapeake Beach**

*Outcome:* Installation of a Skate Park within the Kellams Field Complex

*Narrative:* During the last submission the Town included adding a skate park to the Kellams complex area for additional youth recreation. This is project that was not completed due to implementation issues that the prior Town Council encountered. One of the implementation issues was an increase in costs due to the requirement to hire staff to monitor the park and additional liability insurance coverages needed to insure the Town. In addition, the park would occupy a large portion of existing public parking which was not something that the Town was willing to decrease.

The new focus for the Town is to improve upon existing recreational facilities and increase access for seniors through a “Senior Playground” incorporated within Kellams Field. The current tot lot and the Kellams area is encountering substantial elevation changes which have resulted in issues with water infiltration in the Parks that must be mitigated to prevent further damage. The tot lot or children’s playground requires infill of material to bring the elevation to a level that is safe for reducing water that has settled at the Park on a consistent basis. In addition, native plants will be included to serve the purpose of a “buffer garden” as well as absorb the water. The concrete covered ground will be removed and sod will be placed creating a green environment for children to play that is safe and dry.

The Town has applied for funding for the “Senior Playground” with the State and has plans to incorporate a space in the Kellams complex that provides a designated area for low impact work out.

*Outcome:* Improved safe routes to school through the expansions of sidewalks and ease of crossings at Beach Elementary School. Improved connection through sidewalks from the Richfield Station subdivision along MD 260 to the Town’s center.

*Narrative:* In 2017, the Town was awarded a grant with the State Highway Administration to begin the process of the sidewalk plans through the Safe Routes to School program. The grant provides a split between the Town and the State, 20% being the Towns responsibility and 80% being the States responsibility for the 30% design phase of the sidewalks. The 30% design phase is currently underway and expected to be completed in February 2019. Once complete the Town will move into 100% design and construction drawings and finally into the Construction phase which is expected to align with the Beach Elementary School rebuild.

In 2018 the Town implemented a Walkable Communities Committee which is conducting a master plan that is currently being incorporated into the Towns Comprehensive Plan update that includes improvements to the sidewalks connecting all portions of Town to the Town’s center.

In 2018, the committee removed over 1000 linear feet of sidewalks that were broken, dangerous and not connected to any other pedestrian access. The removal of the sidewalks have provided a base for new plans for connections that highlight access to our local businesses.

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### *Outcome:* Reusable Shopping Bag Program

*Narrative:* In the last sustainable communities' submission the Town proposed the purchase of Reusable Shopping Bags. The Town did not move forward with the purchase because the cost was prohibitive, and it was a service that existing stores were already offering.

In 2018, the Town implemented a revised Green Team, which focuses solely on sustainable efforts in the Town. The Town had a Green Team previously, which proposed the Sustainable Bag purchase; however, a new volunteer leader Barbara Kete took a new direction with her Team and has created projects that are more hands on for the community. Some of these projects include Bay Wise certifications for the community whereas the community members educate the residents on how to improve their individual lots to improve the quality of the Bay.

The Green Team has also provided plans for the implementation of Buffer gardens in Town as well as through the community.

### *Outcome:* Purple Pipe installation

*Narrative:* The Purple pipe has been installed and the Town is powering the Water Reclamation Treatment plant through the use of effluent in all operations. The Town is currently waiting on a final permit to be able to power the purple pipe to irrigate the ball fields and center gardens in Town, but this is expected to be received when the County updates their Comprehensive Plan and it is adopted. Once the Counties Comprehensive Plan is updated to show that the Chesapeake Beach WRTP is a Reclamation Treatment Plant and no longer a Waste Water Treatment Plant, the Town can finalize the permit for further use of effluent.

### *Outcome:* Chesapeake beach Railway Trail

*Narrative:* The Town has drafted a plan for the expansions to the trail that were mentioned in the previous Sustainable Communities application. Through the drafting of the expansion plans, the Town realized that the topography and ownership of the property needed to make the connection near Beach Elementary School is something that the Town will need to work through. The Town is currently working with the design firm conducting the feasibility study for the construction of the new Beach Elementary School and are working to determine the best way to connect the trail and further sidewalks through the Safe Routes to School program with SHA, planned to extend along Old Bayside Rd.

## **Town of North Beach**

*Outcome:* The Town of North Beach goals and objectives were to create the Wetlands Restoration Project. Water infrastructure and streets are the priority for the Town of North Beach with having a living shoreline along the edges of the Town. We continue to work on water lines, sewage for removal of sediments as it relates to erosion from the Beach and shoreline. This is our priority and will continue to be an ongoing priority as it relates to water for our residents and proper drainage towards the protection of the Chesapeake Bay and flooding on streets.

### **Outcome #1: Creation of a Living Shoreline**

*Narrative:* Provides much needed restoration of the tidal wetlands at the northern end of the Town and offshore breakwaters and provide protection to developed portions of the Town from storms and flooding.

### **Outcome #2: Creation of the Berm**

Installed earthen dike to protect low lying residential areas from tidal flooding.

### **Outcome #3: New elevated Walkways**

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Sidewalk / Connections and Pathways – Incorporated new elevated sidewalks and pathways into existing street scape to enhance pedestrian access to business and community facilities.

Outcome #4: Created a new master plan for the Town of North Beach stormwater project plan.

Narrative: The following activities were completed to provide storm drain upgrades in area of town adjacent to tidal waters and to protect against future tidal impacts or rising sea levels. Beach Replenishment / Dredging – Restore and maintain town public beach and transient boat slips:

- Upgrade to the 5<sup>th</sup> Street Outfall for issues related to non-tidal flooding and stormwater as it relates to replacement to existing structures.
- Installed 400 feet of 15” storm drain pipe and five new inlets to correct drainage problems in the area of 8<sup>th</sup> Street and Chesapeake Avenue to 9<sup>th</sup> Street and Bay Avenue.
- Replaced two 30” Storm Drain Pipes at the Intersection of 4th Street and Dayton Avenue.

Continue the history and preservation of public spaces, pedestrian walkways and buildings

Outcome #1: Bayside History and Nature Center

Narrative: Constructed a museum and nature center on the northern end of North Beach that would be used for historical education and promote environmental stewardship of the Chesapeake Bay.

Outcome #2: Nature Trail / Extension

Narrative: Expand Overlook Park to add connecting trails to proposed Bay History and Nature Center and Pier and further expand the trail through the wetlands to eventually connect to Anne Arundel County. It also is a place for seniors, visitors and residents to enjoy the natural habitat and surrounding nature.

The Town of North Beach continues to expand the cultural arts in the community. In March of 2017, the Town hired the Market Feasibility Advisors to conduct a feasibility study towards the creation of a Performing Arts Building and Parking Garage. This study furthers the goal of art in the community with the addition of a Performance Arts building and will assist and grow tourism and small businesses. Along with the recent designation of the Twin Beaches Library and proposed hotel coming to North Beach, it will grow extended stay and create additional tourism into the area.

Outcome #1: Municipal Parking Lot – Purchased land to build a municipal parking lot adjacent to the commercial / waterfront area for visitors and residents. The parking lot has 54 spaces to utilize for residents and visitors that come to North Beach. It is also the location of the new electric charging station.

Narrative: Continue to beautify the community with streetscape, landscaping, and enhancements to the Beach.

Outcome #1: Callis Park Restoration – Enhancements included updating facilities to meet current and future needs.

Outcome #2: Street Scape Program – Improvements to flower beds, crosswalks and street lighting. Waterfront

Outcome #3: Created a Pier / Pavilion / Fishing Platform – Construction of a pavilion area with lighting and other amenities; resurface pier decking with composite material; and construct a lower level fishing platform.

## **SUSTAINABLE COMMUNITY RENEWAL REPORT**

### **PART II: COMPREHENSIVE ASSESSMENT**

#### **Purpose:**

The purpose of the comprehensive assessment is to capture indicators of accomplishments in each Sustainable Community. Indicators should reflect the five year time period since the adoption of the Sustainable Communities Action Plan. Thus, the following questions focus on the common outcomes that were identified in the various Sustainable Community Action Plans approved by the State. The assessment will be grouped in the sections of Environment, Economy, Transportation, Housing, Quality of Life, and Land Use.

#### **Please answer the following questions to the best of your knowledge.**

Check “**YES**” if applicable to your community. If you answer “**YES**” please quantify the accomplishment (i.e. Q: Has there been an increase in the number of businesses in your Main Street/commercial district? A: YES 4 new businesses have opened in the past five years). If necessary, please also provide a short description of the accomplishment.

Please check “**NO**” if the question item did not have any impact on your community. If you answer “**NO**” please briefly summarize what kept you from achieving your plan’s desired outcomes.

Check “**N/A**”, if the question item does not apply to your Sustainable Community.

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<b>ENVIRONMENT</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>	<b>If YES, specify in quantifiable units and compare values from the last five years If NO, why not? What kept you from achieving your plan's desired outcomes?</b>
1. Has there been an improvement in water quality?	Yes			<p>The following facilities have been upgraded within the past five (5) years:</p> <ul style="list-style-type: none"> <li>• Added East Prince Frederick Well and Elevated Storage Tower</li> <li>• Replaced Prince Frederick Sewer Pump Station #2</li> <li>• Added Oak Tree Landing Sewer Pump Station #2</li> <li>• Added Shoppes at Apple Greene Wastewater Treatment Plant (private system)</li> <li>• Upgrades to Solomons sewer pump stations in Solomons</li> <li>• Added Off-Site Area A sewer pump station</li> <li>• Added grit removal and screening at Solomons Headworks</li> <li>• Added public water service to the Appeal Landfill and Off-Site Area A</li> </ul> <p>Chesapeake Beach</p> <ul style="list-style-type: none"> <li>• Chesapeake Beach WRTP Enhanced Nutrient Removal Upgrade</li> <li>• Chesapeake Beach-Added automatic flushing valves to automate the flushing processes in Town, improving water quality for residents</li> </ul> <p>North Beach</p> <ul style="list-style-type: none"> <li>• North Beach-Completed repairs on 85 feet of seawall that was damaged by erosion from wave action</li> </ul>
2. Has the amount of impervious surface in your Community been reduced? (Amount in SF)	YES	NO		<p>Calvert County - working toward reducing the amount of impervious surface per the conditions of the recently issued MS4 permit.</p> <p>Chesapeake Beach - a reduction in impervious surface has been realized with requirements to increase buffers and landscaping with new development in the Town especially within the Town Center.</p> <p>North Beach - increased pervious surfaces with the addition of new sidewalks and ADA ramps.</p>
3. Have there been improvements and/ or additions to your park and/ or recreational green space?	YES			<p>Calvert County - acquired 22 acres of property in 2017 within the Prince Frederick Town Center. This property on Fairgrounds Road is slated to be the home of the Harriet E. Brown Community Center. The parcels were purchased using Maryland Program Open Space funding which designates the land for park and recreational purposes only.</p> <p>Calvert County - Solomons Town Center Park added an irrigation well to the property in 2018 to improve field conditions.</p>

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			<p>Chesapeake Beach - The Chesapeake Beach Railway trail added a potable water system to irrigate the Town funded mosquito repellent gardens.</p> <p>Chesapeake Beach - The Town acquired a property along a steep slope overlooking the Bay that will be turned into an “overlook park”.</p> <p>North Beach - developed and created the Sunrise Art and Sculpture Garden. It rotates art each year with new artists along with an awards contest.</p> <p>North Beach - further developed Callis Park with the redevelopment of a Phase One and Two of playgrounds for young people. Playground includes benches for adults, equipment for young and old youth with the addition of equipment for the disabled.</p> <p>North Beach - created a pedestrian walkway and Overlook Pier, is now a destination for weddings and small outdoor events and birdwatching. The Overlook Pier is located at the end of Dayton Avenue which gives a great view of the wetland area and provides a safe place for residents and guests to view the various species of wildlife, plants and nature. This pier also fits in to the plan to preserve the wetlands at the north end of town.</p>
<p>4. Did the Sustainable Community implement any recycling or waste reduction programs?</p>	<p>YES</p>		<ol style="list-style-type: none"> <li>1. Calvert County - Monthly residential and commercial paper shred events began in 2015. These were implemented to address identity theft security concerns for people and small businesses with personal information that would be recycled. Since 2015, we have collected and recycled over 229 tons.</li> <li>2. Calvert County - Recycling mattresses began in 2015. This was implemented to address waste reduction and recycling of bulky waste materials. Since 2015, we have collected and recycled over 309 tons.</li> <li>3. Calvert County - Recycling of oyster shells started in 2015. This was implemented in conformance with a State Law for oyster shell recycling. Since 2015, we have collected and recycled over 2 tons.</li> <li>4. Calvert County - closed the Lusby Convenience Center in 2018, when the new expanded Appeal Convenience Center in order to accept more materials for recycling. The Lusby facility was too small to accept all materials accepted at other locations, and traffic management was an ongoing issue.</li> <li>5. Chesapeake Beach - The Town increased its recycling participation by 15% by increasing its recycling frequency for residents and making adjustments to the Town provided recycling bins for resident’s ease of use.</li> </ol>

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				<p>6. North Beach – Recycling increased recycling with 300 recycling cans giving out to residents in the Town.</p>
<p>1. Do all residents have access to healthy food options (i.e. fresh food grocery stores, farmers markets etc.) within the Sustainable Community?</p>	<p>YES</p>			<p>All of the Sustainable Community areas are less than ten miles from the town center. Each town center has grocery stores where healthful food options exist, so all Sustainable Community areas have 0% of residents with “low access to a grocery store,” according to the <i>U.S. Department of Agriculture-Food Environment Atlas</i>.</p> <p>There are four (4) farmer’s markets serving our residents. Working in partnership with the Southern Maryland Agricultural Development Commission, the Calvert Soil Conservation District and other regional entities, the Calvert County Agriculture Commission and the Calvert County Department of Economic Development provides assistance in promoting products and expanding agricultural opportunities throughout the county. Seminars in agriculture-related topics are routinely scheduled to assist farmers in growing their businesses.</p> <p>Each of Calvert County’s fourteen (14) elementary schools partner with Farming 4 Hunger to introduce gardening to youth through aeroponic tower gardens with supporting curriculum on the health benefits of eating vegetables, and savings provided by home gardens. Farming 4 Hunger’s farm and greenhouse provide fruits and vegetables to the Maryland Food Bank, in addition to supporting food drops at pantries and churches in Calvert County.</p> <p>University of Maryland’s Extension Office provides nutrition education and 4H programs to Calvert County’s Title 1 schools, which include schools in two of the sustainability areas, Prince Frederick and Lusby.</p> <p>End Hunger in Calvert County distributes perishables and non-perishables to 44 partner organizations in Calvert, which include pantries, schools and mobile distribution sites in all of the sustainability areas, except for Dunkirk. They received grant funds from United Way of Calvert County to include lean meats, whole grains and fresh fruits and vegetables in their stock.</p> <p>The Town of North Beach continues its Friday concert and Farmer’s market that receives thousands of visitors each year to purchase fresh produce along with hearing live music.</p>
<p><b>OTHER:</b></p>				

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<b>ECONOMY</b>	YES	NO	N/A	<b>If YES, specify in quantifiable units and compare values from the last five years If NO, why not? What kept you from achieving your plan’s desired outcomes?</b>
1. Has there been an increase in the number of new businesses in your Main Street/ Commercial District?	YES			<p>According to the Calvert County Department of Economic Development, between 2013-2018, County wide new business growth was 16.90%. Many of these new business have located within Commercial District designed as Sustainable communities.</p> <p>Chesapeake Beach - Within the Town, along the main street entrance residential cottages zoned commercial have either converted to home-based businesses or expanded to commercial based retail businesses, <b>expanding the commercial footprint in Town.</b></p> <p>North Beach enhanced its Boardwalk with the addition of a brand-new Welcome Center and Shirt Shack that sells North Beach swag. They have also added several new businesses along the boardwalk over the years.</p>
2. Did the Municipality/ Sustainable Community area receive any designations that support local economic development?	YES			<p>In 2018, portions of the Lusby Town center were selected as a Federal Opportunity Zone.</p> <p>Chesapeake Beach - The Town of Chesapeake Beach received initial Sustainable MD Certification in 2013 and a renewed Sustainable Maryland designation in 2017. One of the qualifying factors in this designation is economic development. In 2017, the Town initiated an Economic Development committee led by Councilman Jaworski and Councilman Morris. Points were received towards the Sustainable Maryland scorecard for the Towns work to provide a Business Directory to the community highlighting local businesses as well as promoting the local Charter Captains businesses at events such as the Maryland Municipal League summer conference. Additionally, the Town created an annual event, “Taste the Beaches”, which partners with its Twin Beach, the Town of North Beach, as an all-day fall festival with all things related to businesses of the Twin Beaches. The “Taste the Beaches” event attracted over 2,000 guests to the municipality in 2017 and 2018.</p> <p>North Beach - With the assistance of the North Beach Environmental Committee, North Beach received the designation towards the Sustainable Maryland certification. A three-year workplan was created to further the sustainability of residents and the Town with various programs and solutions to further the carbon footprint in the County. One program was launched last year, the Healthy Living Home program in its inaugural year which received a grant in its first year. This funding helped over 10 residents that improved their energy efficiency in their homes while reducing their carbon footprint. North Beach extended the program to include all residents within the</p>

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				County to take advantage of the program and looks forward towards additional funding.
3. Has there been an increase in foot traffic in the Main Street/commercial district?	YES			<p>New retail offerings coupled with several new community events and activities have contributed in increased in foot traffic in several of the commercial districts. According to the Calvert County Department of Economic Development, countywide, tourism visitor counts are up by 23% since 2012.</p> <p>Chesapeake Beach - In 2018, the Town of Chesapeake Beach instituted a Walkable Communities Committee that focused efforts on creating a “Main Street” and “Town Center” concept to promote walkability into the “Town Center”. Recent expansions to sidewalks within the commercial district have increased foot traffic and has eased safety concerns. New sidewalks have been incorporated in 2018 for the Roland’s Shopping Center and the Rod ‘N’ Reel resort further connecting pedestrians.</p> <p>The new Fishing Creek bridge provides <b>additional</b> access under the bridge with additional walkways as well as additional areas crossing the bridge, with a completion date of May 2019.</p> <p>With the addition of the North Beach Welcome Center and Shirt Shack along the Boardwalk, tourists, visitors and residents come to visit the Center to learn about upcoming activities in the Town of North Beach. Every Friday, the Farmer’s Market continue to assist the small businesses with visitors and live music as an attraction to the area.</p>
4. Have the number of commercial vacancies decreased?	YES			<p>Countywide - the commercial vacancy rate has decreased over the last five years and is currently around 3% on average. We attribute this to the Department of Economic Development’s strong business development and retention focus.</p> <p>Chesapeake Beach-The total number of commercial vacancies have decreased within the Town of Chesapeake Beach with new commercial locations being created that were not in existence previously.</p> <p>The Town of North Beach saw a decrease of vacancies of retail space.</p>
5. Has there been an increase in local jobs within the Sustainable Community for its residents?	YES			<p>Over the last five years, many new businesses have opened with the six sustainable communities which have resulted in the creation of over 500+ new local job opportunities.</p> <p>Chesapeake Beach-Over the last five years, jobs have increased within the Town of Chesapeake Beach with several multi-year large projects taking place such as the Fishing Creek Bridge renovation project as well as through expansions at the Rod n</p>

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				<p>Reel resort within the 2018 year. The Chesapeake Beach Waterpark employs close to 200 employees yearly with 99% of those employees being Calvert County residents.</p> <p>The Town of North Beach added staff to undertake increased marketing with a Marketing Director, seek funding with a new Development Specialist and Park Ranger to oversee Callis Park, Sunrise Sculpture Garden and Overlook Park. Adding more staff has increased traffic to social media which contributes to increased traffic and visitors to the area. We have also added innovative approaches to funding along with oversight of protection towards the parks and recreation spaces.</p>
<b>OTHER:</b>				

<b>TRANSPORTATION</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>	<b>If YES, specify in quantifiable units and compare values from the last five years If NO, why not? What kept you from achieving your plan's desired outcomes?</b>
1. Has the amount of bike trails/paths increased? How many linear feet do the trails cover?		NO		<p>There is nothing new in the County parks within the designated Sustainable Community areas. There is a walking trail within King Memorial Park in Prince Frederick.</p> <p>There is a designated bike lane on Dowell Road, which is currently 4,744 linear feet long.</p> <p>Chesapeake Beach-The Town hosts the Chesapeake Beach Railway Trail, which spans 2.3 miles. The Town has expansion plans underway, in coordination with the County, for the Railway Trail to take the trail to the County line and provide additional access to the local public Elementary School, Beach Elementary School.</p>
2. Have there been improvements to the public transit infrastructure?	YES			<p>In 2014, a new Dunkirk route was implemented from Prince Frederick to Dunkirk, adding 170 route mile and the Dunkirk Park &amp; Ride commuter lot opened, doubling the available commuter parking for county residents.</p> <p>Southern Maryland's launched its first tri-county public transit connection with the addition of a bus route from Prince Frederick to Charlotte Hall, a transfer hub for St. Mary's and Charles Counties in January 2018. This expansion added 223 route miles.</p> <p>The Town of North Beach added the first electric charging station that makes it accessible for all vehicular vehicles to charge along the way.</p>

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<p>3. Has there been an increase in sidewalks? (Amount in linear feet)</p>	<p>YES</p>		<p>The Calvert County Department of Public Works strives to provide its citizens with sidewalks and walkways that are safe, are in serviceable condition, promote an alternative means of transportation within the town centers, and provide a friendly walkable community.</p> <p>Calvert County has constructed about 4,750 LF +/- of sidewalk along Dowell Road in Solomons and about 2,180 LF +/- along Solomons Island Road in Solomons. There has been at least 10,000 LF +/- of sidewalk construct by private and commercial developers. Church Street Prince Frederick New Brick Sidewalk.</p> <p>Chesapeake Beach-Under the direction of the Town of Chesapeake Beach’s Walkable Communities Committee, new sidewalks were created to connect the Roland’s Shopping Center to the Resort, Spa, Rod n Reel Restaurant, Conference Center and the local community Chesapeake Station, adding over 500 linear feet of new sidewalk in a commercial area. Upon completion of the Fishing Creek bridge in 2019, these connections will bring pedestrians back into the Town Center adding further highlights to existing commercial districts.</p> <p>Chesapeake Beach-The Town has repaired 215 linear feet of sidewalk that was cracked and/or damaged in the North side of Town, in 2018.</p> <p>North Beach added new sidewalks along 7<sup>th</sup> street to 5<sup>th</sup> street on Dayton Avenue. Impervious surfaces were added along with new crosswalks along Chesapeake Avenue Green Street.</p>
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<p>4. Have there been any roadway improvements that support “Complete” or “Green” streets?</p>	<p>YES</p>			<p>Sidewalks and roadways were improved on Main Street in the Prince Frederick Town Center.                  Installed brick sidewalk, and curb and gutter along 2,200 LF of Solomons Island Road South in Solomons to join existing sidewalk for a complete pedestrian walkway in this tourist community.                  Improved Dowell Road by enhancing safety by creating a two-way center lane from H.G. Trueman Road to Annmarie Garden and from Appeal Lane to Oyster Bay; widening lanes to accommodate bike riders using the “share the road” concept; building new sidewalks for enhanced pedestrian safety and improving drainage with new curbs, gutters and storm water management facilities.                  Sidewalk improvements along Appeal Lane to connect Southern Community Center to MD765 and from H.G. Trueman (at 7-11) to Lore Road.</p> <p>Chesapeake Beach- Under the direction of the Town of Chesapeake Beach’s Walkable Communities Committee, installed curb and gutter of 300 linear feet were installed connecting pedestrians to shopping, recreation, housing and the “Town Center”.</p> <p>North Beach added a Green Street along Chesapeake Avenue along with new landscaping and impervious pavement to guide stormwater along the street.</p>
<p>5. Has traffic congestion along major roads decreased? (Amount in percent)</p>		<p>NO</p>		<p>No, there has not been any notable decrease in traffic congestion along major roads.</p> <p>Chesapeake Beach-The Fishing Creek bridge re-build will provide for a decrease in congestion at the light on Mears Ave from 49 seconds to 6 seconds. This renovation will provide turn lanes that ease the crossing at a major intersection in Town.</p>
<p><b>OTHER:</b></p>				
<p><b>HOUSING</b></p>	<p>YES</p>	<p>NO</p>	<p>N/A</p>	<p><b>If YES, specify in quantifiable units and compare values from the last five years                  If NO, why not? What kept you from achieving your plan’s desired outcomes?</b></p>
<p>1. Have any residential facades been improved?</p>			<p>N/A</p>	<p>This was not part of our previous application.</p>

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<p>2. Has the home ownership rate increased?</p>	<p>YES</p>		<p>Countywide, in the past 5 years, there have been an additional 490 owner occupied units, a .1% increase.                  25,783 owner occupied units/ 81.9% owner occupied  <i>American Community Survey 5 Year Estimates, Selected Housing Characteristics, 2012 - 2016</i>                  25,293 owner occupied units/ 81.8% owner occupied  <i>American Community Survey 5 Year Estimates, Selected Housing Characteristics, 2008 – 2012</i>                  Here are the homeownership rate breakouts by Sustainability Area census tract or place:                  Dowell – Decrease 74.8 to 72%                  Solomons CDP – Decrease 35.8 to 34.8%                  Lusby CDP – Decrease 59.3 to 56%                  Town of Chesapeake Beach – Increase 59.3 to 74.7%                  Town of North Beach – Decrease 66 to 63.6%                  Prince Frederick CDP – Decrease 45.7 to 45.6%                  Dunkirk –Increase 87.5 to 89%  <i>American Community Survey 5 Year Estimates, Homeownership Rate, 2008-12 &amp; 2012-16 for census tracts, and 2011-15 and 2012-16 for CDP's.</i>                  The census tracts of Chesapeake Beach and Dunkirk saw significant increases in homeownership rates, while the other towns saw minor declines.</p>
<p>3. Has there been an increase in the number of housing units in the Sustainable Community area? What number and/or percent are affordable?</p>	<p>YES</p>		<p>The increases have been in the following zip code or census tracts of sustainability areas from 2008-12 to 2012-16 American Community Survey statistics.                  Dowell – 229 to 279                  Solomons CDP – 1417 to 1484                  Lusby CDP – 766 to 747, however additional 67 affordable senior units opened in June 2018 not reflected in data yet, so increased to 814.                  Town of Chesapeake Beach – 2176 to 2278                  Town of North Beach – 1102 to 1131                  Prince Frederick CDP – 1073 to 1262                   Only one area saw a decrease in housing units: Dunkirk CDP – 886 to 868</p>
<p>4. Has there been demolition of blighted properties?</p>	<p>YES</p>		<p>Of the 132 demolitions performed countywide in the past 5 years, 35 were in sustainable community areas. There were various reasons for the demolitions, including but not limited to blight.                  Chesapeake Beach-In 2017, the Town of Chesapeake Beach had one demolition of a blighted property and there were various other rebuilds of homes for various reasons including but not limited to blight.</p>

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5. Has the residential vacancy rate decreased?	YES			<p>While the number of vacant housing units has increased, the homeowner vacancy rate has stayed the same, and the rental vacancy rate has decreased by 0.1%.          3,134 Vacant Housing Units with 1.4 Homeowner Vacancy Rate/ 3.9% Rental Vacancy Rate  <i>American Community Survey 5 Year Estimates, Selected Housing Characteristics, 2012-2016</i>          2,877 Vacant Housing Units with 1.4 Homeowner Vacancy Rate/ 4 % Rental Vacancy Rate  <i>American Community Survey 5 Year Estimates, Selected Housing Characteristics, 2008-2012</i></p>
<b>OTHER:</b>				
<b>QUALITY OF LIFE</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>	<p><b>If YES, specify in quantifiable units and compare values from the last five years          If NO, why not? What kept you from achieving your plan's desired outcomes?</b></p>
1. Has there been a decrease in crime rate?	YES			<p>In 2013, Calvert County documented 1,742 violent and property crimes (crimes). This has continually decreased, making Calvert County one of the safest counties in Maryland. In 2014 the County documented 1,665 crimes; 2015 – 1,490; 2016 – 1,324; 2017 – 1,056. This accounts for a decrease of 39.3%.</p> <p>The Twin Beaches instituted a Neighborhood Crime Watch program where information can be shared between the Twin Beach Deputies, Residents and HOA's. A neighborhood portal was also created to share information by area to decrease the incidence of crimes.</p>
2. Have there been improvements and/ or additions to your public spaces (i.e. museums, community centers, public plazas)?	YES			<p>In 2013/2014, the Calvert Marine Museum had the boardwalk as well as the main exhibit building roof replaced. In 2014/2015, Southern Community Center / Senior Center had the outdoor seating area enclosed to create a climate controlled sunroom for dining and activity space in 2014/2015 as well as the following improvements: LED exterior lighting (2013); Upgrade two A/C units (2014); Remodel of library to office space and meeting room (2014); Sealcoating of driveway (2015).</p> <p>Northeast Community Center has seen the following improvements: replacement of trek deck upstairs decking (2014); Replace VCT tile on 1st and 2nd floors (2015); New Sarnifil roof (2017); New countertop and partitions in women's and men's rooms downstairs (2018); LED lighting upgrade interior building (2018); LED exterior lighting on upper and lower decks (2018).</p> <p>Calvert Pines Senior Center has seen the following improvements: LED exterior lighting (2013); Gutters and grading in front and rear (2018); New flooring in auditorium (2018); Rubber tile flooring in hallways (2015); Awnings in front with rails (2014); Interior painting (2013); Acoustic sound proofing in auditorium (2014); VCT tile in dining room (2018).</p>

Sustainable Communities Renewal Application - Section B

			<p>Several projects for improvements and additions are currently in the planning phase and can be found noted in the County’s Capital Improvement Plan.</p> <p>Chesapeake Beach - LED lighting upgrades have taken place throughout the Chesapeake Beach Waterpark.</p> <p>The Town upgraded over 200 lighting fixtures along the street scape to LED in the 2017 calendar year <b>decreasing costs by 20%</b>.</p> <p>North Beach created a Welcome Center and Shirt Shack along with sponsored benches from residents along the boardwalk. The town installed LED lighting along the new Pier that contributes to a decrease in lighting and allows for evening special events.</p> <p>North Beach added picnic tables in Callis Park next to the new playground. These picnic Tables allow places for the Boys and Girls Club teachers and aides to watch the youth enjoy the playground in rear of their property. The recent completion of Callis Park added additional recreational equipment, swings and playground activities for the disabled. It also allows for a place for parents and visitors to enjoy the playground with all of the new equipment that was installed for all ages.</p>
<p>3. Has there been an increase in public art/ arts &amp; entertainment programs/venues (i.e. murals, movie theatre, music events)?</p>	<p>YES</p>		<p>There are a variety of arts &amp; entertainment programs offered within the Sustainable Communities designated areas. Some of these programs or special events include art classes for children and adults (all community centers), Twin Beach Players productions (North Beach Recreation Center), Friday Night Art Fair since (North Beach), Movies on the Beach since (North Beach), SUNRISE: A Celebration of the Arts since (North Beach) and a summer concert series in both North Beach and Solomons.</p> <p>Since 2013, offerings have changed in arts and entertainment based on the trends of the community, however in the Sustainable Communities designated areas, Calvert County Parks &amp; Recreation Department has increased their number of community special events involving the arts from 38 event to 62, primarily located at community centers. All offerings by Calvert County are outlined in the quarterly program guide available to the public.</p> <p>The Town of Chesapeake Beach operates the Chesapeake Beach Oyster Cultivation society which educates 1,000 public school children on the Bay and the impacts of Oyster Cultivation. In 2018, CBOCS led a mural event at the North East Community</p>

Sustainable Communities Renewal Application - Section B

				<p>Center where 300 children, teachers, residents, Councilmembers and the Mayor participated in painting sections of a large mural displaying the ecological factors of the Chesapeake Bay over 2 days. The mural moves around the Town and County being displayed as a key piece of the community.</p> <p>The Town of North Beach completed a feasibility study of a Performing Arts Center. A Performing Arts Center would create a venue for 24-hour activity along with the Casino in Chesapeake Beach and a proposed Hotel in North Beach. It would also create a platform towards a State of Maryland designated Arts &amp; Entertainment District. This designation would complete and allow for growth in economic development activity.</p>
4. How many historic properties were renovated/improved?			N/A	
5. Are there any residential health and wellness opportunities in place (i.e. athletic facilities, recreational indoor/ outdoor courses or groups)?	YES			<p>In addition to traditional athletic field opportunities, there are a variety of health and wellness opportunities offered within the Sustainable Communities designated areas. Some of these activities have included participation in Walk Maryland Day (King Memorial Park), World’s Largest Swimming Lesson (Edward T. Hall Aquatic Center), and the nationally recognized Walk with Ease program (Northeast Community Center). All offerings by Calvert County are outlined in the quarterly program guide available to the public.</p> <p>Chesapeake Beach-The Town operates a recreational field, Kellams Field, which houses over 450 players a year.</p> <p>The Chesapeake Beach Water Park trains approximately 500 children to swim during the World’s Largest Swim Lesson. The recent completion of Callis Park added additional recreational equipment, swings and playground activities for the disabled.</p> <p>The Town of North Beach sees over 500,000 in visitors each summer coming to visit the beach and Welcome Center. The Friday Night Farmer’s Markets continues to attract healthy vendors that promote health and wellness along with providing an outdoor activity for residents, tourists and extended stay visitors.</p> <p>North Beach continues to add a variety of events that are designed for visitors, tourist and residents to enjoy and participate in various activities. Events include: Polar Bear Plunge, New Year’s Eve Fireworks, Christmas and Halloween Parade and more. The Boys and Girls Club have a yearly Run event. Comcast Cares brings over 100 employees each year to volunteer to Plant the Town. For the last three years, the Town of North</p>

Sustainable Communities Renewal Application - Section B

				Beach has held the Film Festival and various events around the Festival. Recently, Bird Watching has been on the rise at the Overlook Park.
<b>OTHER:</b>				
<b>LAND USE/ LOCAL PLANNING</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>	<b>If YES, specify in quantifiable units and compare values from the last five years If NO, why not? What kept you from achieving your plan's desired outcomes?</b>
1. Have there been any infill developments?			N/A	Chesapeake Beach-Zoning revisions encourage infill, such as Bonus density overlay district.
2. Has there been an increase in the amount of preserved/protected land?	YES			<p>Calvert County acquired 22 acres of property in 2017 within the Prince Frederick Town Center. This property on Fairgrounds Road is slated to be the home of the Harriet E. Brown Community Center. The parcels were purchased using Maryland Program Open Space funding which designates the land for park and recreational purposes only.</p> <p>Chesapeake Beach-In late 2018, the Town of Chesapeake Beach acquired a parcel of land at 7429 B Street that sits atop a steep slope overlooking the Chesapeake Bay. The lot was purchased in order to preserve the area, limit further development and to ultimately be used as a "lookout park" for the public to further expand educational opportunities.</p> <p>The Town of North Beach acquired Wetlands Overlook Park to further develop a Living Shoreline while protecting and preserve wildlife in North Beach. It has provided day events, weddings and bird watching at the Park.</p>
3. Have there been any developments hindered by growth constraints?	YES			Limited growth is achieved by several factors including Growth Tier regulations, Calvert County's Adequate Public Facilities Ordinance. The county is also limited by geography and terrain.
4. Have there been any zoning or any policy changes that have fostered growth in your Sustainable Community?	YES			Calvert County has had several Zoning ordinance amendments that have fostered growth in our Sustainable Communities. The Transfer of Development Rights (TDR) program also focuses growth in the Town Centers including Prince Frederick, Lusby, Solomons and Dunkirk.

Sustainable Communities Renewal Application - Section B

<p>5. Have there been any significant improvements to the municipal infrastructure within the Sustainable Community (i.e. street lighting, water/sewer lines)?</p>	<p>YES</p>			<p>Please see the Transportation and Environment sections.</p> <p>Chesapeake Beach-The Town of Chesapeake Beach installed a “purple pipe” effluent line from the WRTP to route potable water to power the irrigation of the Town ball fields and gardens.</p> <p>LED lighting upgrades to over 200 street lights in 2017.</p> <p>North Beach-The Department of Public Works expanded the existing structure by extending the building. Also, allowing for renewable energy with the installation of solar panels on the roof of their new building.</p> <p>North Beach: Street scape project replaced old street lights with new led lighting, added green elements along Chesapeake Avenue and raised 261 between 3<sup>rd</sup> and 7<sup>th</sup> Street to better manage and reduce flooding of the road that results in inaccessibility.</p>
<p><b>OTHER:</b></p>				

Sustainable Communities Renewal Application - Section B

<b>COMPETITIVE FUNDING:</b> Use the rows below to list competed funds sought for sustainability or revitalization projects since receiving Sustainable Communities designation.	<b>Source</b> (federal, state, foundation, etc.)	<b>Amount Received</b>	<b>If no funding was received, what technical or other assistance from the state would help with future applications?</b>	<b>Other Notes</b>
<b>Community Legacy (CL):</b> <ul style="list-style-type: none"> <li>• North Beach Streetscape Plan</li> <li>• North Beach Street Lights</li> <li>• North Beach Library Phase I</li> </ul>	DHCD	\$200,000 \$50,000 \$250,000		
<b>Strategic Demolition Fund (SDF):</b>	DHCD	N/A		Funding was not requested.
<b>Community Safety &amp; Enhancement Program:</b>	MDOT			
<b>Maryland Bikeways Program:</b>	MDOT			
<b>Sidewalk Retrofit Program:</b> <ul style="list-style-type: none"> <li>• Solomons Island Road Sidewalks Construction of Approx. 2,130 LF of sidewalks</li> </ul>	MDOT Transportation Alternatives Program	\$731,440		
<b>Water Quality Revolving Loan Fund:</b> <ul style="list-style-type: none"> <li>• East Prince Frederick Well and Elevated Storage Tower</li> </ul>	MDE Drinking Water Revolving Loan and Water Quality Grant	\$2,568,000 \$750,000		

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<b>COMPETITIVE FUNDING:</b> Use the rows below to list competed funds sought for sustainability or revitalization projects since receiving Sustainable Communities designation.	<b>Source</b> (federal, state, foundation, etc.)	<b>Amount Received</b>	<b>If no funding was received, what technical or other assistance from the state would help with future applications?</b>	<b>Other Notes</b>
<ul style="list-style-type: none"> <li>• Chesapeake Wastewater Reclamation Treatment Plant Enhanced Nutrient Removal / Reconstruction</li> <li>• Chesapeake Beach Water Reclamation Treatment Plant</li> <li>• Prince Frederick Pump Station Improvements</li> </ul>	Water Quality Revolving Loan  Environmental Project Agency Energy Efficiency Grant	\$7,063,040.85  \$679,000 \$90,300		
<p><b>Other Funding Programs:</b> <i>examples are U.S. HUD Community Development Block Grants (CDBG), or grants from USDA, EPA, Appalachian Regional Commission, Chesapeake Bay Trust, Maryland Heritage Areas Association, Preservation Maryland, Safe Routes to School, Maryland Rural Development Corporation, Maryland Energy Administration, Maryland Department of Natural Resources, etc.</i></p> <p>*Please add more rows if necessary</p>				
<b>MDOT TAP (Solomons Sidewalks)</b>				
<b>Southern Pines II</b>				
<b>MPO</b>				
<b>Energy Efficiency Grants</b> Maryland Energy	Healthy Home Program	\$25,000		
<b>Property Acquisition Prince Frederick Community Center – Fairgrounds Road</b>	Maryland Department of Natural	\$500,000		

Sustainable Communities Renewal Application - Section B

<b>COMPETITIVE FUNDING:</b> Use the rows below to list competed funds sought for sustainability or revitalization projects since receiving Sustainable Communities designation.	<b>Source</b> (federal, state, foundation, etc.)	<b>Amount Received</b>	<b>If no funding was received, what technical or other assistance from the state would help with future applications?</b>	<b>Other Notes</b>
	Resources Program Open			
<b>State Library Grant Facilities Master Plan Which included the Prince Frederick Library North Beach/Chesapeake Beach, and Solomons/Lusby</b>	State Grant Libraries Resources	\$55,560		
<b>Solomons Fishing Pier</b>	DNR Grant	\$50,000		
<b>Southern Pines</b>	Federal Grant US HUD CBDG	\$250,000		
<b>Solomons Island</b>	MDNR Water Ways Improvement Fund	\$5,000		
<b>Solomons Island</b>	MDNR Coastal Resilience Planning	\$5,000		

## Sustainable Communities Renewal Application - Section B

**COMPETITIVE FUNDING:** Are there any types of projects/needs for which your Sustainable Community needs funding; however, there isn't a funding source?

### Chesapeake Beach

- 1) Feasibility studies within the Town as it relates to upgrades to infrastructure and energy improvement measures such as wind powered energy at the WRTP facility.
- 2) Planning services to incorporate plans such as the "Flood Plain Mitigation Plan" into the Towns Comprehensive Planning processes to adopt and implement changes to adhere to the recommendations.
- 3) Stormwater management analysis and planning to decrease damage to properties, improve safety on roadways and decrease the impacts of run-off into the Chesapeake Bay.
- 4) Improvement programs to improve education of residents as it relates to their individual contribution towards run -off, such as buffer gardens, "Bay Wise" designations and Barberry removal grant programs.

### North Beach

- 1) Feasibility studies to study/analysis the Stormwater effects to the Town and it affects to protection of Town.
- 2) Education programs to decrease residents' water abuse and sustainable practices and other efficiencies.
- 3) Additional resources and ways to constantly improve water conservation, sewer education, rain barrels and improve policies as it relates to sustainability and conservation of the Bay and water systems.
- 4) Creation and design of a program to market to visitors and tourists staying in the area about conservation importance to the Bay while visiting the area.
- 5) Additional methods and innovative approaches to renewable energy and ecosmart communities.
- 6) Study the benefits of a Wi-Fi community and how businesses and visitors can benefit from having free Wi-Fi in the Town.

### **III. SUSTAINABLE COMMUNITY ACTION PLAN UPDATE**

The Sustainable Community Action Plan (SC Plan or Plan) is meant to be a multi-year investment strategy – a strategic set of revitalization initiatives and projects that local partners believe will increase the economic vitality and livability of their community, increase prosperity for local households and improve the health of the surrounding environment. The Plan should be flexible enough to be updated regularly and renewed every five years as the community envisions new goals. The priority initiatives and projects identified in the action plan are your priorities for improving the livability of community places -- residential, commercial, or other public or private properties – and the sustainability of new work, retail, recreational and housing opportunities for residents. At the same time, the plan should only discuss the strategies that will impact the geographic area targeted for revitalization, so that resources have the best opportunity to have the intended effect. These projects can also be designed to reduce the environmental impact of the community through water and energy resource conservation and management strategies. In this way, the Plan can be a road map for local stakeholders as well as State agencies to work together to create a more a livable and sustainable community.

All communities submitted an SC Plan when the community earned its original designation. Some applicants may want to take advantage of the designation renewal process to outline new strategies, set new priorities or reaffirm existing strategies for their Sustainable Community. Changes to SC Plans may be due to changes in external factors affecting the community or changes in the priorities of the applicant.

Guidance for completing the Action Plan can be found on the next page.

## Action Plan Guidance

The document has been broken down into the same six categories as the Comprehensive Assessment section of this document. These parts address key components of your Sustainable Community Action Plan. Follow the guidelines below to fill out the matrix.

- 1) **For each of the different sections, pinpoint essential strengths and weaknesses of your community.**  
Example Transportation: Strength - Good sidewalk connectivity. Weakness - Insufficient amount of downtown parking.
- 2) **Based on those strengths and weaknesses, formulate specific outcomes that address the most pressing issues or greatest potentials. Include a means of measuring the success of said outcome.**  
Example Economy: Outcome – Expand broadband fiber optics in Town. Progress Measure - Linear measurement of fiber laid and number of residential and business connections.
- 3) **After defining the outcomes, list detailed strategies (break down to several action steps if needed) that will serve as the means to achieve those goals.** Example Economy: Strategy - Increase number of Town sponsored events → Develop with community input, a series of weekend events that the Town could host.
- 4) **List potential partners that can support the successful implementation of these strategies through different types of resources.** Example Economy: DHCD (Community Legacy program), Small Business Administration (Services and financial assistance) etc.

# Sustainable Community Action Plan

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Calvert County Sustainable Community

Submitted by Calvert County

2/8/2019

# Environment

(Environmental strengths and weaknesses can include but are not limited to quality of land, water, air, watersheds, tree canopy, risk of sea level rise, carbon footprint, energy conservation, access to local foods, green infrastructure, stormwater infrastructure/management, parks, trails and recreation, recycling, water and sewer capacity, etc)

<u>Strengths</u>	<u>Weaknesses</u>
<ul style="list-style-type: none"> <li>• WRTP sewer capacity of 1.5MG a day</li> <li>• Trails and recreation areas are strong with a highlight of access that many other areas do not have including (6) public boat ramps.</li> <li>• Community involvement through groups such as the Green Team and Chesapeake Beach Oyster Cultivation Society</li> <li>• Urban Forestry Program</li> </ul>	<ul style="list-style-type: none"> <li>• Sea level rise impacting the closure of a main road, Rt. 261, which would cut off access to the local Fire Department.</li> <li>• Stormwater runoff exposure into the Chesapeake Bay</li> <li>• Energy conservation measures could be improved to include measures at the WRTP, a high energy user and the Water Park.</li> <li>• Lack of education and interaction with residents regarding energy savings</li> <li>• Exposure to risks of damage to resources through stormwater runoff</li> <li>• Areas of improvement to address the further protection of natural resources</li> </ul>

<u>Desired Outcomes and Progress Measures</u>	<u>Strategies and Action Items</u>	<u>Implementation Partners</u>
<p>Based on the strengths and weaknesses identify the strengths on which you would like to build and the challenges you would like to address.            What outcomes are you trying to achieve?            Where/ in what area do you want those changes to happen? →</p> <p>Progress Measure: Identify how you will know that you have achieved your outcome.</p>	<p>Identify strategies that will help your community to achieve each identified outcome to the left. If applicable, break down each strategy into specific action items that outline different steps of the strategy.            Specify how you are planning to achieve the desired outcomes. →</p>	<p>Which community stakeholders need to be involved to realize each action step and strategy?            Name specific public and/or private sector partners.</p>
<p>Outcome 1: Explore the management of stormwater waste BMP and other hard to manage waste.</p> <p>Progress Measures: Better water quality, decreased pollution and illegal discharge, and protection of public water supplies.</p>	<p>Strategy A: Characterize the type of potential locations with stormwater structures within the County for the cleanout activities (such as parking lots at various public and commercial office building; office complexes and shopping centers; industrial process facilities that handle recyclables, organics, wastes, asphalt, concrete, and other materials; and other high-traffic roadways and facilities).</p>	<p>Department of Public Works            Maryland Department of the Environment (MDE)            Environmental Protection Agency (EPA)            Citizens of Calvert County            Calvert County Board of County Commissioners (BOCC)</p>

<p>Chesapeake Beach Outcome 1: Raise the height of Rt. 261 so that it will not cause connection issues for residents of the Twin Beaches to access emergency services.</p> <p>Outcome 2: Reduce impacts of run off into the Chesapeake Bay.</p> <p>Outcome 3: Reduce the Towns carbon footprint.</p> <p>Outcome 4: Expand the Towns urban forestry program.</p> <p>Outcome 5: Protect Randall Cliffs natural heritage area from development.</p>	<p>Strategy B: Characterize the type of potential stormwater structures within the County for the cleanout activities (such as pipes, culverts, inlets, outlets, forebays, stormceptors, aqua-filters, etc.).</p> <p>Strategy C: Characterize the type of potential contributing sources or pollutants that may be found within the stormwater structures that need to be managed within the County for the cleanout activities (such as sediments, leaves and other organics, fragmented stone, trash, oils, and other liquid materials).</p> <p>Strategy D: Identify potential measures to collect and maintain data as well as processes to collect, store, pretreat/treat liquids and solids, and disposal of waste materials.</p> <p>Chesapeake Beach Strategy A: Partner with State Highway and provide input to the importance of the lack of access to this vital area due to sea level rise.</p> <p>Strategy B: Make an assessment of all areas that have the highest impact through run off into the Bay. Determine how best to mitigate materials running off into the Bay at these locations.</p> <p>Strategy C: Make an assessment of high energy use within the Town assets and prioritize ways to decrease energy consumption while maintaining operations.</p> <p>Strategy D: Make an assessment of ways to expand energy reduction for the community members.</p> <p>Strategy E: Expand the current program aimed at substantially increasing the number of trees in the developed portion of the floodplain and preserving standing wooded areas throughout Chesapeake Beach, particularly those in wooded areas that can connect to other natural areas to form environmental corridors.</p> <p>Strategy F: Establish provisions in the Zoning Code through the comprehensive plan update to protect Randall Cliffs. Randall Cliffs is undeveloped and protected by Resource Conservation zone adopted by the Town as recommended by the Towns comprehensive plan; however, very low density housing development is still currently possible.</p> <p>Strategy G: Install a parking lot solar array within public parking areas that offers charging stations for electric vehicles. Install combination of solar panels and small wind turbine along with batter storage to power light posts.</p>	<p>Chesapeake Beach State Highway Administration Critical Area Commission MEA Clean Energy Program</p>
<p>Outcome 2: Upgrade the Prince Frederick Wastewater Treatment Plant #1 to Enhanced Nutrient Removal (ENR) capabilities while increasing treatment capacity and meeting more stringent discharge limit requirements.</p>	<p>Strategy A: Upgrade for biological nutrient removal (BNR) and/or enhanced nutrient removal (ENR).</p> <p>Strategy B: Improve the efficiency of the existing treatment train.</p>	<p>Department of Public Works Maryland Department of the Environment (MDE) Environmental Protection Agency (EPA)</p>

<p>Progress Measures: Lower TDMLs, specifically phosphorus and nitrogen discharge.</p>	<p>Strategy C: Implement beneficial reuse of the treated effluent.</p> <p>Strategy D: Expand the facility to 1.099 MGD.</p>	<p>Public Sewer customers of Calvert County Calvert County Board of County Commissioners (BOCC)</p>
<p>Outcome 3: North Beach will continue to seek funding to explore policies, procedures, new techniques, practices along with implement environmental strategies that seek to protect the sea level rising.</p> <p>Outcome: Reduce the number of houses that have heavy flooding by acquiring them.</p> <p>Outcome: Residents are more sustainable driven with education practices to implement.</p> <p>Outcome: Sewer systems are cleaner.</p> <p>Outcome: Emergency vehicles have roadways that are passable in hazardous weather.</p> <p>Outcome: Pedestrian and vehicular walkways and roads are clearer in hazardous weather.</p> <p>Outcome: Visitors understand the protection of the Bay and adhere to sustainable practices while visiting.</p>	<p>Strategy A: North Beach will upgrade its water meters, sewer pump stations, add additional stormwater station at 7<sup>th</sup> Street and make improvements to the 9<sup>th</sup> street stormwater station, and 5<sup>th</sup> street outfall and pumping station. Develop a “Community Stormwater Solutions” guide and plan.</p> <p>Host education and community clean up events, pollution prevention.</p> <p>Green infrastructure municipal and residential elements and implementation.</p> <p>Add additional stormwater mechanism such as canals and rills, filter strip and ditches.</p> <p>Work with State and County to ramp up efforts to protect people and the economy as we face one of the fastest rates of relative sea level rise.</p> <p>Strategy B: Educate residents on the water conservation practices and sustainable uses assist and not destroy the Bay. Protecting the Bay while understanding that climate change to the area and its erosion to the shoreline.</p> <p>Strategy C: Address streets that flood with elevated walkways, streets or safe crossings for emergency vehicles, safe passage for pedestrians, bicyclists and vehicular traffic. Adding elevated walkway along 261 (Bay Avenue) between 8<sup>th</sup> and 13<sup>th</sup> Streets.</p> <p>Strategy D: Creation of a Welcome Package to educate residents, visitors, and Tourists on sustainable practices to use towards recycling, trash and proper disposal of items that harm the sewer systems and pooper scoop program to help educate visitors and residents.</p> <p>Strategy E: Creation of a series of programs to educate the youth in sustainable practices towards recycling, trash and proper disposal and how it can harm our water and clog our drains.</p> <p>Strategy F: Continue to seek innovative solutions towards renewable energy solutions.</p> <p>Strategy G: Continue to add Green Streets throughout the Town that will reduce the amount of impervious surface with more permeable surfaces that will filter and manage stormwater while protecting the Bay.</p> <p>Strategy H: Continue to work along with Calvert County and all of the partnering towns to seek alternative and sustainable methods in exploring sewer education, water conservation, recyclable programs and practices and policies to protect the Bay.</p>	<p>North Beach Department of Public Works North Beach Staff State of Maryland Calvert County Government Chesapeake Beach</p>

	<p>Strategy I: Create an Eco-Smart Collaborative or workgroup to explore a wi-fit and eco-smart county. Develop a smart community plan and computer app to better educate the residents.</p> <p>Strategy J: Create a Tourism Workgroup to explore ways to expand the reach of visitors to the area. Explore ways to allow canoe, kayaking or large ships to come into the Bay or go to destinations. Add a park ranger to develop educational programs for community, visitors and elementary through high school programs.</p> <p>Strategy K: Continue shoreline protection programs and beach maintenance.</p> <p>Strategy L: Acquire land that may need to be purchased to mitigate flooding activity and preserve living shoreline and open space.</p> <p>Strategy M: Continue beautification efforts for business areas and residential facades.</p> <p>Strategy N: Construct a multilevel parking garage with the central business area to all access to the business and the beach area and will complement the new hotel.</p> <p>Strategy O: Develop a code/parking enforcement software app for residents and visitors.</p> <p>Strategy P: New housing program to replace homes that have been abandoned.</p>	
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## Economy

(Economic strengths and weaknesses can include but are not limited to regional accessibility, business attraction/retention, health of the business district and commercial vacancies, workforce/employment and economic drivers, local policies/regulations, marketing, tourism, cultural and historic assets)

<u>Strengths</u>	<u>Weaknesses</u>
<ul style="list-style-type: none"> <li>◆ Significant and growing tax revenue contributions generated by local utilities.</li> <li>◆ High median household incomes. (\$98,732)</li> <li>◆ Low unemployment and poverty. Unemployment averaged between 3.2 and 3.4 in 2018.</li> <li>◆ Substantial educational attainment among residents. (93.8% High School or Higher, 30.1% Bachelor’s Degree or higher)</li> <li>◆ Solid public school system performance.</li> <li>◆ Broadly shared appreciation for existing rural quality of life.</li> <li>◆ Significant base of agricultural activities. (agri-tourism sites, farm wineries, pick your own operations)</li> <li>◆ Expanding tourism sector. (5.3% growth rate in visitors between 2016 and 2017)</li> <li>◆ Strong Business Development &amp; Retention program.</li> </ul>	<ul style="list-style-type: none"> <li>● Lengthy commutes for residents.</li> <li>● Dearth of housing opportunities for younger households, including rental opportunities.</li> <li>● Some underdeveloped town centers relative to stakeholder desires.</li> <li>● Prince Frederick and Solomon town centers are limited in terms of growth capacity.</li> <li>● Abundance of lower-paid positions within the county.</li> <li>● Rapidly aging population due to a confluence of forces, including relatively slow in-migration by younger households.</li> <li>● Lack of sufficient water and sewer infrastructure in certain otherwise developable areas. (Example – Dunkirk Town Center as noted in Calvert County Economic development Strategic Plan 2017 – 2022)</li> </ul>

<ul style="list-style-type: none"> <li>◆ Significant existing leisure and hospitality industry. (National Chain Hotels, unique waterfront towns, high number of marinas with direct access to the Chesapeake Bay for transient boaters)</li> <li>◆ Unique cultural and historical assets including Annmarie Sculpture Garden &amp; Arts Center, Calvert Marine Museum and Jefferson Patterson Park and Museum.</li> <li>◆ Chesapeake Beach-Improvement of driving guests to the Town with the introduction of the Veterans Park summer concert series showcasing military bands.</li> <li>◆ Chesapeake Beach/North Beach- new event annual event highlighting local businesses “Taste the Beaches” bringing over 2,000 guests to the Towns.</li> <li>◆ Chesapeake Beach-increased services to local businesses through coordination with the Calvert County Department of Economic Development.</li> </ul>	<ul style="list-style-type: none"> <li>● Regulatory changes/ challenges at the state level impacting development. (Example: new Stormwater Management regulations)</li> <li>● Local citizens who support no-growth.</li> <li>● Lack of activities for young professionals.</li> <li>● Chesapeake Beach-Areas of improvement available through partnerships within the Twin Beaches.</li> </ul> <p>Note: The strengths and weaknesses came out of the Calvert County Economic Development Strategic Plan Update, 2017-2022.</p>
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Desired Outcomes and Progress Measures →	Strategies and Action Items →	Implementation Partners
<p>Outcome 1: Enhanced economic competitiveness through improved marketing of unique events and activities.</p> <p>Progress Measures: Annual number of events and activities hosted; increased revenues from events; increased tourism visitor count, increased number of farmer participating in farmers market and grant awards.</p> <p>Chesapeake Beach</p> <p>Outcome 1: Provide more support to local businesses</p>	<p>Strategy A: Promote opportunities for events and use available spaces to host outdoor activities and entertainment</p> <p>Strategy B: Fill commercial vacancies through current and expanded business development efforts and assist in business retention</p> <p>Strategy C: Support a buy-local campaign.</p> <p>Strategy D: Work with local business community to explore opportunities to integrate arts and entertainment in town centers</p> <p>Strategy E: Explore opportunities to expand existing Farmer’s Markets in town centers</p> <p>Strategy F: Use parking lots to host events.</p> <p>Strategy G: Encourage existing businesses to expand hours in town centers when special events are taking place in an effort to capture additional customers / revenue.</p>	<p>Department of Economic Development, Southern Maryland Heritage Area Consortium, SMADAC, Calvert County Farmer’s Market Association, Calvert County Chamber of Commerce, Solomons Business Association, Towns of North Beach and Chesapeake Beach, Property / Business Owners.</p>

	<p>Strategy H: Explore creating new public outdoor areas to connect businesses with environmental assets.</p> <p>Strategy I (Chesapeake Beach): Partner with Twin Beach on outreach for the Twin Beach’s businesses to explore ways to further highlight business partnerships (i.e.: partnering offerings for customers between businesses).</p> <p>Strategy J (Chesapeake Beach): Provide improved mapping of the Towns Commercial zoned districts and improved resources for those interested in establishing a business with Town limits.</p>	
<p>Outcome 2: Promote business continuity planning and emergency preparedness. Business continuity planning is the process of creating systems of prevention and recovery to deal with potential threats to a company. Any event that could negatively impact operations is included in the plan.</p> <p>Progress Measures: Number of workshops held on the topic, number of plans completed</p>	<p>Strategy A: Provide education and assistance to prepare business continuity and emergency response plans.</p> <p>Strategy B: Encourage businesses to purchase and update appropriate business insurance.</p> <p>Strategy C: Impress on businesses the importance of strategic business planning in case of a natural or man-made disaster planning.</p>	<p>Department of Economic Development, Calvert County Chamber of Commerce, Department of Emergency Management, Property / Business Owners.</p>
<p>Outcome 3: The Town of North Beach will continue to contribute, invest, educate the art Community and small businesses</p>	<p>Strategy A: Continue beautification along Beach to make the area attractive for visitors, residents and tourists through the rotation of the Art and Sculpture at Sunrise Garden.</p> <p>Strategy B: Continue to search for areas or buildings or partner with building owners that could be used for sites of a small business incubator that would grow businesses.</p> <p>Strategy C: Design, develop and fund a Building Façade program that would assist small businesses with an exterior and interior building façade program. This program would enhance the exterior or interior of a business.</p> <p>Strategy D: Fund a Main Street Coordinator that would assist small businesses with a series of workshops on the Four Point Main Street Approach: economic vitality, local organization, design, promotion and sustainability.</p> <p>Strategy E: Create and Develop a program towards sustainability for businesses that encourage smart sustainable practices for their businesses.</p>	<p>Town of North Beach Mayor and Council  Town of North Beach Staff  Town of North Beach Economic Development Committee  Town of North Beach Environmental Commission  State of Maryland</p>

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## Transportation

(Transportation strengths and weaknesses can include access to transit corridors, pedestrian safety and accessibility/sidewalks, alternative modes of transportation, such as bikeways and trails, public transit, such as bus and rail, carpooling, proximity to transportation centers, parking, road conditions)

Strengths	Weaknesses
<ul style="list-style-type: none"> <li>Both outcomes will provide safer roadways to travel on.</li> <li>West Dares Beach road improvements will help enhance the performance of the intersections by allowing more commuters through per each phase on the traffic light.</li> </ul>	<p>The challenges faced during the construction period with traffic patterns and control.</p> <ul style="list-style-type: none"> <li>Chesapeake Beach-Limited transportation connections between the Twin Beaches</li> <li>Chesapeake Beach- Opportunities for signage improvement between the Twin Beaches to direct tourists</li> </ul>

Desired Outcomes and Progress Measures →	Strategies and Action Items →	Implementation Partners
<p>Outcome 1: Improve the geometry on Little Cove Point Road for approximately 0.25 miles to provide a safer roadway for the citizens to travel.</p> <p>Progress Measures: There will be milestone set for this project both during the design phase and the construction phase.</p>	<p>Strategy A: DPW will work with a design consultant to prepare the design plans.</p> <p>Strategy B: DPW will work with the Department of Communication and Media Relations to notify the public when construction is planned to start and changes in traffic patterns.</p>	<p>State Highway Administration            Calvert County Department of Public Works            Citizens of Calvert County            Calvert County Board of County Commissioners</p>

<p>Outcome 2: Widening West Dares Beach Road to provide four (4) lanes with curb and gutter, sidewalk and safety improvements from MD 2/4 to Prince Frederick Boulevard.</p>	<p>Strategy A: DPW will work with a design consultant to prepare the design plans.</p> <p>Strategy B: DPW will work with the Department of Communication and Media Relations to notify the public when construction is planned to start and changes in traffic patterns.</p>	<p>State Highway Administration Calvert County Calvert County</p>
<p>Chesapeake Beach: Outcome 1: Improve the streetscape of MD 261 through the center of Town to improve pedestrian traffic.</p> <p>Outcome 2: Create a “Wayfinding” program</p> <p>Outcome 3: Re-develop the trolley system</p> <p>Outcome 4: Expand the railway trail</p> <p>Outcome 5: Elevate Highway 261 with an elevated walkway</p> <p>Progress Measures: There will be milestone set for this project both during the design phase and the construction phase.</p>	<p>Chesapeake Beach</p> <p>Strategy A: Utilize the formalized plans for the Walkable Community Committee to improve the entrance of Town adding to the attractiveness of a main street, improving upon the Economic factors within Town.</p> <p>Strategy B: Develop a signing program that directs pedestrians and motorists to civic and recreational uses in Town.</p> <p>Strategy C: Re-develop a trolley for expanded connection between the Twin Beaches further fostering economic development</p> <p>Strategy D: Expand the railway trail to the County line</p> <p>Strategy F: Elevating the walking and street will allow vehicular and pedestrians along safely when rain or water falls heavily and floods the walkway and paths for vehicular traffic.</p>	<p>State Highway Administration Town of North Beach Town of Chesapeake Beach Calvert County</p>
<p>North Beach</p> <p>Outcome: Continue to seek alternative methods to encourage walking, riding bikes, and people moving systems that will bring people to the area and provide exercise to residents and visitors.</p>	<p>North Beach</p> <p>Strategy A: Continue to seek additional ways to for boats through water ways transportation methods with use of kayaks, boats or large ships or ferry systems to allow for passenger travel</p> <p>Strategy B: Develop walking trails around the town that encourages walking activity</p> <p>Strategy C: Encourage and develop a bicycle paths that expand existing paths to Anne Arundel County and expand to Chesapeake Beach</p> <p>Strategy D: Elevate the walkway to allow for access during flooding</p>	<p>Town of North Beach Anne Arundel County Chesapeake Beach DPW of North Beach Mayor and Council of North Beach Calvert County</p>

	<p>Strategy E: Design, Develop or explore people moving systems such as different modes of transportation such as buses, rental bikes, rental scooters, mini-bus, trolleys, tour buses and more.</p> <p>Strategy F: Investigate and explore activities that have large ships to carry passengers for day or overnight visits</p>	
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## Housing

(Housing strengths and weaknesses can include affordability, homeownership vs rental, housing stock diversity, housing condition and value, housing programs, foreclosures, residential vacancies, property values, home sale values)

Strengths	Weaknesses
<ul style="list-style-type: none"> <li>• Increased senior housing in Lusby town center to meet anticipated growth of senior population in Calvert County</li> <li>• Anticipated increase in apartment units in Prince Frederick over the next five years will contribute to density, which will help drive down cost</li> <li>• Steady decline in the foreclosure rate in the past five years</li> <li>• Increase in project based rental housing vouchers for special populations</li> <li>• Encourages homeownership through House Keys 4 Employees program</li> <li>• Increased livability improvements and reduction in energy costs for homeowners made possible through new grants and partnerships</li> <li>• Chesapeake Beach-High ownership increase rate from 59.3% to 74.7%</li> <li>• Residential vacancies are low</li> </ul>	<ul style="list-style-type: none"> <li>• Shortage of affordable workforce housing units</li> <li>• Very high income levels for some of the population (coupled with homeownership rates) limit potential state and federal program investments</li> <li>• Nearly 50% of renters in Calvert County spend more than 30% on housing costs</li> <li>• Shortage of crisis, short and long term housing options for individuals with behavioral health issues or chronic homelessness</li> <li>• Homeowners on fixed incomes (disabled/seniors) in aging homes have difficulty funding major repairs/upgrades to septic, well, or appliances</li> <li>• Improvements needed in housing conditions</li> <li>• Foreclosures are decreasing, but still present</li> </ul>

Desired Outcomes and Progress Measures →	Strategies and Action Items →	Implementation Partners
<p>Outcome 1: Increase capacity to assist need-based homeowners with major home improvements</p> <p>North Beach - Create affordable Housing</p>	<p>Strategy A: Apply for grants to increase pool of funding available to support livability improvements and energy reduction</p> <p>Chesapeake Beach - Implementation of a Housing code defining the standards by which to monitor</p> <p>North Beach - Develop a strategy for creating a Live where your Work program that assists vacant homes to be transformed to affordable</p>	<p>Town of North Beach</p> <p>Maryland Energy Administration</p> <p>Calvert Affordable Housing Alliance</p> <p>Calvert County Housing Authority</p>

<p>Chesapeake Beach - Improve housing livability</p> <p>Progress Measures:</p> <p># of homeowners receiving financial assistance # of activities completed</p>	<p>homes for the “Live where you work program”. This program could be spearheaded by the Town of North Beach or a CDC would be developed to assist with a full fundraising effort to further affordable housing in the Town. This program will create affordable or workforce housing that will benefit town employees, fireman, police officers, and teachers as a first choice in selling the home to a family that can afford to live in the community.</p> <p>Strategy B: Strengthen partnerships and promote resources to ensure public is aware of funding opportunities. Chesapeake Beach - Further defining a Rental code to be applied to ensure that those renting properties are following a set of guidelines to improve safety, cleanliness and overall standards.</p>	<p>Christmas in April of Calvert County Calvert Family Advocates Planning and Zoning Administrator /Commission Foundation Community State of Maryland</p>
<p>Outcome 2: Decrease percentage of residents paying more than 30% on housing costs</p> <p>Progress Measures:</p> <p># of new affordable housing units # of matching grants to new owners # of businesses participating in matching program % of homeowners paying more than 30% on housing</p>	<p>Strategy A: Develop workforce housing opportunities for police, teachers, public safety personnel, etc.</p> <p>Strategy B: Expand employee incentive programs to match additional Maryland Mortgage program grants for new homeowners.</p>	<p>Calvert County Housing Authority Calvert County Government Calvert County Chamber of Commerce Southern Maryland Realtors</p>

# Quality of Life

(Strengths and weaknesses can include crime, socio-economic demographics, educational opportunities, museums, libraries, historic and cultural assets, civic amenities, faith-based organizations, economic health of households, sense of place, etc)

Strengths	Weaknesses
<ul style="list-style-type: none"> <li>• Calvert County, Chesapeake Beach, and North Beach have long had strong ties to the Chesapeake Bay and its tributaries, enjoying associated maritime and waterfront traditions and - in many cases - livelihoods. There are substantial lengths of shoreline within the Sustainable Communities designated areas, including public parks and fishing piers available to the public.</li> <li>• Rich historic infrastructure and character.</li> <li>• Nationally leading educational system.</li> <li>• Minimal crime.</li> <li>• Diverse, highly educated, and relatively affluent community.</li> <li>• Solomons is home to the Calvert Marine Museum.</li> <li>• Solomons is home to Annmarie Garden.</li> <li>• Chesapeake Beach is home to the Chesapeake Railway Museum.</li> <li>• Large civic involvement from business associations and Fire/Rescue Squads.</li> <li>• Large quantity of places of worship.</li> <li>• Vibrant community centers located in the Prince Frederick Town Center (Harriet E. Brown Community Center), the Lusby Town Center (Southern Community Center), Chesapeake Beach (Northeast Community Center, and North Beach (North Beach Recreation Center). All operated by Calvert County's Department of Parks &amp; Recreation.</li> <li>• The County's only state of the art indoor aquatic facility is located in the Prince Frederick Town Center (Edward T. Hall Aquatic Center).</li> <li>• Senior Centers are located in the Prince Frederick Town Center, Lusby Town Center and North Beach.</li> <li>• Calvert Library is located in Prince Frederick with satellite locations in Solomons, Chesapeake Beach and near the Dunkirk Town Center in Owings.</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of public water access.</li> <li>• Lack of trail connections.</li> <li>• Rural nature of the areas create infrastructure difficulties such as lack of water/sewer, connectivity.</li> <li>• Lack of public art.</li> <li>• Opioid problems are prevalent.</li> <li>• Chesapeake Beach-Lack of outdoor exercise spaces for seniors.</li> <li>• Defined substance abuse facilities within the Twin Beaches area.</li> </ul>

<ul style="list-style-type: none"> <li>• Chesapeake Beach- Twin Beaches Opioid Abuse Awareness Coalition leading the effort to facilitate naloxone training, remove prescription drugs from homes and conducting outreach.</li> <li>• North Beach continues to assist with its rich history with the North Beach Museum</li> <li>• Calvert County recently designated North as the new location of the Library</li> </ul>	
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<b>Desired Outcomes and Progress Measures</b> 	<b>Strategies and Action Items</b> 	<b>Implementation Partners</b>
<p>Outcome 1: Enhance Existing Services and Facilities</p> <p>Progress Measures: customer service survey results, number of events permitted, field usage numbers, recreation programming matrix, capital project and capital outlay budgets, ADA accessibility plan.</p>	<p>Strategy A: Establish and utilize customer satisfaction surveys for all facilities and programs with annual analysis of results.</p> <p>Strategy B: Develop a special events program to address permitting special events within Calvert County.</p> <p>Strategy C: Develop plan for consistency and efficacy of park informational and wayfinding signage.</p> <p>Strategy D: Increase the quality, playability, and safety of the playing surfaces throughout the parks through better drainage, irrigation, specialized equipment and properly trained staff.</p> <p>Strategy E: Provide more opportunities for modern day sports enthusiasts such as Pickleball, futsal, e-sports, cycling, and more.</p> <p>Strategy F: Explore opportunities for more year around activities and amenities.</p> <p>Strategy G: Develop and implement plan to install outdoor lighting structures at more fields to increase playability.</p> <p>Strategy H: Assess accessibility for participants of all ability levels to program opportunities and develop plan for accommodation. Long Term</p>	<p>Community, Maryland DNR, Parks &amp; Recreation Advisory Board</p>

	<p>Strategy I: Complete the renovations at Solomons Boat Ramp for improved ADA boating and kayak access.</p>	
<p>Outcome 2: Develop Engaged Citizenry</p> <p>Progress Measures: marketing and outreach plan, new website, social media analytics, number of public meetings, volunteer hours, recreation programming matrix.</p>	<p>Strategy A: Develop a comprehensive marketing and branding plan to guide the efforts of the Parks &amp; Recreation Department.</p> <p>Strategy B: Develop outreach to educate the public on benefits of Parks &amp; Recreation.</p> <p>Strategy C: Be involved in countywide website redesign. Long Term</p> <p>Strategy D: Increase and enhance quality of social media presence and among specific designated special facilities.</p> <p>Strategy E: Further develop and expand marketing efforts to expand reach throughout Calvert County and regionally to better inform the public.</p> <p>Strategy F: Provide more opportunities for the public to interact with staff.</p> <p>Strategy G: Utilize an integrated service delivery model that creates and sustains a base of users that drive program attendance and improve staffing.</p> <p>Strategy H: Improve the volunteer experience within the department by defining roles, skills needed/required, evaluation, and recognition and ensure that volunteers are seen as authentic representatives of the Parks &amp; Recreation Department.</p> <p>Strategy I: Complete park master plan development for properties known as the “Watson Property” to include a full service community center in the Prince Frederick Town Center.</p>	<p>Community, Parks &amp; Recreation Advisory Board</p>

	<p>Strategy J: Chesapeake Beach- creation of a Senior focused low impact work out space outdoors, a concept known as a “Senior Playground” this playground would connect to the railway trail providing a stopping place for those walking along the trail and drive residents to the “Town Center”.</p> <p>Strategy K: Improvements to the Kellams field tot lot to include reduction of drainage issues with the removal of the mulch bed, increase grading to reduce water retention, add sidewalks, greenery and shade.</p>	
<p>Outcome 3: Develop Engaged Citizenry</p> <p>Progress Measures: marketing and outreach plan, new website, social media analytics, number of public meetings, volunteer hours, recreation programming matrix.</p>	<p>Strategy A: Develop a comprehensive marketing and branding plan to guide the efforts of the Parks &amp; Recreation Department.</p> <p>Strategy B: Develop outreach to educate the public on benefits of Parks &amp; Recreation.</p> <p>Strategy C: Be involved in countywide website redesign. Long Term</p> <p>Strategy D: Increase and enhance quality of social media presence and among specific designated special facilities.</p> <p>Strategy E: Further develop and expand marketing efforts to expand reach throughout Calvert County and regionally to better inform the public.</p> <p>Strategy F: Provide more opportunities for the public to interact with staff.</p> <p>Strategy G: Utilize an integrated service delivery model that creates and sustains a base of users that drive program attendance and improve staffing.</p> <p>Strategy H: Improve the volunteer experience within the department by defining roles, skills needed/required, evaluation, and recognition and ensure that volunteers are seen as authentic representatives of the Parks &amp; Recreation Department.</p>	<p>Community, Parks &amp; Recreation Advisory Board</p>

<p>OUTCOME 4: Improved Opioid Services throughout the county.</p>	<p>Strategy A: Further the outreach for the services obtained through the Calvert County Health Department at the Chesapeake Beach location.</p> <p>Strategy B: Further the outreach for the services obtained by Calvert Health at its North Beach location to address the opioid epidemic.</p>	<p>Calvert County Health Department Calvert Health</p>
<p>OUTCOME 5: Explore an Art and Entertainment District.</p> <p>Progress Measures: Boasting high visitors to the Casino and the Beach. Tax Advantages to businesses.</p>	<p>Strategy A: The Town of North Beach has talked with a potential developer interested in creating a hotel/conference center. Adding this component will further the goals of the two towns towards a destination to include 24-hour activity and further those goals with an Arts and Entertainment District.</p>	<p>Town of North Beach Private Developer State of Maryland Calvert County</p>
<p>Outcome 6: Explore, Design and Build a New Parking Garage.</p> <p>Progress Measures: Increased visitors, increased small business activity,</p>	<p>Strategy A: The Town of North Beach would add a new parking garage to increase parking in the central business area and provide additional visitor parking for the beach and future hotel and library.</p>	<p>Town of North Beach Mayor and City County Calvert County State of Maryland</p>
<p>Outcome 7: Explore and Apply for the Main Street Designation.</p> <p>Progress Measures: Tax advantages and five point approached system for businesses.</p>	<p>Strategy A: Explore applying for the Main Street designation.</p>	<p>Town of North Beach State of Maryland</p>

# Local Planning and Land Use

(Strengths and weaknesses in the local planning and land use subject area include but are not limited to zoning, land use, policies, taxes and fees, historical patterns of development, lot sizes and shapes, etc)

Strengths	Weaknesses
<ul style="list-style-type: none"> <li>• Rural Landscapes</li> <li>• Land Preservation Policies</li> <li>• Geography (Water Access)</li> <li>• Proximity to DC Metro Area</li> <li>• Chesapeake Beach-Preserved historic railway bed</li> </ul>	<ul style="list-style-type: none"> <li>• Historic Growth Patterns</li> <li>• Transportation (Geographic Restraints)</li> <li>• Transferable Development Rights (TDR) Policy</li> <li>• Insufficient Development Fee Structure</li> <li>• Chesapeake Beach-implementation of standards maintain consistency among buildings</li> </ul>

Desired Outcomes and Progress Measures →	Strategies and Action Items →	Implementation Partners
<p>Calvert County Outcome 1: Preserve Rural Character.</p> <p>Progress Measures: Number of acres preserved.</p> <p>Chesapeake Beach Outcome 1: Housing consistency throughout Town.</p> <p>Chesapeake Beach Outcome 2: monitor growth, development.</p>	<p>Strategy A: Land Preservation Policies.</p> <p>Strategy B: Town Center Growth Strategy.</p> <p>Strategy C: Downsizing.</p> <p>Strategy D (Chesapeake Beach): Keep the architecture of buildings consistent in style, materials, size, and scale with neighboring properties. While the Town's bonus density provisions require an evaluation of compatibility under certain limited circumstances, the Town lacks standards.</p> <p>Strategy E (Chesapeake Beach): work cooperatively with police and fire agencies to ensure that current levels of service are maintained over time.</p> <p>Strategy F (Chesapeake Beach): Revised development fee structure.</p>	<p>Planning &amp; Zoning</p> <p>Public Works</p> <p>Economic Development</p> <p>Town of Chesapeake Beach</p> <p>Planning and Zoning Commission</p> <p>Fire Department</p> <p>Police Department</p>

Section D – Sustainable Communities Workgroup Roster

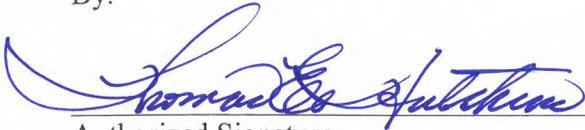
<b>Workgroup Member</b>	<b>Affiliation</b>
Holly Kamm Wahl, MBA	Town Administrator, Town of Chesapeake Beach
Joanne Hunt	Treasurer, Town of North Beach
Veronica Owens	Development Specialist, Town of North Beach
Terry Shannon	County Administrator, Calvert County Government
Wilson Parran	Deputy County Administrator, Calvert County Government
Jennifer Moreland	Director, Calvert County Department of Community Resources
Kelly Robertson-Slagle	Director, Calvert County Department of Economic Development
Wilson Freeland	Director, Calvert County Department of General Services
Timothy Hayden, CPA, CMA	Director, Calvert County Department of Finance & Budget
Veronica Atkinson	Capital Projects Analyst, Calvert County Department of Finance & Budget
Shannon Q. Nazzal, CPRE	Director, Calvert County Department of Parks & Recreation
J. Mark Willis	Director, Calvert County Department of Planning & Zoning
Britany Waddell, AICP	Deputy Director, Calvert County Department of Planning & Zoning
Jenny Plummer-Welker, AICP	Long Range Planner, Calvert County Department of Planning & Zoning
Tamara Blake-Wallace	Principal Planner, Calvert County Department of Planning & Zoning
George W. “Will” Hager	Planner II, Calvert County Department of Planning & Zoning
Danielle Conrow	Deputy Director of Engineering and Highways, Calvert County Department of Public Works
B. Julie Paluda	Deputy Director, Enterprise Fund Operations, Calvert County Department of Public Works
J.R. Cosgrove	Division Chief, Capital Improvement Projects, Calvert County Department of Public Works
Robert Wayne Raither	Division Chief, Water & Sewerage, Calvert County Department of Public Works
Erick Pate	GIS Administrator, Calvert County Department of Technology Services

## SIGNATURE LETTER

On behalf of the County Commissioners of Calvert County, I hereby approve the application for renewal of the Sustainable Communities designation for Calvert County. I understand that the Disclosure Authorization and Certification from the original Sustainable Communities application continues to apply to the applicant local government, and as such the applicant agrees that not attaching an objection constitutes consent to the information being made available to the public, and a waiver of any rights the applicant may have regarding this information under Maryland's Access to Public Records Act, State Government Article, Section 10-611 et seq. of the Annotated Code of Maryland.

I also confirm that I am named or a former holder of my current title is named as an authorized official for the Sustainable Communities designation for my local government in the Local Government Authorization submitted with the original application.

By:



Authorized Signature

Thomas Hutchins, President

Type Name and Title

2/5/19

Date

Approved for form  
and legal sufficiency



Office of County Attorney

## SIGNATURE LETTER

On behalf of the Town of Chesapeake Beach, I hereby approve the application for renewal of the Sustainable Communities designation for the Town of Chesapeake Beach Calvert County. I understand that the Disclosure Authorization and Certification from the original Sustainable Communities application continues to apply to the applicant local government, and as such the applicant agrees that not attaching an objection constitutes consent to the information being made available to the public, and a waiver of any rights the applicant may have regarding this information under Maryland's Access to Public Records Act, State Government Article, Section 10-611 et seq. of the Annotated Code of Maryland.

I also confirm that I am named, or a former holder of my current title is named as an authorized official for the Sustainable Communities designation for my local government in the Local Government Authorization submitted with the original application.

By:

  
Authorized Signature

Patrick J. "Irish" Mahoney, Mayor

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Type Name and Title

February 5, 2019

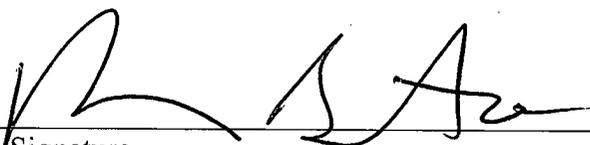
Date

## SIGNATURE LETTER

On behalf of Town of North Beach, I hereby approve the application for renewal of the Sustainable Communities designation for the Town of North Beach, Calvert County. I understand that the Disclosure Authorization and Certification from the original Sustainable Communities application continues to apply to the applicant local government, and as such the applicant agrees that not attaching an objection constitutes consent to the information being made available to the public, and a waiver of any rights the applicant may have regarding this information under Maryland's Access to Public Records Act, State Government Article, Section 10-611 et seq. of the Annotated Code of Maryland.

I also confirm that I am named or a former holder of my current title is named as an authorized official for the Sustainable Communities designation for my local government in the Local Government Authorization submitted with the original application.

By:

  
\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Michael Benton, Mayor  
Type Name and Title

\_\_\_\_\_  
February 5, 2019  
Date