



Understanding and Utilizing the Clean Water Commerce Act

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The Duality of Nitrogen



Credit: Giovanni Bertagna



Credit: SePRO Corporation



Cover Crops: Paying for Practice



2020-2021 COVER CROP SEEDING RATES AND PLANTING DEADLINES						
COVER CROP	SEEDING RATE PER ACRE/POUNDS		BASE PAYMENT FOR TRADITIONAL COVER CROP ONLY	STATEWIDE PLANTING PERIOD FOR TRADITIONAL COVER CROP PROGRAM ¹	AERIAL PLANTING DEADLINES	BROADCAST STALK CHOP AND BROADCAST CULTIPACKER
	AERIAL ³ BROADCAST STALK CHOP BROADCAST CULTIPACKER	INCORPORATED ⁴				
Canola/Rape	10	6	\$25 ²	8/15-10/01	10/01	10/01
Forage Radish	12.5	7.5	\$40	8/15-10/01	10/01	10/01
Oats	120	72	\$40	8/15-10/01	10/01	10/01
Barley	150	90	\$40	8/15-10/15	10/10	10/15
Rye	140	84	\$40	8/15-11/05	10/10	10/15
Triticale	140	84	\$40	8/15-11/05	10/10	10/15
Wheat/Spelt	150	90	\$40	8/15-11/05	10/10	10/15
Ryegrass	25	15	\$40	8/15-10/15	10/10	10/15
MUST BE PLANTED AS PART OF A CEREAL GRAIN MIX						
Clover	25	15	\$40	8/15-10/01	10/01	10/01
Hairy Vetch	31.25	20	\$40	8/15-10/01	10/01	10/01
Winter Peas	75	45	\$40	8/15-10/01	10/01	10/01

¹Seeding may begin on 08/15/2020 for all planting options.
²The base payment for planting canola/rape as a single species is \$25/acre. No reduction in payment when planted as part of a mix.
³The seeding rate for aerial and non-incorporated planting methods is increased by 25%.
⁴The seeding rate for incorporated planting methods is 25% less than in previous years.

Pay for Performance: An Emerging Tool

Characteristics

- Outcomes-based
- Payment at the end

Benefits

- Scalability
- Cost-effectiveness

Examples

- Louisiana shorelines
- Nevada wildlife habitat





The 2017 Clean Water Commerce Act

FY 2019

- Tributaries to Winters Run Stream Restoration by HGS LLC (a RES Company) for up to \$4,409,300.

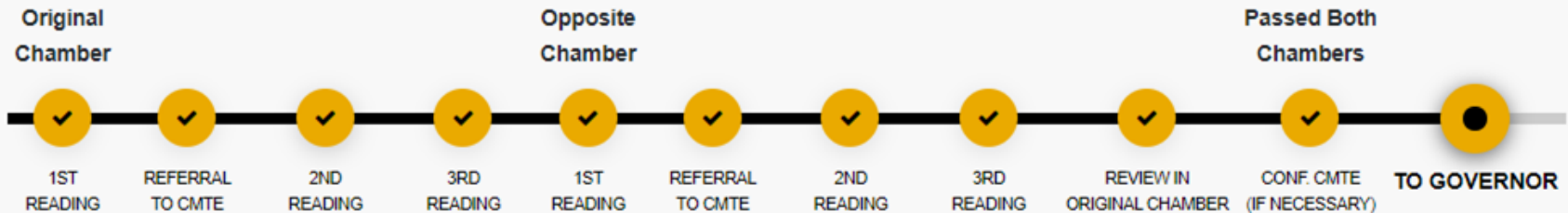
FY 2020

- Little Patuxent Water Reclamation Plant Advanced Process Instrumentation and Control System (Howard County) for up to \$1,818,450.
- Anne Arundel County Municipal Discharge at Broadneck and Annapolis Water Reclamation Facilities (Anne Arundel County) for up to \$8,181,550.

FY 2021

- Patuxent and Cox Creek Water Reclamation Facilities \$9,498,475
- Tributaries to Winters Run Stream Restoration by HGS LLC \$501,525

HB0417
CH0366



Title

Clean Water Commerce Act of 2017



The 2021 Clean Water Commerce Act

- More \$\$\$ → \$20 million/year
- Removes agricultural prohibition
 - 35% set aside for agriculture projects
 - 10% for projects like stormwater management and green infrastructure
- Priorities:
 - Cost-effectiveness
 - Climate change mitigation and adaptation
 - phosphorus and sediment load reductions
 - alleviating environmental injustices

EPIC USDA Grant



News Release

USDA Investing \$75 million in Partner-Led Projects with Focus on Climate-Smart Ag, Equity in Program Delivery

- > **Maryland Clean Water Commerce Outcomes Project (Maryland):** *Sand County Foundation*. Will help scale up the pay-for-performance program and expand access to nutrient reduction funding to more producers, including historically underserved producers. Many of the practices and systems implemented by farmers to improve water quality in the Chesapeake Bay watershed will have climate co-benefits.

2021 Clean Water Commerce Act Status



Thank you!



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