



Clean Water Financing & Assistance Program





Clean Water Financing & Assistance Program

- Virginia Clean Water Revolving Loan Fund (VCWRLF)
- Water Quality Improvement Fund (WQIF)
- Stormwater Local Assistance Fund (SLAF)

SLAF & WQIF Needs Assessments

- Legislation requiring needs assessment
- Effective July 1, 2019
- § 62.1-44.15:29.2. Stormwater Local Assistance Fund

The Department, in consultation with stakeholders, including representatives of the Virginia Municipal Stormwater Association, local governments, and conservation organizations, shall annually determine an estimate of the amount of stormwater local assistance matching grants expected to be requested by local governments for projects that are related to planning, designing, and implementing stormwater best management practices and are eligible for funding. The Department shall include such estimate in (i) the biennial funding report that is submitted to the Governor pursuant to the provisions of § 2.2-1504 and (ii) the annual progress report on the impaired waters clean-up plan that is submitted to legislative committees pursuant to the provisions of § 62.1-44.118.

SLAF & WQIF Needs Assessments

- Legislation requiring needs assessment
- Effective July 1, 2019
- § 10.1-2134.1. Water Quality Improvement Fund

The Department of Environmental Quality (the Department), in consultation with stakeholders, including representatives of the Virginia Association of Municipal Wastewater Agencies, local governments, and conservation organizations, shall annually determine an estimate of the amount of Water Quality Improvement Grant funding expected to be requested by local governments for projects that are related to point source pollution and are eligible for grant funding pursuant to the provisions of this chapter. The Department shall include such estimate in (i) the biennial funding report that is submitted to the Governor pursuant to the provisions of § 2.2-1504 and (ii) the annual progress report on the impaired waters clean-up plan that is submitted to legislative committees pursuant to the provisions of § 62.1-44.118.

SLAF Needs Assessment 2019

- WHO: Target of the survey – Local Governments
- WHAT: Cost estimates for implementation of SW BMPs
- WHY: Establish funding needs for SLAF
 - Include data in annual Chesapeake Bay and Virginia Waters Clean Up Plan Status Report
- WHEN: Distributed survey – 6/3/2019
Responses due – 7/3/2019
- HOW: Survey Monkey online survey platform

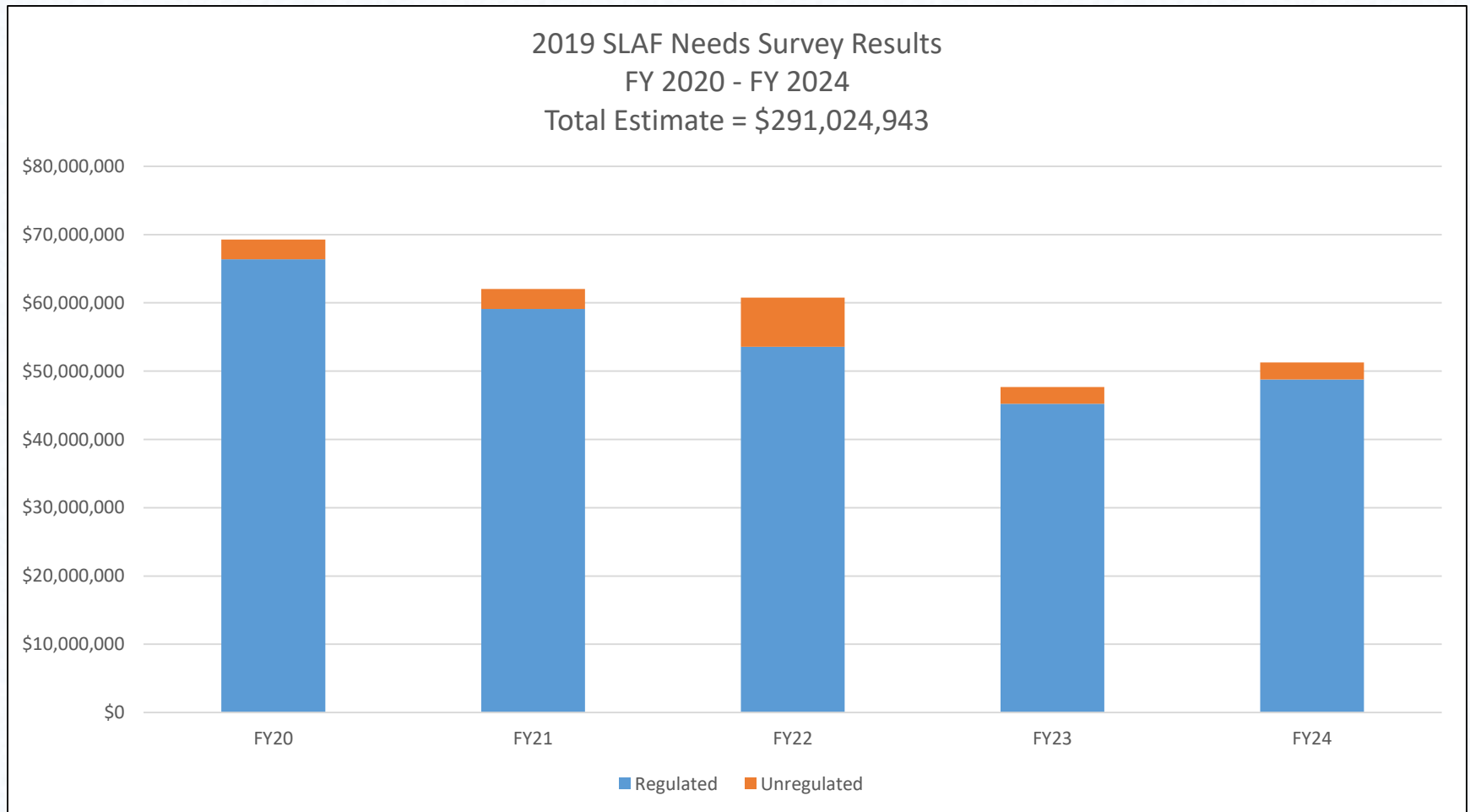
SLAF Needs Assessment 2019

- Survey development
 - Built in collaboration with stakeholders
 - VAMSA, VML, VACO, CBF, Virginia Forever, NVRC, JRA, VAPDC
- Survey requested
 - General Locality Data
 - Programmatic – 5 year CIP time horizon
 - Project – Specifics (when available)
 - BMP Type – Project Description
 - Cost
 - Location
 - Anticipated nutrient reductions – TN, TP, TSS
- Survey distribution
 - Stakeholders agreed to distribute survey through email contact lists maintained by VAMSA, VML, VACO & VAPDC

SLAF Needs Assessment 2019

- Survey Results
 - 146 responses (varied level of completeness)
 - 54 localities identified a programmatic funding need
 - 34 of those localities identified project specific funding needs
 - 38 localities regulated by MS4 permit
 - 16 localities not regulated by MS4 permit

SLAF Needs Assessment 2019



SLAF Needs Assessment 2019

Applicant	2019 SLAF Needs Survey Results					Adjusted Total Need
	FY20	2021-2022 Biennium		2023-2024 Biennium		
		FY21	FY22	FY23	FY24	
Regulated	*\$66,406,198	\$59,088,774	\$53,555,171	\$45,209,250	\$48,787,750	\$273,047,143
Unregulated	\$2,851,750	\$2,938,650	\$7,217,000	\$2,470,200	\$2,500,200	\$17,977,800
Available Funding	\$10,000,000					\$10,000,000
TOTALS	\$59,257,948	\$62,027,424	\$60,772,171	\$47,679,450	\$51,287,950	\$281,024,943

*Regulated locality need amount for FY20 was taken from FY20 project data, all other need amounts were taken from 5 year programmatic data.

WQIF Needs Assessment 2019

- WHO: Target of Survey – significant POTW's
- WHAT: Cost estimates for nutrient removal projects
- WHY: Establish funding needs for WQIF
 - Include data in annual Chesapeake Bay and Virginia Waters Clean Up Plan Status Report
- WHEN: Distributed survey – 6/3/2019
Responses due – 7/3/2019
- HOW: Survey Monkey online survey platform

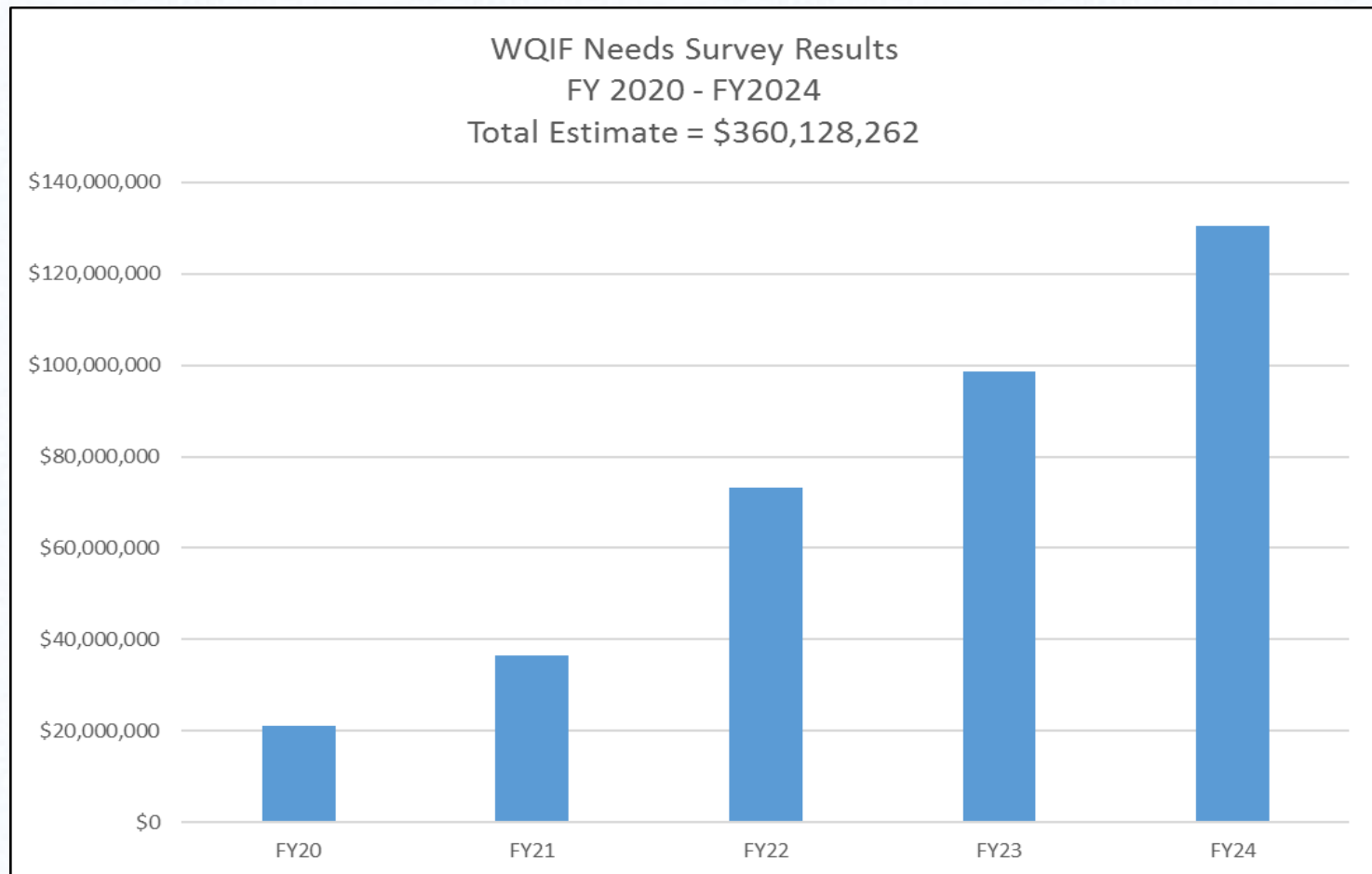
WQIF Needs Assessment 2019

- Survey development
 - Built in collaboration with stakeholders
 - VAMWA, VML, VACO, CBF, Virginia Forever, NVRC, JRA & VAPDC
- Survey requested
 - General applicant data
 - Programmatic – 5 year CIP time horizon
 - Total project cost
- Survey distribution
 - Stakeholders agreed to have VAMWA distribute survey through their membership listing.

WQIF Needs Assessment 2019

- Survey results
 - 19 responses (19 facilities)
 - Only programmatic information requested in 2019 survey
 - Projects – nutrient removal upgrades
 - Data tabulation
 - Total Project Cost
 - WQIF Eligible Project Cost
 - WQIF Grant %
 - Estimated Eligible Grant Amount
 - 5 Year Cash Flow Forecast

WQIF Needs Assessment 2019



WQIF Needs Assessment 2019

WQIF Grants	2019 WQIF Needs Survey Results					
	FY20	2021-2022 Biennium		2023-2024 Biennium		Adjusted Total Need (2020 - 2024)
		FY21	FY22	FY23	FY24	
Applicant	\$21,201,452	\$36,608,609	\$73,163,467	\$98,718,140	\$130,436,594	\$360,128,262
Available Funding	\$10,500,000					
TOTALS	\$10,701,452	\$109,772,076		\$229,154,734		\$349,628,262

2019 WQIF Needs Survey Results - Total Project Costs (no time horizon)		
Est Total Project Costs	WQIF Eligible Project Costs	Est Eligible Grant Amount
\$1,411,478,367	\$1,213,079,073	\$627,558,055



Lessons Learned

- Allow ample time for survey development
- Allow more time for survey response
- Explore making some data inputs required instead of optional



The Path Forward

- Stakeholder engagement Winter 2020
- Distribute needs assessment surveys in Spring 2020
- Survey will follow similar online format
- 60 day response timeframe



Questions?

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