



Maryland
Department of
the Environment

Commission for the Innovation and Advancement of Carbon Markets and Sustainable Tree Plantings

July 8, 2022
Regular Meeting



Meeting Agenda

- **2:00-2:10pm** - Welcome and updates
- **2:10-2:30pm** - CBT presentation
- **2:30-3:15pm** - Facilitated discussion and questions
- **3:15-3:30pm** - Public comment period



Draft Work Plan and Timeline (Meetings on Fridays – 2-3:30pm)

- **May 6**
 - MDE: Intro to Carbon Markets and the role of the State
 - **May 27**
 - MDE and Invited Speakers:
 - Conservation Finance Act
 - Clean Water Commerce Act
 - Water Quality Revolving Loan Fund
 - Environmental Impact Bonds
 - **June 17**
 - MDOT:
 - Tree mitigation for transportation projects
 - **July 8**
 - Progress report from CBT
 - Key challenges/opportunities
 - **July 29**
 - Progress reports from MDE & MDOT
 - Key challenges/opportunities
 - **August 19**
 - Progress reports from MDA & DNR
 - Key challenges/opportunities
- September 1 - Finish Draft Report**



Forest Technical Study

- **Presentation delayed until September**
- Report near completion; extended time for agency review
- Stakeholder webinar associated with the release of the Study
- Meeting information to be distributed

Technical Study on Changes in Forest Cover and Tree Canopy in Maryland

Report required by: SB 729 (2019) and HB 991 (2021)

In accordance with the Tree Solutions Now Act of 2021 calling for the Chesapeake Bay Trust (the Trust) to administer grants to urban underserved communities for tree planting projects starting in FY23, the Trust solicited project ideas. Applicants requested \$14 million for the \$10 million available. The Trust has identified \$7.7 million needed by the following communities/applicants for planting projects to begin fall 2022. Additional funds would be released to grantees for spring 2023 and beyond tree planting activities.

Organization	Project Title	Project Description	Recommended Amount	City	State	Project Legislative Districts	Geographical Area Served
Cottage City	Cottage City Tree Restoration Program	During the month of October 2021 our Cottage City Tree Canopy Committee completed a walkthrough of the town and found that 49% of our mature trees requires minor to major attention. Our main objective is to plant, maintain, and preserve the city-owned property trees and create sustainable environmental practices in the town and educate our residents on the importance of a healthy canopy and climate mitigation.	\$22,555.00	Cottage City	MD	MD\District 47A	Maryland\Capital\ Prince George's
Antietam Creek Watershed Alliance (ACWA)	Trees to Benefit the Antietam and Conococheague Creeks	The Antietam-Conococheague Watershed Alliance (ACWA) is proposing native tree plantings in four areas of Washington County, MD. The four locations are Hagerstown Community College; the Town of Williamsport, MD; the Town of Boonsboro, MD; and Maugansville Ruritan Park in Maugansville, MD. ACWA's efforts will also include educational outreach to the communities receiving urban trees in the form of informative door hangers, temporary educational signage at the tree sites, presentations on the benefits of trees and their care, as well distribute educational materials to encourage youth engagement.	\$89,754.00	Hagerstown	MD	MD\District 2A	Maryland\Western\ Washington

Montgomery County Department of Environmental Protection	Montgomery County Public Facility Urban Tree Plantings	Montgomery County's Department of Environmental Protection (DEP) is proposing to plant 250 urban trees on 18 public, County owned, facilities: 5 schools, 5 libraries, 6 fire stations, and 2 police stations. The selected public facilities have previously expressed interest in tree plantings, are in urban areas with high unemployment rates, and a percentage of the proposed trees are ineligible for tree plantings under the County's Tree Montgomery Program.	\$135,970.00	Wheaton	MD	MD\District 20	Maryland\Capital\Montgomery
Montgomery County Department Of Transportation	MCDOT Equity Greening	MCDOT Equity Greening will plant 1200 street trees in underserved, low-canopy neighborhoods in Montgomery County Maryland. This effort is based upon the long-running, successful tree planting partnership between MCDOT and Casey Trees. The program has been planned and will be executed by professional seasoned arborists to ensure the right tree is planted in the right place for maximum environmental and social benefit.	\$362,740.00	Rockville	MD	MD\District 8	Maryland\Capital\Montgomery
Defensores de la Cuenca	Embajadores de Árboles - Tree Ambassadors Program	We will plant 400 urban trees while engaging and educating the community on the importance of trees, providing job training opportunities, and be compensated for their time. Half of the trees will be planted in areas with existing community support: town of Edmonston, Cheverly Nature Trail, and Solid Rock Church. The other half of the trees will be planted based exclusively in areas that are community directed through extensive engagement and education in the Greater Riverdale area and the Port Towns, areas	\$160,028.00	Cheverly	MD	MD\District 47A	Maryland\Capital\Prince George's

		qualified as urban, 10%+ unemployment, and below 75% of state median income.					
Baltimore Tree Trust	Planting Baltimore's Future	Baltimore Tree Trust, the leading urban forestry nonprofit in Baltimore City, intends to plant more than 50,000 street, park, and campus trees by 2031. Under Phase 1 of our approach, we will expand upon our current programs and partnerships to plant 12,000 trees in high-priority urban neighborhoods between 2022-2025. Key features of this proposal will be (a) our Neighborhood Foresters Initiative, which connects economically-marginalized residents to career training and living wage jobs in the urban forestry industry, and (b) our partnership with the City of Baltimore, which provides subsidized trees and other valuable resources through the TreeBaltimore partnership.	\$1,949,204.00	Baltimore	MD	MD\District 44A	Maryland\Central\ Baltimore City
Interfaith Partners for the Chesapeake (IPC)	Trees for Sacred Places	The Trees for Sacred places program will implement urban tree plantings at faith-based institutions throughout Maryland. This is a high-impact proposal is a partnership with Interfaith Partners for the Chesapeake, the Laudato Trees Team of the Archdiocese of Washington, Alliance for the Chesapeake Bay, Casey Trees, and 20 congregations from across the state for an aggregated total of 376 trees.	\$133,553.00	Annapolis	MD	MD\District 44B	Maryland\Statewide
Global Health and Education Projects, Inc.	Increasing Environmental Stewardship in Minority and Underserved Communities	Global Health and Education Projects will implement the Family Tree Adoption Program (FTAP), a grassroots urban tree planting program that increases tree canopy in underserved communities by planting trees in private residential properties. FTAP will	\$143,699.00	Riverdale	MD	MD\District 22	Maryland\Capital\ Prince George's

	Through Family Tree Adoption Program (FTAP)	conduct 3 activities: (i) an on-the-ground tree planting; (ii) community-hosted tree-care education and demonstrations; and (iii) a digital outreach/communication. The project will (1) install 305 native trees across Prince George's County; (2) deliver watershed education on the benefits of trees on health and the environment through 2 tree planting demonstration events; and (3) engage/educate approx. 10,000 residents using curated messages on the benefits of trees.					
Howard EcoWorks	Making Urban Lands, Working Lands	Howard EcoWorks will plant 500 native nut and fruit trees in urban under-served areas throughout Howard County, the City of Laurel and locations in Baltimore County and City. Approximately 20 partners and locations have been identified at churches, homeowner associations, public lands and commercial properties. These plantings will increase the ecological value of open space areas while improving community resiliency through perennial agriculture tree planting that support people and wildlife. Educational webinars and workshops will support maintenance in subsequent years after planting with additional support from EcoWorks crews.	\$73,736.00	Columbia	MD	MD\District 44B	Maryland\Central
City of Brunswick	2022 Street and Park Tree Planting	The City intends to plant 50 trees within multiple parks along street frontage and in and around common gathering areas within the parks. The intent of these plantings is to aid in cooling impervious areas, improve air quality and improve quality of life. The trees will be located in and around Kim Weddle and Brunswick Heights Park between	\$10,500.00	Brunswick	MD	MD\District 4	Maryland\Capital\Frederick

		N. Maple Ave and MD Rte. 17, City Park at E. Potomac St. and Park Ave., Railroad Park around the train station parking lot and YMCA Park along 100 Block of E. Potomac St. Downtown.					
Bon Secours Unity Properties	Tree installation at Pacific and Unity Parks in West Baltimore	This project will add trees to the proposed Pacific Park and the soon to be constructed Unity Park, both of which are on long vacant and abandoned land in West Baltimore. Pacific Park is a component of the Saratoga Corridor Open Space Plan, which was developed by the surrounding communities, church partners, and Bon Secours Unity Properties to establish green gateways into the neighborhood and to improve public spaces. Unity Park will provide an outdoor gathering places for families and safe recreational opportunities for children, including the 75 preschoolers in an Early Head Start program contiguous to the playground.	\$15,200.00	Baltimore	MD	MD\District 44A	Maryland\Central\ Baltimore City
University of Maryland Medical System	UMROI Treehabilitation	The University of Maryland Rehabilitation and Orthopedic Institute, with help from the The University of Maryland Medical System Foundation, wishes to begin the environmental restoration of their 88-acre campus by planting 350 trees on the northeast side of the property, adding to their 35-acre forest track located adjacent to the Gwynns Falls and neighboring Gwynns Falls Leakin Park, the largest intact forest system in Baltimore City. This additional forest cover will help reduce runoff from the property, help reduce the heat island effect in our city, improve local air quality, and increase the nature-based, therapeutic properties of the campus.	\$19,596.00	Baltimore	MD	MD\District 41	Maryland\Central\ Baltimore City

Baltimore County Department of Environmental Protection & Sustainability	Baltimore County Operation ReTree	Baltimore County's Department of Environmental Protection and Sustainability (EPS) seeks to engage highly populated communities with low incomes and tree coverage in tree plantings under the County's Operation ReTree program. EPS has an overall goal of planting 4,500 trees under Operation ReTree and is requesting \$1,500,000 in grant funds to support this initiative. Operation ReTree was created in 2021 and uses an Equity Tree Priority Score (ETP) to identify and rank the best candidates for tree plantings among 2020 Census Block Groups.	\$1,500,000.00	Towson	MD	MD\District 6	Maryland\Central\ Baltimore County
Lillie May Carroll Jackson School	Community Arboretum	Lillie May Carroll Jackson Charter School will develop an educational arboretum, rain garden, and pathway to connect the all girls charter school, Rita Church Community Center, and Clifton Park. The arboretum will include a variety of native trees and plants tagged to inspire interest in science and nature, a rain garden to improve water retention, all which will promote the site as a living laboratory.	\$18,500.00	Baltimore	MD	MD\District 45	Maryland\Central\ Baltimore City
NeighborSpace of Baltimore County, Inc.	Improving Tree Canopy on NeighborSpace Sites inside Baltimore County's URDL 2022	This project will plant 31 native trees on three different sites that NeighborSpace owns inside Baltimore County's Urban Rural Demarcation Line (URDL). The goal of the project is to provide shade so as to enhance site usage and to better manage stormwater.	\$8,594.00	Towson	MD	MD\District 44B	Maryland\Central\ Baltimore County
Broadway East Community Development Corporation	Creating a Joint, Neighborhood-Led Campaign for Increased	Six neighborhoods (Broadway East, Fort Worthington, Darley Park, East Baltimore-Midway, Oliver and South Clifton Park) in East Baltimore are working together to engage their communities on tree planting, ensure that the	\$181,390.00	Baltimore	MD	MD\District 45	Maryland\Central\ Baltimore City

	Tree Canopy in East Baltimore	community has the final say in the locations of new trees, and create workforce opportunities to plant and maintain 320 new trees in the six neighborhoods. Besides workforce development, our goals is to plant trees for reduced stormwater runoff, heat island effect and better air quality. Our Collaborative has done similar joint projects and wants to ensure that our residents are the key decision-makers in this effort.					
Prince George's County Department of Public Works & Transportation	Prince George's County DPW&T Roadside and Residential Tree Planting Program	For 11 years, Prince George's County's Department of Public Works and Transportation has planted over 56,000 street trees through its "Right Tree, Right Place" (RTRP) program in its fight to mitigate climate change and transform neighborhoods. This proposal would expand this successful effort, providing needed funds to target approximately ~4,000 additional street and residential tree plantings to benefit residents in underserved, economically and socially disadvantaged communities.	\$1,000,000.00	Upper Marlboro	MD	MD\District 24	Maryland
Druid Heights Community Development Corporation	Druid Heights Urban Tree Project	Located in West Baltimore, Druid Heights Community Development Corporation is applying for a grant to plant 50 trees in the Druid Heights neighborhood. This will continue their over 40 years of efforts of planting trees and other efforts in beautifying and creating green spaces in this West Baltimore neighborhood. While the city's goal for tree canopy for every neighborhood is 40%, Druid Heights CDC's tree canopy is 14%.	\$29,530.00	BALTIMORE	MD	MD\District 40	Maryland\Central\ Baltimore City

Joe's Movement Emporium/World Arts Focus	Stream Team Urban Tree and Education Program	Joe's Movement Emporium requests funding for the Stream Team Urban Tree Program. This program will augment the Stream Team's environmental work by adding urban forestry training to their existing water stewardship work—building more green jobs for young people of color and planting trees in Prince George's County neighborhoods. With the support of Casey Trees and community partners, Joe's Stream Team will work with residents to plant 110 trees in Suitland, Cheverly (Boyd Park), and Colmar Manor to expand the region's tree canopy coverage and train young adults of color in green jobs, including urban forestry.	\$57,000.00	Mount Rainier	MD	MD\District 47A	Maryland\Capital\ Prince George's
University of Maryland, Baltimore	UMB Community Shade Equity Project	In partnership with students, faculty, and staff of both the University of Maryland, Baltimore (UMB) and the University of Maryland Baltimore County (UMBC) campuses, as well as Baltimore City community members, we will create a tree planting initiative to increase urban tree canopy while also providing educational sessions on the benefits of urban forestry and community greening. The goal of the project is to plant 53 trees within the UMB campus, engage students on the UMB and UMBC college campuses and larger community in the tree planting and care, and provide educational sessions for local K-12 students through existing partnerships.	\$39,289.00	Baltimore	MD	MD\District 40	Maryland\Central\ Baltimore City
City of New Carrollton	Tree Planting Project	The City of New Carrollton plans to plant 100+ street trees in City-owned right-of-way. The Neighborhood Design Center recently completed a partial tree inventory of City	\$51,875.00	New Carrollton	MD	MD\District 22	Maryland\Capital\ Prince George's

		street trees and identified 363 in-fill tree planting sites. The City intends to issue a Request-For-Qualifications in search of a local landscape firm to install the new street trees and maintain them for the first three months after planting. The purpose of this project is to enhance the quality of life of City residents by improving air quality, combating the effects of climate change, and reducing the urban heat island effect.					
Rev Samuel Green Sr Foundation	Annapolis Gardens Disaster Restoration Tree Planting Project	The main purpose of this tree planting project is to restore trees that fell from Tornado recently, also to create socio equity in this community to help give the residents a sense of better quality of life and help their families. The aim is to get trees in the ground and bring a community together that has been battling gun violence and youth not having activities to do positively. We are proposing to plant between 2,000 and 6,000 trees.	\$300,000.00	Annapolis	MD	MD\District 30A	Maryland\Central\ Anne Arundel
Upton Planning Committee	Addressing Stormwater Management with Urban Trees in West Baltimore	The Upton Planning Committee working with the residents of the Upton community will plant and maintain 316 trees in the community. UPC's goal for this project is to beautify the six Upton neighborhoods by increasing their tree canopy. As a collaborative that is working hard to increase the overall health of the community, the residents have requested more trees to be planted in order to reduce the heat island effect and to slow traffic down within these residential communities.	\$192,420.00	Baltimore	MD	MD\District 11	Maryland\Central\ Baltimore City
Town of Riverdale Park	Greening Riverdale Park	The Greening Riverdale Park project goals are: 1) Expand the Town's tree canopy by maximizing opportunities to plant street trees;	\$41,875.00	Riverdale	MD	MD\District 22	Maryland\Capital\ Prince George's

		<p>2) Green the Riverdale Park Municipal Center properties and adjacent public right-of-way;</p> <p>3) Remove tree stumps and increase the number of trees planted in these locations;</p> <p>4) Engage volunteers and provide culturally relevant education concerning the need for trees, proper care, and maintenance.</p>					
City of Hagerstown	City of Hagerstown Urban Tree Planting Program	The City is applying for grant funding to augment its street tree planting program. Street trees will be planted in eligible sites across the City, with an emphasis on areas with neighborhoods with lesser canopy coverage.	\$66,619.00	Hagerstown	MD	MD\District 2B	Maryland\Western\Washington
Prince George's County, Maryland	Growing Community Partnerships, One Tree at a Time	Prince George's County Department of the Environment (DoE) proposes to leverage Urban Trees Grant funding to accelerate the pace of tree restoration on public and private lands within the County. Grant funds will be matched with the County's annually available funds dedicated to the County's Rain Check Rebate to plant 2,000 native trees in underserved communities. In partnership with local NGOs and municipalities, DoE's in-kind services match will provide technical support, outreach, engagement, project management, material costs, and labor. This dramatic expansion will also create jobs, enhance soil health, and remove carbon from the air.	\$300,000.00	Largo	MD	MD\District 47A	Maryland\Capital\Prince George's
Central Kenilworth Avenue Revitalization Community Development Corporation, Inc.	Enhancing the Urban Canopy of East Riverdale and The Town of Bladensburg	In coordination with The Town of Bladensburg and the Neighborhood Design Center (NDC), Central Kenilworth Avenue Revitalization Community Development Corporation (CKAR CDC) will seek to plant 300 trees in public right of ways, residential yards, institutional settings such as schools and community centers and on	\$193,713.00	Riverdale Park	MD	MD\District 47A	Maryland\Capital\Prince George's

		vacant land owned by the Town of Bladensburg. All these locations are eligible for this program. If successful, CKAR CDC would like to continue this effort for two additional years (five years including maintenance) and expand planting to other nearby locations in Greater Riverdale and neighborhoods adjacent to the Purple Line Right of Way.					
The Urban Oasis	The Urban Oasis Tree Project	The Urban Oasis Tree Project will focus on increasing the tree canopy within the West Baltimore community of Panway. Specifically, trees will be planted and maintained on the 2800 even block of Clifton Avenue (Baltimore City Block 3024), on a community gathering space/green space (Block 3024 Lot 38), and within a community public gathering space (2131 N. Dukeland Street, Baltimore MD 21216). The main objective is to create a viable outdoor living space for residents to be able to congregate that allows increased access to programming in a historically redlined African-American community while providing natural shade cover and beautification.	\$17,720.00	Baltimore	MD	MD\District 40	Maryland\Central\ Baltimore City
Anne Arundel Watershed Stewards Academy	Tree Ambassadors: Putting Roots Down in Northern Anne Arundel County	This project will plant and maintain 80 trees (20 at anchor institutions, 20 at single residences surrounding anchor institutions, and 40 in Latino communities) in urban, low-income neighborhoods in North Anne Arundel County, including a focus on Latino communities. The Tree Ambassador program, featuring a stipend, customized training, outreach materials, mentoring and grassroots engagement, and long term maintenance, will lead to successful tree planting projects at anchor institutions and in	\$54,851.00	Millersville	MD	MD\District 31A	Maryland\Central\ Anne Arundel

		the surrounding communities. All projects will be located within Anne Arundel County; anchor institution projects will be in the Patapsco Non-Tidal Watershed and Legislative District 31A.					
Ashburton Area Association	The Urban Plant Campaign	The Ashburton Area Association (AAA) will collaborate with Callaway Garrison Community and For-Win-Ash Garden Club to plant fruit and native trees as a learning experience for students of neighborhood Ashburton Elementary/Middle and Temple X Schools. AAA will create a marketing campaign to encourage Ashburton and Callaway-Garrison neighbors to plant trees on their properties. We anticipate 40 volunteers and 20 children will help plant fruit and native trees. Through planting, pruning, and marketing efforts, we anticipate that 180 neighbors will express gaining a heightened awareness for the benefits of trees and 20 percent will pledge to plant a tree.	\$14,245.00	Baltimore	MD	MD\District 40	Maryland\Central\ Baltimore City
Blue Water Baltimore	Supporting Community Greening in West Baltimore	Blue Water Baltimore will support community tree planting in 4 west Baltimore neighborhoods, Irvington, Violetville, Ash Co East/Coppin Heights and Howard Park resulting in 600 trees planted and grown for about 3 years. We will pilot a yard tree planting program in Howard Park based on community request and need for Baltimore. Community based engagement and planting plans will be developed in each neighborhood. We hope to engage over 400 volunteers and directly impact 400 homes.	\$342,444.00	Baltimore	MD	MD\District 45	Maryland\Central

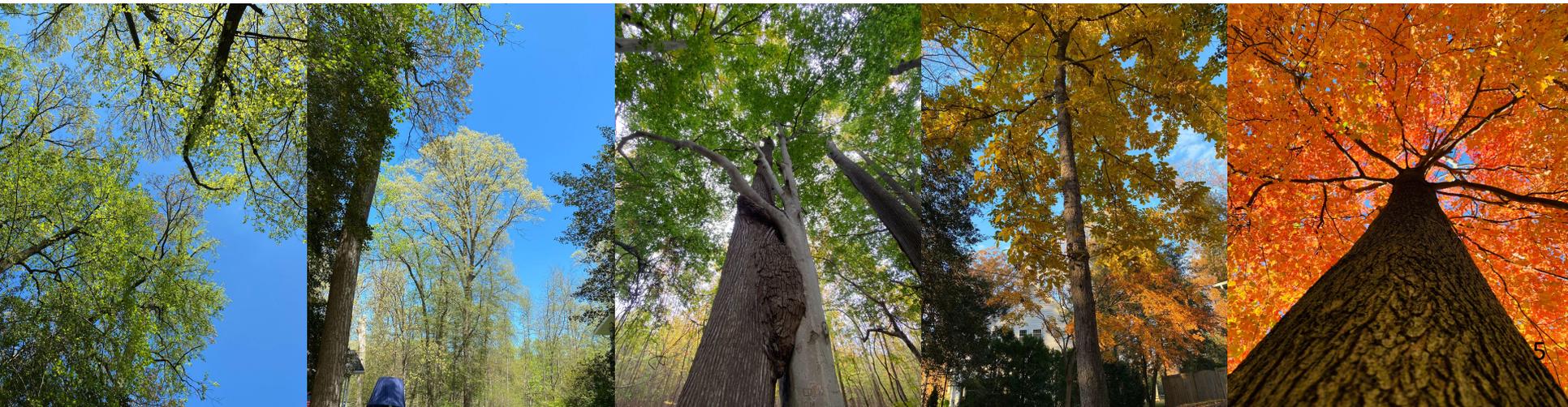
Greater Baybrook Alliance	GBA Green Streets	Building off of our Blue Green Community Plan and previous planning efforts which have identified community greening as a high priority, the Greater Baybrook Alliance is requesting funding to plant 200 trees in high priority locations across the neighborhoods of Brooklyn, Brooklyn Park, and Curtis Bay, in South Baltimore. 175 of the trees will be installed along our streets by a contractor, while 25 trees will be planted with community volunteers in our parks.	\$92,695.00	Baltimore	MD	MD\District 46	Maryland\Central\ Baltimore City
Midtown Community Benefits District	Midtown Baltimore Tree Planting	The Midtown Baltimore Tree Planting (the project) is an initiative to plant 100 street trees in the Mount Vernon-Belvedere and Charles North neighborhoods of Baltimore City. As part of the project, new tree wells will be cut, tree stumps will be removed from existing tree pits to make way for new trees and existing pits will be increased to provide more root growth space to maximize tree life. Volunteers from these communities will plant the trees during multiple tree planting events in the Fall of 2022 and Spring of 2023.	\$44,964.00	Baltimore	MD	MD\District 45	Maryland\Central\ Baltimore City



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Questions and Discussion

Commission Members and Implementation Leads





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Public Comment Period

Please add name and affiliation in the chat box and we will take comments in the order received.



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