

On-Farm Water Management Program Update



Governor's Office of Agricultural Policy

Outline

- 2019 Master Settlement Agreement Payment Outline
- On-Farm Water Management by the Numbers
- PIP and RDD Guidelines
- Current Active Projects
- OFWM in 2020
- Wrap Up / Questions

KADF

KENTUCKY AGRICULTURAL
DEVELOPMENT FUND

FY18-19 Master Settlement Agreement Payment
Estimated Funds from tobacco companies -based on
cigarette sales
\$121,531,400
(\$29,224,900 is subtracted for the Finance and Administration
Cabinet and debt service on rural water and sewer lines)

General Assembly Budget
\$92,306,500

Healthcare &
Early
Childhood
Development
\$47,495,900

Agriculture
\$44,810,600

Farms to
Food Banks
\$500,000

Conservation
District/ Energy &
Environment Cabinet
\$3,757,300

State Funds
\$23,684,300

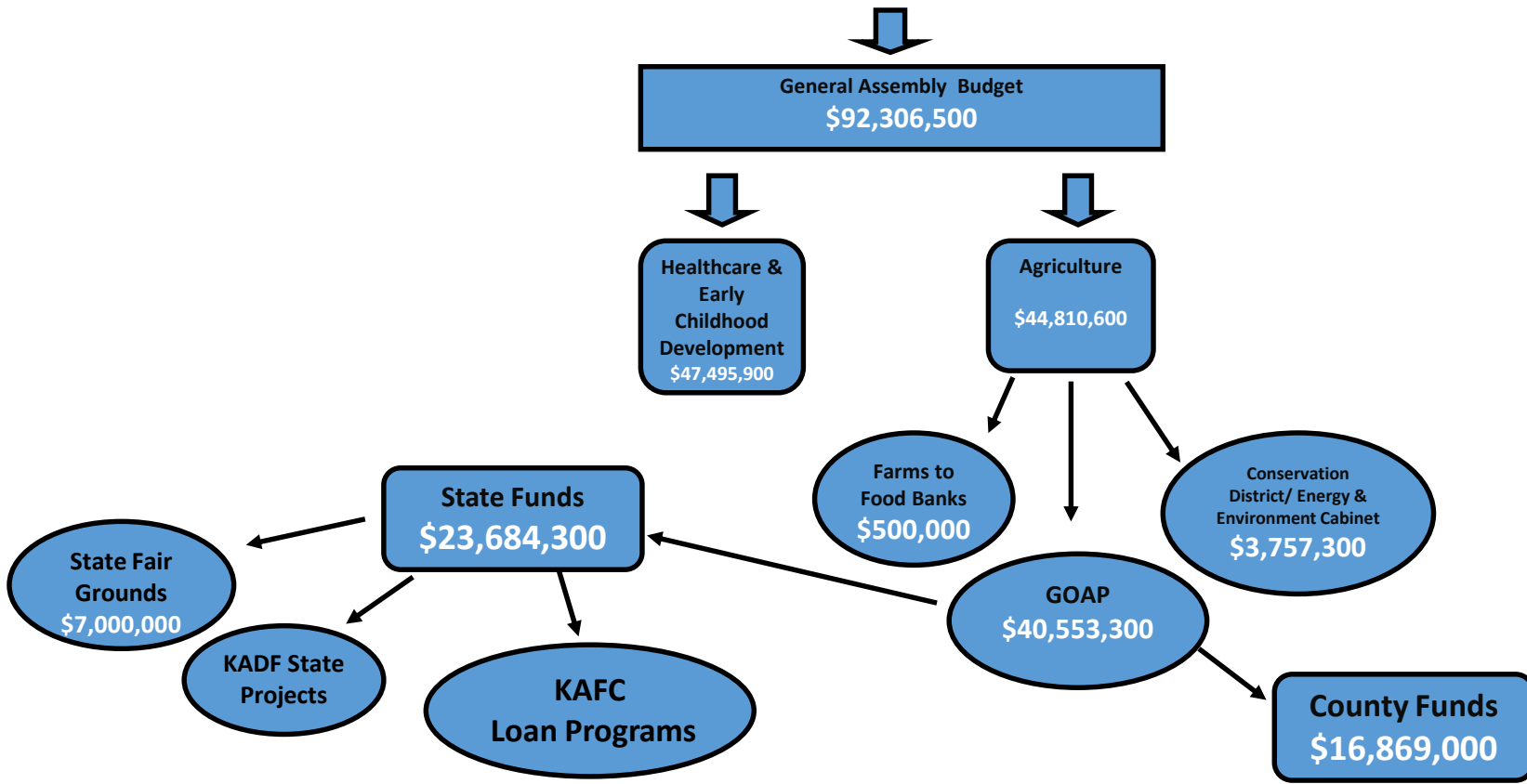
GOAP
\$40,553,300

State Fair
Grounds
\$7,000,000

KADF State
Projects

KAFC
Loan Programs

County Funds
\$16,869,000



OFWM by the Numbers (as of 8/26/2019)

- On-Farm Water Management Dollars Available for 2018-2019: \$1,000,000

- Total Number of Applications: 9

Approved: 5

Pended: 2

Denied: 2

- Dollars Committed: \$215,893

PIP (2): \$20,083

RDD (3): \$195,810

- Dollars Disbursed: \$66,959

*All disbursements to date are for project A2018-0193 David R.Appelman - RDD

PIP Program Guidelines

Practical Implementation Projects (PIP)

- For private farms who wish to implement best management practices for water management on their farm
- No more than 50% of total project costs up to \$50,000
- Must submit 2 bids for all construction in project
- No minimum size requirement
- Eligible Projects:
 - Construction of a facility or expansion/renovation of an existing facility
 - Project related equipment
 - Documented, contracted labor
 - Installation of water resource BMPs
 - MUST have a minimum of 1 water harvesting BMP included
- Exclusions:
 - Self propelled vehicles/equipments (tractors, trucks, etc.)
 - Applicant's own labor

RDD Program Guidelines

Research, Development and Demonstration Projects (RDD)

- RDD's are a proving ground for water management practices on public regional farms
- No more than 50% of total project costs up to \$250,000
- Must submit 2 bids for all construction in project
- Applicants must include business plan with educational component
- Applicant must submit timeline and agencies partnering on research and education
- Eligible Projects:
 - Construction of a facility or expansion/renovation of an existing facility
 - Project related equipment
 - Documented, contracted labor
 - Installation of water resource BMPs
 - MUST have a minimum of 1 water harvesting BMP included
- Exclusions:
 - Self propelled vehicles/equipments (tractors, trucks, etc.)

Current Active Projects

- A2017-0214 Kentucky Division of Water – RDD (Franklin)
\$52,720 State Funds, Project at Morehead State University
- A2018-0193 David R. Appleman – RDD (Mason)
\$68,502 State Funds, \$1,000 Mason County Funds
- A2018-0199 Litsinger Enterprises, LLC – PIP (McCracken)
\$11,783 State Funds
- A2018-0231 Sustainable Harvest Farm, LLC – PIP (Laurel)
\$8,300 State Funds
- A2019-0023 Imel's Greenhouse – RDD (Greenup)
\$74,588 State funds

A2017-0214 Kentucky Division of Water – RDD (Franklin)

- Project at Morehead State University
- \$52,720 State Funds
- Project Items:
 - Land based (pond) water harvesting and distribution system for livestock
 - Hog gestation house evaporative cooling water harvesting system
 - Water harvesting systems for livestock consumption at bull barn
 - Greenhouse evaporative cooling system water harvesting system

A2018-0193 David R.Appleman – RDD (Mason)

- Project on property of David R.Appleman
- \$68,502 State Funds, \$1,000 Mason County Funds
- Project Items:
 - Gutters and cistern for rooftop rainwater collection
 - Compost bedded pack barn
 - Cattle handling equipment
- Progress:
 - 90% Complete
 - Waiting on final reimbursement request



A2019-0023 Imel's Greenhouse – RDD (Greenup)

- Project on property of Imel's Greenhouse, LLC.
- \$74,588 State funds
- Project Items:
 - Ebb and Flow stationary benches
 - Pump and pipe used to recycle water from holding tank to benches and back
 - Tank for holding return water from benches
 - Moisture and soil test kits
- Progress:
 - Installation will begin this fall with expected completion late spring 2020

A2018-0199 Litsinger Enterprises, LLC – PIP (McCracken)

- Project on property of Litsinger Enterprises, LLC.
- \$11,783 State funds
- Project Items:
 - High Tunnel
 - Subsurface Rainwater Collection System
 - Rainwater System Controller
 - Soil Moisture Control Device
 - Weather Station
 - Irrigation System field components
- Progress:
 - Installation will begin this fall with expected completion Spring 2020

A2018-0231 Sustainable Harvest Farm, LLC – PIP (Laurel)

- Project on property of Sustainable Harvest Farm, LLC.
- \$8,300 State funds
- Project Items:
 - Subsurface Drip Irrigation Equipment
 - Propane Irrigation Pump
 - Irrigation fittings, above ground tubing, underground headers and mainlines
 - Soil Moisture sensors
- Progress:
 - Installation will begin this fall

On-Farm Water Management in 2020

- OFWM Committee is discussing many ideas going into the 2020 program year.
 - How do we entice the right projects to apply
 - Funding extension
 - PIP versus RDD split
 - Non-profit versus for profit
 - Matching funds options
 - Delegation of responsibilities
 - Reevaluation of goals across the state
- Next On-Farm Water Management Committee Meeting is September 12th

Questions?

On-Farm Water Management Contacts

Technical Advisory Group (TAG)

Dale Booth

Dale.Booth@ky.gov

Bill Caldwell

Bill.Caldwell@ky.gov

Steve Higgins

Steve.Higgins@uky.edu

Lee Moser

Lee.moser@uky.edu

GOAP – OFWM Project Manager

Renee Carrico

Renee.Carrico@ky.gov

(502) 234-4489 (Office)

(502) 782-2719 (Mobile)