

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 FY20, IDALS spent \$876,206.97 establishing several water quality practices. Summary of projects, expenses, and watershed locations enrolled below:

HUC8 Watershed	County	Amount Expended FY20	Practice	Total Costs/Obligations	Est. Annual N Reduction (lbs/yr)	Partner
Middle Cedar	Black Hawk	\$ 50,149.40	Wetland	\$ 250,149.40	2,448	NRCS
Middle Cedar	Black Hawk	\$ 85,615.78	Wetland	\$ 217,615.78	3,006	NRCS
Maquoketa	Fayette	\$ 140,553.36	Wetland	\$ 490,895.00	8,033	NRCS
Skunk	Keokuk	\$ 48,232.81	Wetland	\$ 320,232.81	6,900	NRCS
Middle Cedar	Linn	\$ 4,947.80	Wetland Design	\$ -	-	NRCS
North Raccoon	Buena Vista	\$ 586.00	Bioreactor	\$ 7,950.00	1,623	NRCS
Skunk	Lee	\$ 4,024.73	Bioreactor	\$ 11,348.73	462	NRCS
South Skunk	Story	\$ 14,314.31	Bioreactor	\$ 19,085.75	376	IAWA
North Raccoon	Buena Vista	\$ 20,850.00	Bioreactor	\$ 27,800.00	645	IPPA
Floyd	Sioux	\$ 2,077.00	Saturated Buffer	\$ 5,519.50	438	NRCS
Floyd	Plymouth	\$ 4,090.12	Saturated Buffer	\$ 5,453.50	625	IPPA
Floyd	Sioux	\$ 8,387.35	Bioreactor	\$ 26,178.55	3,924	NRCS
South Skunk	Story	\$ 492,378.31	Wetland	\$ 591,256.31	11,000	DU
Total		\$ 876,206.97		\$ 1,973,485.33	39,480	

*Amount expended is by practice during SFY20, total costs represent total obligated/estimated costs for the practice. Final amount will be determined upon completion and after distribution between partners

As funding ramps up over time, IDALS intends make further investments in wetlands and similar in-field and edge of field practices. There are currently over 30 wetlands with an estimated total cost of nearly \$12 million and over 80 bioreactors/saturated buffers under design or development and these projects will be candidates for the new dollars.

WQ 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.

HUC8 Watershed	County	Obligated	Total Costs	Practice
North Raccoon	Calhoun	\$ 85,000.00	\$ 170,000.00	Bioretention Cells
Maquoketa	Dubuque	\$ 100,000.00	\$ 100,000.00	Stormwater Wetland
Des Moines	Polk	\$ 65,000.00	\$ 313,281.00	Stormwater Wetland
Upper Iowa	Winneshiek	\$ 100,000.00	\$ 174,830.00	Bioretention Cells, et al
Total		\$ 350,000.00	\$ 758,111.00	

IDALS released a new RFP for new urban water quality infrastructure project funding on September 28th, 2020. More information about the initiative can be found at www.CleanWaterIowa.org.

Fund Status

	<u>WQ Ag</u> <u>Infrastructure</u>	<u>WQ Urban</u> <u>Infrastructure</u>	<u>WQ Admin</u>	<u>TOTAL</u>
FY20 Funding	1,718,135.89	264,907.63	88,969.09	2,072,012.61
Balance 6/30/19 Brought Forward	4,892,722.85	733,908.42	234,442.97	5,861,074.24
Interest to Date	-	-	41,437.11	41,437.11
Expenditures to Date	876,206.97	-	-	876,206.97
Obligated/Encumbered	5,734,651.77	998,816.05	364,849.17	7,098,316.99
Unobligated	-	-	-	-

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