

## Water Quality Agriculture Infrastructure and Water Quality Urban Infrastructure Program – SF512/HF2440

In support of the Iowa Water Quality Initiative (WQI), the legislature passed and Governor Reynolds signed SF512/HF2440 during the 2018 legislative session, establishing the Water Quality Agriculture Infrastructure and the Water Quality Urban Infrastructure Programs. These programs, along with WQI, assist the implementation of the Nutrient Reduction Strategy, a science and technology based approach to achieving a 45 percent reduction in nitrogen and phosphorus losses to our waters. The strategy brings together both point sources, such as municipal wastewater treatment plants and industrial facilities, and nonpoint sources, including farm fields and urban stormwater runoff, to address these issues.

### Water Quality Ag Infrastructure:

During FY19, IDALS spent \$47,914.97 securing an easement for a wetland restoration project in the Iowa River – Upper Hydrologic Unit Code (HUC) 8 Watershed (07080207). IDALS is partnering with Ducks Unlimited to install the wetland, which is expected to be completed by Dec. 31, 2019, and is estimated to reduce 8,874 lbs. of N annually. The total project cost is estimated at \$187,915.

This and other wetland projects currently enrolled in the WQ Ag Infrastructure program include:

HUC8 Water	County	Total Costs	Est. Annual N Reduction	Partner
Maquoketa	Fayette	\$ 490,895	8,033	NRCS
Skunk	Keokuk	\$ 318,070	6,900	NRCS
Middle Cedar	Black Hawk	\$ 180,749	3,006	NRCS
Middle Cedar	Black Hawk	\$ 286,568	2,448	NRCS
Iowa-Upper	Hardin	\$ 187,915	8,874	DU
South Skunk	Story	\$ 591,256	9,000	DU
Total		\$2,055,453	38,261	

As funding ramps up over time, IDALS intends to make investments in additional wetlands and similar edge-of-field practices. There are currently more than 30 wetlands and several bioreactors and saturated buffers under design or development, all of which will be candidates for the new funding. Identifying, designing and developing a new wetland can be an 18-24 month process.

IDALS is building capacity by engaging the private sector and adding watershed implementation coordinators to further expand implementation of edge-of-field practices in the North Raccoon, Middle Cedar, South Skunk and Boone targeted watersheds.

### Water Quality Urban Infrastructure:

IDALS [released an RFP](#) for new urban water quality infrastructure project funding on 9/30/19. Funding in this program will be used to provide financial and technical assistance to communities to install urban stormwater and other water quality related practices.

Additional information about the initiative can be found at [www.CleanWaterIowa.org](http://www.CleanWaterIowa.org).

<b>Fund Status</b>	FY19 WQ Ag Infrastructure	\$1,839,636.28
	Balance 6/30/18 Brought Forward	\$0
	Expenditures to Date	\$47,914.97
	Obligated/Encumbered	\$1,791,721.31
	FY19 WQ Urban Infrastructure	\$275,945.45
	Balance 6/30/18 Brought Forward	\$0
	Expenditures to Date	\$0
	Obligated/Encumbered	\$0
	Unobligated	\$275,945.45