



**CLEAN WATER COMMERCE ACCOUNT  
FOR ENVIRONMENTAL OUTCOMES  
PROPOSAL**

**ALL PROPOSALS MUST BE SUBMITTED TO MDE  
BY SEPTEMBER 9, 2022**

**General Information:**

- Individual forms must be fully completed for each environmental practice in operation.
- Only one environmental practice source must be selected in the proposal. If the practice is from multiple sources, then the dominant source should be selected.
- The price that is being proposed for sale is per pound of nitrogen reduced per year.
- The Proposed Term of Purchase specified above cannot be longer than the expected life of the environmental practice. Minimum purchase length is 10 years; maximum purchase length is 20 years.
- The applicant will provide a proposed payment schedule based on the implementation timetable and anticipated outcomes.

MDE will determine the Delivery Factor for the proposed environmental practice and applied to each proposal. To see an estimate of the Delivery Factor, go to

<http://www.arcgis.com/home/webmap/viewer.html?webmap=1d0793a8175e4e039dbd20967fa38ed9&extent=-80.0461,37.1352,-74.6628,40.4856>

- Contact Walid Saffouri at [walid.saffouri@maryland.gov](mailto:walid.saffouri@maryland.gov) or (410) 537-3757 with any questions or if you require assistance in completing this application.

**Award Process:**

- MDE will agree to purchase up to the eligible amount, depending on the availability of funds.
- If selected, the recipient will be required to sign the finalized Agreement before MDE can submit the contract to the Maryland Board of Public Works for final approval.
- Payments for the reductions will be made annually based on the environmental practice performance and actual nitrogen reduction.

**Return the completed proposal by September 9, 2022 via email to [mde.wqfa\\_announcement@maryland.gov](mailto:mde.wqfa_announcement@maryland.gov)**

**Applicant Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Congressional District:** \_\_\_\_\_ **Legislative District:** \_\_\_\_\_

**Contact Person/Title:** \_\_\_\_\_

**Contact Address:** \_\_\_\_\_

**Phone #:** \_\_\_\_\_ **Fax #:** \_\_\_\_\_

**E-mail:** \_\_\_\_\_

**Environmental Practice Name:** \_\_\_\_\_

**Environmental Practice Source (select applicable source(s)):**

- \_\_\_\_\_ **From agricultural practices.**
- \_\_\_\_\_ **From projects in communities disproportionately burdened by environment harms or risks**
- \_\_\_\_\_ **From nonagricultural landscape restoration projects.**
- \_\_\_\_\_ **From other source.**

**Proposed Term of Purchase:** \_\_\_\_\_ Years (must be 10 to 20 years)

**Summary of the project or practice (*attach additional information up to 1000 words*):**

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	Units/Year		Delivery Factor	Units/Year Delivered	Price per Unit/Year	Total Price/Year
<b>Nitrogen Reduction</b>		Lbs/yr				

*\*If nitrogen reductions will vary by year, use the average over the life of the project.*

**Co-Benefits (attach additional information up to 1000 words):**

Check any of the following that apply to the project proposal. Please provide necessary backup information where indicated in a separate attached document. The project:

- Enhances the mitigation of and/or resilience to the effects of climate change, including one or more of the following:
  - A stormwater project that provides flood control and assists in mitigating repeated flooding events (more than once in a five-year period) that threaten public safety, as confirmed by documentation submitted by the applicant (this can include FEMA maps, studies, etc.).
  - A project that increases the resilience of treatment works to manmade or natural disasters, such as extreme weather events and sea-level rise. These projects include those shown on page 8 of the [“Overview of CWSRF Eligibilities”](#) document and connection of septic systems in the Critical Area (i.e., all land within 1,000 feet of Maryland’s tidal waters and tidal wetlands) to a public sewer as supported by explanation and – for septic connections – a Critical Area map clearly showing the Critical Area boundary and the septics within to be connected.
  - A project that will provide for an energy use reduction or alternate energy generation, as supported by calculations provided by the applicant.
  - A project that will reduce risk of flood or coastal hazards in communities within counties identified as “at risk” per the regional risk maps in Section II of the [2016 State Hazard Mitigation Plan](#)
  - A project will reduce greenhouse gas emissions, as supported through documentation provided by the applicant, including the use of:
    - USDA NRCS COMET planner for agricultural based practices <http://comet-planner.com/>
    - USFS i-Tree Planting Calculator for urban tree planting and small-scale afforestation <https://planting.itreetools.org/>
    - Another tool or data if adequate justification is provided
- Alleviates the environmental harms and risks borne by communities disproportionately burdened by environmental harms and risks, including:
  - Stormwater management and green infrastructure projects in communities identified by a Socioeconomic Score (Distribution Across Maryland) of 80 or higher using [MDE’s Environmental Justice Tracking Tool](#)
  - Other projects located in communities identified by a Socioeconomic Score (Distribution Across Maryland) of 80 or higher using [MDE’s Environmental Justice Tracking Tool](#)

- Application submitted by or located on land owned or operated by a producer classified as [historically underserved by USDA](#)
- Contributes toward the attainment of local water quality standards, including being able to be credited to one of the following:
  - A TMDL completed for an 8-digit basin listed as impaired by Total Nitrogen, Total Phosphorus, sediments, bacteria, and/or temperature as supported by documentation submitted by the applicant and confirmed by a listing category of 4a in the [current final Integrated Report of Surface Water Quality](#) (project must be located within – or discharging to – the impaired basin for which the TMDL was completed and serve to curtail the pollutant to be eligible for these points); or
  - Addressing a listing category of 4c in the [current final Integrated Report of Surface Water Quality](#) where the biological integrity is stressed by stream channelization or lack of riparian buffer as supported by documentation submitted by the applicant and confirmed by the Integrated Report (project must be located within – or discharging to – the impaired basin and be for curtailing/ removing channelization or planting riparian buffers to be eligible for these points).
- Reduces phosphorous or sediment loads that can be counted toward the State’s pollution reduction requirements under the Chesapeake Bay TMDL. The project can be credited towards The Chesapeake Bay Total Maximum Daily Load (TMDL) and is consistent with a [Local Area Sector Goal](#), as confirmed by documentation submitted by the applicant (project must be located within – or discharging to - the Chesapeake Bay Watershed to be eligible for these points);
- Includes natural filter practices as defined in 8-701 of the Agricultural Article, or agricultural ditch management practices as defined by the Chesapeake Bay Program
  - Fixed natural filter practice means one of the following:
    - The planting of riparian forest buffers;
    - The planting of riparian herbaceous cover;
    - Tree plantings that are on agricultural land and outside a riparian buffer
    - Wetland restoration; or
    - Pasture management, including rotational grazing systems such as livestock fencing, and watering systems implemented as part of the conversion of cropland to pasture.
  - Agricultural ditch management includes denitrifying bioreactors, drainage water management, and saturated buffers.
    - [https://www.chesapeakebay.net/channel\\_files/39968/ag\\_ditches\\_bmp\\_panel\\_report\\_draft\\_for\\_cbp\\_review\\_04sep2019.pdf](https://www.chesapeakebay.net/channel_files/39968/ag_ditches_bmp_panel_report_draft_for_cbp_review_04sep2019.pdf)
    - [https://www.chesapeakebay.net/channel\\_files/39968/cbp\\_ag\\_ditches\\_bmp\\_panel\\_webcast\\_slides\\_final\\_18sep2019.pdf](https://www.chesapeakebay.net/channel_files/39968/cbp_ag_ditches_bmp_panel_webcast_slides_final_18sep2019.pdf)

**Location/County** (*attach location map*): \_\_\_\_\_

**Lat/Long:** \_\_\_\_\_

**Description of the ownership of each parcel of land or facility that will be used in the project or practice**

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**Proposed quantification plan and verification procedure**

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**Implementation timetable / details**

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<b>Phase</b>	<b>Start</b>	<b>Completion</b>
Planning		
Design		
Construction		

**Total \$ Payments =** \_\_\_\_\_

**Payment Schedule**

<b>Year</b>	<b>Payment Amount</b>

**Other federal, state, or local government funding being provided for the project or practice, including the name of the department or agency providing the funding, the amount of funding received or that will be received, and the portion of the project or practice for which the funds are being or will be provided**

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**Authorized Representation Signature: \_\_\_\_\_ Date: \_\_\_\_\_**

**Name: \_\_\_\_\_ Title: \_\_\_\_\_**

*The Environmental Policy Innovation Center (EPIC) and the Sand County Foundation have received a \$2.7 million grant from USDA's Regional Conservation Partnership Program to purchase additional environmental outcomes from agricultural practices. In cooperation with MDE, EPIC and Sand County Foundation will be utilizing this application process to select projects for this additional funding. If your proposal includes agricultural practices and you would also like to be considered for this funding, please check the following box. There may be similar requirements associated with this funding as with other USDA programs.*

OPT IN - USDA RCPP FUNDING